



## HOSE IDENTIFICATION GUIDE

MOLDED COOLANT HOSE

# Hose Dimensions

Listed in Order by Part Number

| Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. |
|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|
| 12000    | 0.6             | 7.68                     | 476     | 18009    | 0.52 X 0.63     | 16.2                     | 465     | 18086    | 0.58 X 0.78     | 8.45                     | 467     |
| 12001    | 0.75 X 0.6      | 10.42                    | 648     | 18010    | 0.25            | 9.6                      | 420     | 18087    | 0.63            | 15.3                     | 556     |
| 12002    | 0.6             | 12.52                    | 476     | 18011    | 0.25            | 15.6                     | 420     | 18088    | 0.63            | 15.6                     | 557     |
| 12003    | 0.75 X 0.93     | 13.88                    | 651     | 18012    | 0.44 X 0.53     | 13.6                     | 455     | 18089    | 0.32            | 19.7                     | 446     |
| 12004    | 0.75 X 0.7      | 6.86                     | 649     | 18013    | 0.36 X 0.44     | 30.1                     | 449     | 18090    | 0.31            | 19.1                     | 442     |
| 12005    | 0.75 X 0.62     | 6.43                     | 648     | 18014    | 0.37            | 29.1                     | 450     | 18092    | 0.75 X 0.83     | 10.5                     | 649     |
| 12006    | 0.75            | 6.2                      | 628     | 18015    | 0.31            | 12.2                     | 439     | 18093    | 0.76 X 0.83     | 8.8                      | 656     |
| 12007    | 0.85 X 0.7      | 12.33                    | 659     | 18016    | 0.44 X 0.5      | 14.9                     | 455     | 18094    | 0.3             | 34.8                     | 432     |
| 12008    | 0.59            | 7.53                     | 468     | 18017    | 0.37            | 27.9                     | 450     | 18095    | 0.62            | 24.4                     | 518     |
| 12009    | 0.69 X 0.95     | 8.72                     | 607     | 18018    | 0.37 X 0.44     | 30.3                     | 450     | 18096    | 0.63            | 15.7                     | 557     |
| 12010    | 0.95 X 0.75     | 5.5                      | 660     | 18019    | 0.31            | 11.8                     | 439     | 18097    | 0.3             | 7.7                      | 431     |
| 12011    | 0.62            | 4.23                     | 488     | 18020    | 0.31            | 9.6                      | 436     | 18098    | 0.3             | 11.5                     | 431     |
| 12012    | 0.59            | 5.52                     | 467     | 18021    | 0.31            | 15.6                     | 441     | 18099    | 0.28            | 5.7                      | 422     |
| 12013    | 0.59 X 0.75     | 13.21                    | 475     | 18022    | 0.63            | 18.8                     | 563     | 18100    | 0.28            | 8.5                      | 423     |
| 12014    | 0.44 X 0.61     | 6.4                      | 455     | 18023    | 0.63            | 15.4                     | 556     | 18103    | 0.25            | 7.9                      | 419     |
| 12015    | 0.75            | 4.2                      | 628     | 18024    | 0.64            | 20.6                     | 594     | 18104    | 0.28            | 10.9                     | 423     |
| 12016    | 0.59            | 12.54                    | 469     | 18025    | 0.63            | 20.8                     | 568     | 18106    | 0.28            | 14.7                     | 424     |
| 12017    | 0.29            | 9.08                     | 428     | 18026    | 0.63            | 18.7                     | 563     | 18112    | 0.28            | 21.9                     | 424     |
| 12018    | 0.75 X 0.96     | 13.13                    | 652     | 18027    | 0.64            | 21.8                     | 594     | 18114    | 0.28            | 12.4                     | 424     |
| 12019    | 0.62            | 18.74                    | 508     | 18028    | 0.63            | 14.3                     | 553     | 18119    | 0.25            | 14.5                     | 420     |
| 12020    | 0.62            | 18.7                     | 507     | 18029    | 0.63            | 16.4                     | 559     | 18120    | 0.25            | 8.4                      | 420     |
| 12021    | 0.38            | 23.95                    | 452     | 18030    | 0.38            | 9.6                      | 451     | 18121    | 0.25            | 11                       | 420     |
| 12022    | 0.38            | 21.43                    | 452     | 18031    | 0.38            | 15.6                     | 451     | 18122    | 0.25            | 8.9                      | 420     |
| 12023    | 0.75 X 0.9      | 19.46                    | 650     | 18033    | 0.31 X 0.47     | 29.102                   | 445     | 18123    | 0.28            | 3.3                      | 422     |
| 12024    | 0.75 X 0.59     | 16.01                    | 648     | 18034    | 0.63            | 16.9                     | 560     | 18124    | 0.27            | 5.7                      | 421     |
| 12025    | 0.75 X 0.94     | 18.3                     | 651     | 18035    | 0.63            | 22.4                     | 572     | 18125    | 0.23            | 4.2                      | 419     |
| 12026    | 0.3             | 5.4                      | 430     | 18036    | 0.63            | 11.5                     | 548     | 18126    | 0.23 X 0.3      | 35.8                     | 419     |
| 12027    | 0.75 X 0.94     | 20.31                    | 651     | 18037    | 0.63            | 17                       | 560     | 18127    | 0.24 X 0.35     | 19.7                     | 419     |
| 12029    | 0.75 X 0.92     | 26.9                     | 651     | 18038    | 0.63            | 20.3                     | 567     | 18128    | 0.24 X 0.37     | 14.6                     | 419     |
| 12030    | 0.59            | 28.24                    | 472     | 18039    | 0.63            | 9                        | 547     | 18129    | 0.25 X 0.31     | 32.9                     | 421     |
| 12032    | 0.75 X 0.98     | 33.6                     | 653     | 18040    | 0.63            | 12.5                     | 550     | 18130    | 0.25 X 0.31     | 31                       | 421     |
| 12034    | 0.59 X 0.75     | 28.4                     | 475     | 18041    | 0.63            | 6                        | 546     | 18131    | 0.25            | 6.5                      | 419     |
| 12035    | 0.88 X 0.91     | 51.3                     | 659     | 18042    | 0.62            | 10.6                     | 492     | 18132    | 0.25            | 8                        | 419     |
| 12036    | 0.59 X 0.75     | 25.88                    | 475     | 18043    | 0.63            | 10.6                     | 548     | 18133    | 0.25            | 13.9                     | 420     |
| 12037    | 0.75 X 0.98     | 29.1                     | 653     | 18044    | 0.62            | 8.9                      | 490     | 18134    | 0.25            | 20.1                     | 420     |
| 12038    | 0.61            | 8.74                     | 481     | 18045    | 0.63            | 11.5                     | 548     | 18135    | 0.25 X 0.38     | 34.2                     | 421     |
| 12039    | 0.29            | 26.3                     | 429     | 18046    | 0.63            | 20.8                     | 568     | 18136    | 0.25            | 13.1                     | 420     |
| 12040    | 0.75            | 6.45                     | 628     | 18047    | 0.63            | 11.5                     | 548     | 18137    | 0.31            | 13.7                     | 440     |
| 12041    | 0.75            | 13.94                    | 634     | 18048    | 0.63            | 12.1                     | 549     | 18138    | 0.25 X 0.31     | 26.2                     | 421     |
| 12042    | 0.79 X 0.93     | 4.3                      | 657     | 18049    | 0.62            | 13.2                     | 497     | 18139    | 0.28            | 9.2                      | 423     |
| 12043    | 0.62            | 11.9                     | 494     | 18050    | 0.5 X 0.62      | 6                        | 462     | 18140    | 0.3             | 9                        | 431     |
| 12044    | 0.62            | 10.3                     | 492     | 18051    | 0.5 X 0.62      | 12                       | 462     | 18141    | 0.6 X 0.73      | 14                       | 480     |
| 12045    | 0.62            | 8                        | 490     | 18053    | 0.63            | 14.4                     | 554     | 18142    | 0.74            | 5.7                      | 625     |
| 12046    | 0.59            | 16.8                     | 470     | 18054    | 0.62            | 12.4                     | 495     | 18143    | 0.62            | 5.8                      | 489     |
| 12047    | 0.59 X 0.72     | 13.6                     | 473     | 18055    | 0.63 X 0.71     | 13                       | 583     | 18144    | 0.65            | 14.2                     | 598     |
| 12048    | 0.59            | 8                        | 468     | 18056    | 0.62            | 14.1                     | 498     | 18145    | 0.75            | 21                       | 642     |
| 12049    | 0.63 X 0.72     | 12.1                     | 584     | 18057    | 0.65            | 15.7                     | 599     | 18146    | 0.29            | 6.5                      | 426     |
| 12050    | 0.59            | 24.2                     | 471     | 18058    | 0.75            | 17.1                     | 638     | 18147    | 0.92            | 4.2                      | 660     |
| 12051    | 0.59            | 14.9                     | 469     | 18059    | 0.63            | 21.2                     | 570     | 18148    | 0.75 X 0.62     | 25                       | 648     |
| 12052    | 0.63            | 15.1                     | 555     | 18060    | 0.63            | 24.4                     | 575     | 18149    | 0.62            | 24.9                     | 519     |
| 12053    | 0.63            | 12.2                     | 550     | 18061    | 0.63            | 23.9                     | 574     | 18150    | 0.63            | 12.7                     | 550     |
| 12054    | 0.31            | 7.1                      | 435     | 18062    | 0.63            | 13                       | 551     | 18151    | 0.75            | 14                       | 634     |
| 12056    | 0.59            | 27.1                     | 472     | 18063    | 0.63            | 13.1                     | 551     | 18152    | 0.62            | 12.6                     | 496     |
| 12057    | 0.59            | 13                       | 469     | 18065    | 0.75 X 0.94     | 8.9                      | 651     | 18153    | 0.62            | 10.1                     | 492     |
| 12058    | 0.62            | 20                       | 511     | 18066    | 0.75 X 0.94     | 10.2                     | 651     | 18154    | 0.62            | 13.4                     | 497     |
| 12059    | 0.59 X 0.72     | 34                       | 474     | 18067    | 0.75            | 20.5                     | 642     | 18155    | 0.62 X 0.73     | 21.5                     | 533     |
| 12060    | 0.59 X 0.72     | 34.9                     | 474     | 18068    | 0.75            | 15.7                     | 636     | 18156    | 0.62            | 31.4                     | 522     |
| 12061    | 0.59            | 20.5                     | 471     | 18069    | 0.61 X 0.74     | 10.6                     | 485     | 18157    | 0.75            | 17.2                     | 638     |
| 12062    | 0.66 X 0.75     | 12                       | 606     | 18070    | 0.62 X 0.75     | 9.6                      | 535     | 18158    | 0.51            | 6                        | 463     |
| 12063    | 0.31            | 9.8                      | 437     | 18071    | 0.62 X 0.75     | 15.6                     | 538     | 18159    | 0.62            | 5.1                      | 488     |
| 12065    | 0.29            | 24.5                     | 429     | 18072    | 0.62 X 0.75     | 25.6                     | 541     | 18160    | 0.61            | 4.9                      | 480     |
| 12066    | 0.72            | 18.7                     | 615     | 18073    | 0.62 X 0.75     | 27.6                     | 541     | 18161    | 0.74            | 4.8                      | 625     |
| 12068    | 0.38            | 5.9                      | 450     | 18074    | 0.62 X 0.75     | 39.6                     | 543     | 18162    | 0.62            | 3.8                      | 488     |
| 12069    | 0.69 X 0.75     | 9.5                      | 606     | 18075    | 0.62 X 0.75     | 63.6                     | 544     | 18163    | 0.62            | 15.2                     | 500     |
| 12070    | 0.69 X 0.88     | 14.3                     | 607     | 18076    | 0.62 X 0.75     | 21.6                     | 540     | 18164    | 0.62            | 20.1                     | 512     |
| 18001    | 0.62            | 34.1                     | 523     | 18077    | 0.62 X 0.75     | 36.6                     | 543     | 18165    | 0.62            | 11.2                     | 493     |
| 18002    | 0.63            | 24.9                     | 575     | 18078    | 0.62 X 0.75     | 41.6                     | 543     | 18166    | 0.5             | 7.5                      | 457     |
| 18003    | 0.63            | 17.1                     | 560     | 18079    | 0.62 X 0.75     | 9.6                      | 535     | 18167    | 0.49            | 9.2                      | 456     |
| 18004    | 0.63            | 25.4                     | 576     | 18080    | 0.62 X 0.75     | 6                        | 534     | 18168    | 0.29            | 4.7                      | 425     |
| 18005    | 0.63            | 12.4                     | 550     | 18081    | 0.62 X 0.75     | 12                       | 536     | 18169    | 0.28            | 6.8                      | 423     |
| 18006    | 0.63            | 17.5                     | 561     | 18082    | 0.62 X 0.75     | 18                       | 539     | 18170    | 0.29            | 8                        | 427     |
| 18007    | 0.63            | 14.1                     | 553     | 18083    | 0.62 X 0.75     | 36                       | 542     | 18171    | 0.3             | 5.2                      | 430     |
| 18008    | 0.63            | 11.7                     | 549     | 18084    | 0.62 X 0.75     | 60                       | 543     | 18172    | 0.29            | 6.3                      | 426     |

## Hose Dimensions — Listed in Order by Part Number

| Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. |
|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|
| 18173    | 0.29            | 7                        | 426     | 18263    | 0.31            | 6                        | 434     | 18348    | 0.29 X 0.38     | 26                       | 430     |
| 18174    | 0.28            | 7                        | 423     | 18264    | 0.3             | 18.6                     | 432     | 18349    | 0.3             | 12.1                     | 431     |
| 18175    | 0.29            | 6                        | 426     | 18265    | 0.3             | 9.4                      | 431     | 18350    | 0.63            | 22.8                     | 573     |
| 18176    | 0.28            | 5                        | 422     | 18266    | 0.31            | 5.8                      | 434     | 18351    | 0.63            | 27.9                     | 577     |
| 18177    | 0.29            | 8                        | 427     | 18267    | 0.33 X 0.47     | 39.4                     | 447     | 18352    | 0.44 X 0.61     | 5.6                      | 455     |
| 18178    | 0.3             | 5.5                      | 430     | 18268    | 0.32            | 34                       | 446     | 18353    | 0.63            | 9.2                      | 547     |
| 18179    | 0.29            | 7.2                      | 427     | 18269    | 0.28 X 0.36     | 48.46                    | 424     | 18354    | 0.63            | 28.4                     | 578     |
| 18180    | 0.29            | 7.8                      | 427     | 18271    | 0.3             | 24.6                     | 432     | 18355    | 0.63            | 34.3                     | 580     |
| 18181    | 0.28            | 4.7                      | 422     | 18272    | 0.3             | 15.9                     | 432     | 18356    | 0.36            | 6.1                      | 448     |
| 18182    | 0.28            | 3.8                      | 422     | 18273    | 0.3             | 22.2                     | 432     | 18357    | 0.36            | 6.2                      | 448     |
| 18183    | 0.29            | 3.2                      | 425     | 18274    | 0.3             | 12.3                     | 432     | 18358    | 0.36 X 0.46     | 10.6                     | 449     |
| 18184    | 0.28            | 7                        | 423     | 18275    | 0.32 X 0.6      | 47.8                     | 447     | 18359    | 0.31            | 12.4                     | 439     |
| 18185    | 0.28            | 6.6                      | 423     | 18276    | 0.28 X 0.37     | 12.31                    | 425     | 18360    | 0.31            | 13.6                     | 440     |
| 18186    | 0.28            | 9.3                      | 423     | 18277    | 0.31            | 9.3                      | 436     | 18361    | 0.3             | 8.9                      | 431     |
| 18187    | 0.29            | 8.3                      | 427     | 18278    | 0.3 X 0.36      | 16                       | 433     | 18364    | 0.25            | 6.5                      | 419     |
| 18188    | 0.62            | 5.9                      | 489     | 18279    | 0.32 X 0.4      | 32.3                     | 447     | 18365    | 0.63 X 0.72     | 26.9                     | 585     |
| 18189    | 0.63            | 6.3                      | 546     | 18280    | 0.32            | 40.2                     | 446     | 18366    | 0.63 X 0.7      | 29.7                     | 583     |
| 18190    | 0.62            | 4.2                      | 488     | 18281    | 0.31            | 15.4                     | 441     | 18367    | 0.58            | 20.3                     | 467     |
| 18191    | 0.28            | 4.5                      | 422     | 18282    | 0.32 X 0.37     | 29.1                     | 446     | 18368    | 0.63            | 18.8                     | 563     |
| 18192    | 0.28            | 5.6                      | 422     | 18283    | 0.32            | 16.3                     | 445     | 18369    | 0.6 X 0.66      | 21                       | 479     |
| 18193    | 0.28            | 8.7                      | 423     | 18284    | 0.32            | 23.6                     | 446     | 18370    | 0.7             | 6.3                      | 607     |
| 18194    | 0.75            | 15.8                     | 636     | 18285    | 0.31            | 31.4                     | 444     | 18371    | 0.27            | 13                       | 422     |
| 18195    | 0.36            | 53.6                     | 449     | 18286    | 0.31            | 20.2                     | 442     | 18375    | 0.32            | 13.9                     | 445     |
| 18196    | 0.72            | 29.3                     | 617     | 18287    | 0.31            | 14                       | 440     | 18376    | 0.32            | 12.7                     | 445     |
| 18197    | 0.31            | 14.6                     | 441     | 18288    | 0.31            | 23.3                     | 442     | 18377    | 0.63            | 42.2                     | 581     |
| 18198    | 0.31            | 9.4                      | 436     | 18289    | 0.34            | 15.3                     | 447     | 18378    | 0.63            | 21.5                     | 570     |
| 18199    | 0.31            | 9.6                      | 437     | 18290    | 0.32            | 12.4                     | 445     | 18379    | 0.63            | 9.7                      | 547     |
| 18200    | 0.31            | 7.1                      | 435     | 18291    | 0.32            | 13.1                     | 445     | 18380    | 0.63            | 17.6                     | 561     |
| 18201    | 0.28            | 6.5                      | 422     | 18292    | 0.32            | 23.3                     | 446     | 18381    | 0.65            | 28.6                     | 602     |
| 18202    | 0.31            | 8.8                      | 436     | 18293    | 0.3 X 0.33      | 15.4                     | 433     | 18382    | 0.75 X 0.88     | 16.5                     | 650     |
| 18203    | 0.31            | 14.3                     | 441     | 18294    | 0.3 X 0.33      | 35                       | 433     | 18383    | 0.32            | 13.3                     | 445     |
| 18204    | 0.31            | 11.9                     | 439     | 18295    | 0.3 X 0.34      | 35.5                     | 433     | 18384    | 0.32            | 10.7                     | 445     |
| 18205    | 0.31            | 10.9                     | 438     | 18296    | 0.29 X 0.35     | 33.9                     | 430     | 18385    | 0.28            | 26.2                     | 424     |
| 18206    | 0.31            | 10.7                     | 438     | 18297    | 0.27 X 0.38     | 39.4                     | 422     | 18386    | 0.63            | 19                       | 564     |
| 18207    | 0.31            | 9.8                      | 437     | 18298    | 0.3 X 0.38      | 21.3                     | 433     | 18387    | 0.31            | 13.1                     | 440     |
| 18209    | 0.31            | 13.7                     | 440     | 18299    | 0.31            | 12.7                     | 440     | 18388    | 0.75            | 26.7                     | 645     |
| 18210    | 0.31            | 14.4                     | 441     | 18300    | 0.38            | 10.5                     | 451     | 18389    | 0.75            | 34.3                     | 647     |
| 18211    | 0.31            | 16                       | 442     | 18301    | 0.38            | 9.9                      | 451     | 18390    | 0.72 X 0.59     | 27.93                    | 618     |
| 18214    | 0.31            | 17                       | 442     | 18302    | 0.38            | 8.7                      | 450     | 18391    | 0.29            | 62.7                     | 429     |
| 18216    | 0.31            | 14                       | 440     | 18303    | 0.38            | 6.8                      | 450     | 18392    | 0.29            | 5.1                      | 425     |
| 18217    | 0.3 X 0.5       | 8.6                      | 434     | 18304    | 0.38            | 12.7                     | 451     | 18393    | 0.29            | 14.3                     | 428     |
| 18219    | 0.31            | 7.5                      | 435     | 18305    | 0.38            | 31.6                     | 452     | 18394    | 0.29            | 6                        | 426     |
| 18222    | 0.31            | 11.6                     | 438     | 18308    | 0.38            | 15.9                     | 451     | 18395    | 0.29            | 6                        | 426     |
| 18223    | 0.31            | 9.6                      | 437     | 18309    | 0.38            | 11.7                     | 451     | 18396    | 0.29            | 8                        | 427     |
| 18224    | 0.31            | 4.5                      | 434     | 18312    | 0.38            | 20.2                     | 451     | 18397    | 0.29            | 5                        | 425     |
| 18225    | 0.31            | 18.8                     | 442     | 18313    | 0.37            | 7.6                      | 449     | 18398    | 0.29            | 5.1                      | 425     |
| 18226    | 0.31            | 10.8                     | 438     | 18314    | 0.35            | 17.5                     | 448     | 18399    | 0.29            | 7.3                      | 427     |
| 18227    | 0.31            | 12.3                     | 439     | 18315    | 0.35            | 10.8                     | 448     | 18400    | 0.5             | 8.3                      | 457     |
| 18228    | 0.31            | 11.4                     | 438     | 18316    | 0.35            | 11.1                     | 448     | 18401    | 0.5             | 24.7                     | 462     |
| 18229    | 0.31            | 8.6                      | 436     | 18317    | 0.37            | 17.7                     | 450     | 18403    | 0.53            | 8.3                      | 465     |
| 18230    | 0.31            | 13.8                     | 440     | 18320    | 0.37            | 6                        | 449     | 18406    | 0.5             | 9.5                      | 458     |
| 18231    | 0.31            | 15.2                     | 441     | 18321    | 0.36            | 21.4                     | 449     | 18412    | 0.5             | 17.4                     | 461     |
| 18232    | 0.31            | 10.1                     | 437     | 18322    | 0.36            | 20.2                     | 448     | 18413    | 0.55 X 0.62     | 25                       | 466     |
| 18238    | 0.31            | 7.6                      | 435     | 18324    | 0.36            | 13.9                     | 448     | 18414    | 0.5             | 3.5                      | 456     |
| 18239    | 0.31            | 6.6                      | 434     | 18325    | 0.39            | 35                       | 453     | 18415    | 0.5             | 6                        | 457     |
| 18240    | 0.31            | 7.5                      | 435     | 18326    | 0.39            | 25.7                     | 453     | 18416    | 0.48            | 7.4                      | 456     |
| 18241    | 0.31            | 9.8                      | 437     | 18327    | 0.39            | 25.1                     | 453     | 18417    | 0.5             | 10.2                     | 459     |
| 18242    | 0.31            | 22                       | 442     | 18328    | 0.39            | 24.6                     | 453     | 18418    | 0.58            | 9.6                      | 467     |
| 18243    | 0.31            | 29.1                     | 444     | 18329    | 0.38            | 31.8                     | 452     | 18419    | 0.5             | 9.9                      | 458     |
| 18244    | 0.31            | 7.7                      | 435     | 18330    | 0.37            | 19.1                     | 450     | 18420    | 0.5             | 8.5                      | 457     |
| 18245    | 0.28            | 12.7                     | 424     | 18331    | 0.37            | 13.6                     | 450     | 18421    | 0.5             | 8                        | 457     |
| 18246    | 0.32            | 19.6                     | 446     | 18332    | 0.31            | 6.6                      | 434     | 18422    | 0.5             | 10.5                     | 459     |
| 18247    | 0.33            | 24.9                     | 447     | 18333    | 0.3 X 0.38      | 27.3                     | 433     | 18423    | 0.5             | 9.7                      | 458     |
| 18249    | 0.34            | 7.1                      | 447     | 18334    | 0.31            | 16.9                     | 442     | 18424    | 0.52            | 12.3                     | 464     |
| 18250    | 0.34            | 7.8                      | 447     | 18335    | 0.26            | 7.6                      | 421     | 18425    | 0.5             | 13.3                     | 460     |
| 18251    | 0.34            | 17.9                     | 448     | 18336    | 0.63            | 8.7                      | 546     | 18426    | 0.5             | 16.7                     | 460     |
| 18252    | 0.29            | 12.5                     | 428     | 18337    | 0.26            | 6.5                      | 421     | 18428    | 0.5             | 16.1                     | 460     |
| 18253    | 0.29            | 7.3                      | 427     | 18338    | 0.31            | 4.8                      | 434     | 18429    | 0.5             | 14.5                     | 460     |
| 18254    | 0.28            | 16.2                     | 424     | 18339    | 0.6             | 20.2                     | 477     | 18430    | 0.5             | 23.4                     | 462     |
| 18255    | 0.29            | 22.5                     | 428     | 18340    | 0.31            | 32.8                     | 444     | 18433    | 0.5             | 19.3                     | 462     |
| 18256    | 0.3 X 0.46      | 29.4                     | 434     | 18341    | 0.25 X 0.3      | 17.3                     | 420     | 18437    | 0.5             | 19                       | 461     |
| 18257    | 0.3             | 4.2                      | 430     | 18342    | 0.63 X 0.75     | 11.9                     | 587     | 18439    | 0.5             | 8.6                      | 457     |
| 18258    | 0.3             | 11                       | 431     | 18343    | 0.75            | 16.8                     | 637     | 18440    | 0.5             | 12.2                     | 459     |
| 18259    | 0.3 X 0.41      | 7.8                      | 434     | 18344    | 0.63 X 0.75     | 21.8                     | 589     | 18441    | 0.5             | 7.2                      | 457     |
| 18260    | 0.29 X 0.36     | 38.45                    | 430     | 18345    | 0.72            | 23.2                     | 616     | 18442    | 0.5             | 12.3                     | 460     |
| 18261    | 0.29 X 0.36     | 46.81                    | 430     | 18346    | 0.63 X 0.72     | 20.3                     | 585     | 18443    | 0.54            | 5.5                      | 465     |
| 18262    | 0.31            | 8.9                      | 436     | 18347    | 0.72            | 16.9                     | 613     | 18444    | 0.58 X 0.77     | 11                       | 467     |

## Hose Dimensions — Listed in Order by Part Number

| Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. |
|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|
| 18445    | 0.52            | 10.9                     | 464     | 18523    | 0.72            | 30.5                     | 617     | 18612    | 0.75 X 0.85     | 15.37                    | 650     |
| 18446    | 0.62 X 0.75     | 9.2                      | 534     | 18524    | 0.75            | 27.76                    | 646     | 18614    | 0.63 X 0.72     | 14.1                     | 584     |
| 18447    | 0.58            | 21.457                   | 467     | 18525    | 0.63            | 14.99                    | 555     | 18615    | 0.72            | 15.9                     | 613     |
| 18449    | 0.59 X 0.71     | 23.9                     | 473     | 18526    | 0.63            | 19.7                     | 566     | 18616    | 0.75            | 13.3                     | 633     |
| 18450    | 0.56 X 0.76     | 17.1                     | 466     | 18527    | 0.63            | 16.5                     | 559     | 18617    | 0.75            | 5.91                     | 628     |
| 18451    | 0.56 X 0.76     | 27                       | 466     | 18528    | 0.75 X 0.85     | 13.89                    | 649     | 18618    | 0.29            | 7.3                      | 427     |
| 18452    | 0.57 X 0.76     | 20.3                     | 467     | 18530    | 0.63 X 0.75     | 30.4                     | 592     | 18619    | 0.29            | 5.3                      | 425     |
| 18453    | 0.58            | 7.1                      | 467     | 18533    | 0.59 X 0.72     | 27.99                    | 474     | 18620    | 0.3             | 8.32                     | 431     |
| 18454    | 0.51 X 0.82     | 6.9                      | 464     | 18534    | 0.72            | 17.24                    | 614     | 18621    | 0.29            | 6.3                      | 426     |
| 18455    | 0.5             | 13.9                     | 460     | 18535    | 0.72            | 27.9                     | 617     | 18622    | 0.48            | 23                       | 456     |
| 18456    | 0.5             | 10.7                     | 459     | 18536    | 0.62            | 21.9                     | 515     | 18623    | 0.25            | 4.8                      | 419     |
| 18457    | 0.5             | 18.3                     | 461     | 18538    | 0.65 X 0.7      | 14.06                    | 603     | 18624    | 0.63            | 12.1                     | 549     |
| 18458    | 0.5             | 9.6                      | 458     | 18540    | 0.6             | 6.8                      | 475     | 18625    | 0.63            | 15.2                     | 555     |
| 18459    | 0.5             | 14.6                     | 460     | 18541    | 0.6             | 5.8                      | 475     | 18626    | 0.75            | 16.8                     | 637     |
| 18460    | 0.5             | 6.7                      | 457     | 18542    | 0.62            | 9.5                      | 491     | 18627    | 0.75            | 11.8                     | 631     |
| 18461    | 0.46            | 6.8                      | 456     | 18543    | 0.62            | 7.8                      | 490     | 18628    | 0.3 X 0.33      | 7.4                      | 433     |
| 18462    | 0.5             | 5                        | 457     | 18544    | 0.75            | 12.6                     | 632     | 18629    | 0.3 X 0.33      | 5.1                      | 432     |
| 18463    | 0.52            | 14.6                     | 464     | 18545    | 0.75            | 12.6                     | 632     | 18630    | 0.3             | 8.7                      | 431     |
| 18464    | 0.52            | 16.4                     | 465     | 18546    | 0.75            | 7.7                      | 629     | 18631    | 0.29 X 0.33     | 12.4                     | 429     |
| 18465    | 0.52            | 20.1                     | 465     | 18547    | 0.55            | 18.21                    | 466     | 18632    | 0.59            | 16.17                    | 469     |
| 18466    | 0.51            | 11                       | 463     | 18548    | 0.63            | 24                       | 574     | 18633    | 0.62 X 0.73     | 20.6                     | 532     |
| 18467    | 0.44 X 0.61     | 5.9                      | 455     | 18549    | 0.63            | 15.8                     | 558     | 18634    | 0.63 X 0.73     | 27.6                     | 586     |
| 18468    | 0.5             | 18.7                     | 461     | 18550    | 0.63            | 18.3                     | 562     | 18635    | 0.65            | 24.69                    | 601     |
| 18469    | 0.52            | 13.2                     | 464     | 18551    | 0.63            | 21.2                     | 570     | 18636    | 0.63            | 25.7                     | 576     |
| 18470    | 0.52            | 16.9                     | 465     | 18552    | 0.31            | 11.7                     | 439     | 18637    | 0.41            | 11.22                    | 453     |
| 18471    | 0.51            | 25.8                     | 464     | 18553    | 0.31            | 10.5                     | 438     | 18638    | 0.26 X 0.31     | 23.67                    | 421     |
| 18472    | 0.5             | 17.3                     | 461     | 18554    | 0.29            | 17.2                     | 428     | 18640    | 0.76 X 0.95     | 24.7                     | 656     |
| 18473    | 0.5             | 9.3                      | 458     | 18555    | 0.36            | 27.3                     | 449     | 18641    | 0.63            | 10                       | 547     |
| 18474    | 0.5             | 11.8                     | 459     | 18556    | 0.63            | 18.6                     | 563     | 18642    | 0.73            | 11.6                     | 620     |
| 18475    | 0.5             | 8.7                      | 458     | 18557    | 0.63            | 25.2                     | 575     | 18643    | 0.73            | 16.7                     | 621     |
| 18476    | 0.5 X 0.63      | 14.6                     | 463     | 18558    | 0.31            | 12.5                     | 439     | 18644    | 0.73            | 15.2                     | 621     |
| 18477    | 0.5 X 0.63      | 4.5                      | 463     | 18560    | 0.63            | 18.9                     | 564     | 18645    | 0.63 X 0.75     | 25                       | 590     |
| 18478    | 0.5             | 11.4                     | 459     | 18561    | 0.63            | 23.1                     | 573     | 18646    | 0.63            | 28.1                     | 578     |
| 18479    | 0.5             | 10.7                     | 459     | 18562    | 0.63            | 12.33                    | 550     | 18647    | 0.63            | 23.2                     | 574     |
| 18480    | 0.5             | 10                       | 458     | 18563    | 0.63            | 18.71                    | 563     | 18649    | 0.59            | 17.6                     | 470     |
| 18481    | 0.5             | 11.3                     | 459     | 18564    | 0.63 X 0.75     | 17.4                     | 589     | 18650    | 0.59            | 20.8                     | 471     |
| 18482    | 0.5             | 10.9                     | 459     | 18565    | 0.63 X 0.75     | 14.5                     | 589     | 18651    | 0.59            | 22.4                     | 471     |
| 18483    | 0.55            | 13.9                     | 465     | 18566    | 0.63            | 18.9                     | 564     | 18652    | 0.59            | 18.2                     | 470     |
| 18484    | 0.55            | 12.4                     | 465     | 18567    | 0.6             | 21.9                     | 478     | 18653    | 0.59            | 18.8                     | 470     |
| 18485    | 0.5 X 0.62      | 19.4                     | 463     | 18569    | 0.61            | 25.4                     | 483     | 18654    | 0.63            | 15.8                     | 558     |
| 18486    | 0.5 X 0.62      | 15.8                     | 463     | 18570    | 0.38            | 26.3                     | 452     | 18655    | 0.59            | 14.6                     | 469     |
| 18487    | 0.5             | 23.9                     | 462     | 18571    | 0.33            | 18.6                     | 447     | 18656    | 0.59            | 11.4                     | 468     |
| 18488    | 0.55 X 0.7      | 14                       | 466     | 18572    | 0.31            | 9.7                      | 437     | 18657    | 0.59            | 21.2                     | 471     |
| 18489    | 0.55 X 0.7      | 12.3                     | 466     | 18573    | 0.31            | 7.5                      | 435     | 18658    | 0.59            | 17.7                     | 470     |
| 18490    | 0.55 X 0.75     | 25.4                     | 466     | 18574    | 0.63            | 14.9                     | 554     | 18659    | 0.59            | 18.5                     | 470     |
| 18491    | 0.45 X 0.6      | 9.9                      | 456     | 18575    | 0.63            | 11.68                    | 549     | 18661    | 0.72            | 7.8                      | 610     |
| 18492    | 0.5             | 9.8                      | 458     | 18576    | 0.31            | 6.9                      | 434     | 18662    | 0.44            | 9.24                     | 454     |
| 18493    | 0.46 X 0.62     | 12.3                     | 456     | 18578    | 0.5             | 22                       | 462     | 18663    | 0.31            | 10                       | 437     |
| 18494    | 0.45 X 0.6      | 14.5                     | 456     | 18579    | 0.5             | 17.9                     | 461     | 18664    | 0.31            | 8.5                      | 436     |
| 18495    | 0.5 X 0.62      | 15.8                     | 463     | 18580    | 0.63            | 19.8                     | 566     | 18665    | 0.45            | 8.7                      | 456     |
| 18496    | 0.44 X 0.53     | 27                       | 455     | 18581    | 0.63            | 13.8                     | 552     | 18666    | 0.31            | 6.9                      | 435     |
| 18497    | 0.29            | 7.8                      | 427     | 18583    | 0.75            | 11.5                     | 631     | 18667    | 0.31            | 10.9                     | 438     |
| 18498    | 0.29            | 6.3                      | 426     | 18584    | 0.75            | 13.7                     | 634     | 18669    | 0.31            | 8.49                     | 436     |
| 18499    | 0.29            | 11.9                     | 428     | 18585    | 0.72            | 15.9                     | 613     | 18670    | 0.44            | 8.33                     | 454     |
| 18500    | 0.29            | 11.1                     | 428     | 18587    | 0.75            | 15.6                     | 636     | 18671    | 0.31            | 10.21                    | 437     |
| 18501    | 0.29            | 14.5                     | 428     | 18588    | 0.63            | 22.5                     | 572     | 18672    | 0.31            | 12                       | 439     |
| 18502    | 0.29            | 15.4                     | 428     | 18589    | 0.63            | 14.8                     | 554     | 18673    | 0.44            | 8.07                     | 454     |
| 18503    | 0.51            | 7.7                      | 463     | 18590    | 0.28 X 0.31     | 9                        | 424     | 18674    | 0.31            | 9.6                      | 437     |
| 18504    | 0.51            | 12.2                     | 464     | 18591    | 0.29 X 0.34     | 6.9                      | 429     | 18675    | 0.45            | 7                        | 455     |
| 18505    | 0.63 X 0.75     | 28.4                     | 591     | 18592    | 0.29            | 6.25                     | 426     | 18677    | 0.31            | 11                       | 438     |
| 18506    | 0.63            | 39.9                     | 581     | 18593    | 0.75 X 0.85     | 13.3                     | 649     | 18678    | 0.31            | 7.58                     | 435     |
| 18507    | 0.75            | 16.2                     | 636     | 18595    | 0.75 X 0.85     | 14.8                     | 650     | 18679    | 0.29            | 5.8                      | 425     |
| 18508    | 0.63 X 0.75     | 20.3                     | 589     | 18596    | 0.29 X 0.34     | 7.5                      | 429     | 18680    | 0.31            | 9.28                     | 436     |
| 18509    | 0.75            | 9.6                      | 630     | 18597    | 0.29 X 0.34     | 9.17                     | 429     | 18681    | 0.31            | 12.22                    | 439     |
| 18510    | 0.29            | 6.5                      | 426     | 18598    | 0.75            | 13.5                     | 633     | 18682    | 0.31            | 10.7                     | 438     |
| 18511    | 0.7 X 0.85      | 13.6                     | 608     | 18599    | 0.63 X 0.72     | 13.2                     | 584     | 18683    | 0.44            | 5.5                      | 454     |
| 18512    | 0.7 X 0.85      | 14.7                     | 608     | 18600    | 0.75            | 14.67                    | 635     | 18684    | 0.31            | 20.04                    | 442     |
| 18513    | 0.65 X 0.75     | 20.7                     | 603     | 18601    | 0.29            | 9.7                      | 428     | 18685    | 0.31            | 26                       | 443     |
| 18514    | 0.63 X 0.75     | 22                       | 590     | 18602    | 0.75 X 0.87     | 14.3                     | 650     | 18686    | 0.31            | 25.9                     | 443     |
| 18515    | 0.63            | 13.3                     | 551     | 18603    | 0.75            | 14.01                    | 635     | 18687    | 0.31            | 24.38                    | 443     |
| 18516    | 0.62            | 14.1                     | 498     | 18604    | 0.75 X 0.85     | 13                       | 649     | 18688    | 0.31            | 28.91                    | 443     |
| 18517    | 0.75 X 0.85     | 15.04                    | 650     | 18605    | 0.29            | 7.1                      | 426     | 18689    | 0.31            | 37.85                    | 444     |
| 18518    | 0.75 X 0.85     | 15.8                     | 650     | 18606    | 0.29            | 5                        | 425     | 18690    | 0.31            | 14.4                     | 441     |
| 18519    | 0.28            | 11.6                     | 424     | 18607    | 0.29            | 8.5                      | 427     | 18691    | 0.31 X 0.35     | 14.61                    | 444     |
| 18520    | 0.66 X 0.72     | 12.2                     | 605     | 18608    | 0.29            | 5.7                      | 425     | 18692    | 0.44            | 17.22                    | 454     |
| 18521    | 0.63 X 0.72     | 15.4                     | 585     | 18610    | 0.63            | 14.2                     | 553     | 18693    | 0.44            | 16.7                     | 454     |
| 18522    | 0.31            | 8                        | 435     | 18611    | 0.63            | 14.16                    | 553     | 18694    | 0.31 X 0.34     | 15.43                    | 444     |

## Hose Dimensions — Listed in Order by Part Number

| Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. |
|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|
| 18695    | 0.31            | 25.2                     | 443     | 18787    | 0.62            | 10.7                     | 493     | 18889    | 0.62            | 22.9                     | 516     |
| 18696    | 0.3             | 7.13                     | 431     | 18789    | 0.62            | 15.9                     | 501     | 18891    | 0.62            | 20.4                     | 512     |
| 18697    | 0.44            | 4.6                      | 454     | 18791    | 0.62            | 7.4                      | 489     | 18892    | 0.62            | 24                       | 518     |
| 18698    | 0.75            | 6.06                     | 628     | 18792    | 0.62            | 5.2                      | 488     | 18893    | 0.62            | 23.1                     | 517     |
| 18699    | 0.44            | 7.3                      | 454     | 18793    | 0.62 X 0.75     | 12.4                     | 536     | 18894    | 0.62            | 24.2                     | 518     |
| 18700    | 0.62            | 12                       | 495     | 18794    | 0.62            | 11.2                     | 493     | 18896    | 0.62            | 23.2                     | 517     |
| 18701    | 0.62            | 13.9                     | 498     | 18796    | 0.62            | 9.7                      | 491     | 18897    | 0.62            | 29.1                     | 521     |
| 18702    | 0.62 X 0.75     | 37.9                     | 543     | 18797    | 0.62            | 7.7                      | 490     | 18898    | 0.62            | 22                       | 515     |
| 18703    | 0.62            | 19.6                     | 510     | 18798    | 0.62            | 10.2                     | 492     | 18899    | 0.62            | 17                       | 504     |
| 18704    | 0.62            | 15.4                     | 501     | 18799    | 0.62            | 12.1                     | 495     | 18900    | 0.62            | 20.7                     | 513     |
| 18705    | 0.62            | 12.5                     | 496     | 18800    | 0.62            | 13.2                     | 497     | 18902    | 0.62            | 21.7                     | 515     |
| 18706    | 0.62 X 0.75     | 11.1                     | 535     | 18801    | 0.62            | 7.5                      | 489     | 18903    | 0.62 X 0.72     | 9.9                      | 529     |
| 18707    | 0.62 X 0.75     | 21.4                     | 540     | 18802    | 0.62            | 11.2                     | 493     | 18905    | 0.6             | 36.5                     | 478     |
| 18708    | 0.62 X 0.75     | 12.6                     | 537     | 18803    | 0.62            | 15.9                     | 502     | 18906    | 0.6             | 39.8                     | 479     |
| 18709    | 0.62            | 23.2                     | 517     | 18804    | 0.62            | 12.1                     | 495     | 18908    | 0.62            | 41.5                     | 525     |
| 18710    | 0.62            | 12.9                     | 497     | 18805    | 0.62            | 11.2                     | 493     | 18909    | 0.59            | 38.1                     | 473     |
| 18711    | 0.62            | 21.7                     | 515     | 18806    | 0.62            | 19.8                     | 510     | 18911    | 0.6             | 26.4                     | 478     |
| 18713    | 0.62            | 17.5                     | 505     | 18807    | 0.62            | 8                        | 490     | 18912    | 0.62            | 23.7                     | 518     |
| 18715    | 0.62            | 14.2                     | 498     | 18810    | 0.62            | 12.8                     | 496     | 18914    | 0.62            | 35                       | 523     |
| 18716    | 0.62            | 17.5                     | 505     | 18812    | 0.62            | 12.9                     | 497     | 18915    | 0.62 X 0.72     | 40.9                     | 532     |
| 18717    | 0.62            | 14                       | 498     | 18813    | 0.62            | 9.8                      | 491     | 18916    | 0.6             | 36.6                     | 478     |
| 18718    | 0.62            | 17.3                     | 504     | 18814    | 0.62            | 17.5                     | 505     | 18917    | 0.62            | 36.5                     | 524     |
| 18720    | 0.62            | 17.1                     | 504     | 18815    | 0.62            | 9.9                      | 492     | 18919    | 0.62 X 0.72     | 14.6                     | 529     |
| 18722    | 0.62            | 19.9                     | 511     | 18816    | 0.62            | 9.9                      | 492     | 18920    | 0.62 X 0.7      | 14.9                     | 527     |
| 18723    | 0.62 X 0.75     | 11.9                     | 536     | 18817    | 0.62            | 12.5                     | 496     | 18921    | 0.62 X 0.94     | 14.9                     | 545     |
| 18724    | 0.62 X 0.75     | 15.6                     | 538     | 18818    | 0.62            | 12.4                     | 495     | 18922    | 0.62 X 0.72     | 15.1                     | 530     |
| 18725    | 0.62 X 0.75     | 10.1                     | 535     | 18819    | 0.62            | 16.1                     | 502     | 18924    | 0.62 X 0.75     | 35.5                     | 542     |
| 18729    | 0.62 X 0.75     | 28.7                     | 542     | 18820    | 0.62            | 16.3                     | 503     | 18925    | 0.62            | 8.7                      | 490     |
| 18732    | 0.62 X 0.72     | 22.7                     | 531     | 18821    | 0.62            | 10.8                     | 493     | 18926    | 0.62            | 7.2                      | 489     |
| 18733    | 0.62            | 6.4                      | 489     | 18822    | 0.62            | 11.4                     | 494     | 18927    | 0.62            | 9.8                      | 491     |
| 18734    | 0.62            | 11.9                     | 494     | 18826    | 0.62            | 19.3                     | 510     | 18929    | 0.62            | 10.5                     | 492     |
| 18735    | 0.62            | 16.2                     | 503     | 18827    | 0.62            | 17.8                     | 506     | 18930    | 0.62            | 8.4                      | 490     |
| 18737    | 0.62            | 12.5                     | 496     | 18828    | 0.62            | 19.3                     | 510     | 18932    | 0.62            | 18.7                     | 508     |
| 18738    | 0.62            | 9.7                      | 491     | 18830    | 0.62            | 15.7                     | 501     | 18933    | 0.62            | 15.9                     | 502     |
| 18739    | 0.62 X 0.75     | 10.3                     | 535     | 18831    | 0.62            | 16.6                     | 503     | 18937    | 0.62            | 10.2                     | 492     |
| 18740    | 0.62 X 0.75     | 6.2                      | 534     | 18832    | 0.62            | 19.2                     | 509     | 18941    | 0.62            | 20.9                     | 514     |
| 18741    | 0.62 X 0.75     | 9.2                      | 534     | 18834    | 0.64            | 15.3                     | 594     | 18942    | 0.62            | 15.3                     | 501     |
| 18742    | 0.62 X 0.83     | 8.1                      | 544     | 18835    | 0.62            | 19                       | 508     | 18944    | 0.62            | 20.6                     | 513     |
| 18743    | 0.62 X 0.75     | 9.8                      | 535     | 18836    | 0.62            | 19.1                     | 509     | 18945    | 0.62            | 31                       | 522     |
| 18744    | 0.62 X 0.75     | 20.2                     | 539     | 18838    | 0.62            | 17.8                     | 506     | 18948    | 0.62            | 21.4                     | 514     |
| 18745    | 0.62 X 0.75     | 14.3                     | 537     | 18840    | 0.62            | 30.5                     | 522     | 18950    | 0.62            | 19                       | 509     |
| 18746    | 0.62 X 0.75     | 9.2                      | 534     | 18842    | 0.62            | 23.2                     | 517     | 18951    | 0.62 X 0.8      | 9.6                      | 544     |
| 18747    | 0.62 X 0.72     | 19.8                     | 530     | 18843    | 0.62            | 22.4                     | 516     | 18952    | 0.62 X 0.72     | 14.2                     | 529     |
| 18748    | 0.62 X 0.75     | 12.4                     | 536     | 18844    | 0.62            | 22                       | 515     | 18954    | 0.62            | 20.5                     | 512     |
| 18749    | 0.62 X 0.75     | 9.9                      | 535     | 18845    | 0.62            | 25.5                     | 519     | 18955    | 0.62            | 6.9                      | 489     |
| 18750    | 0.62 X 0.75     | 13                       | 537     | 18846    | 0.62            | 14.8                     | 500     | 18957    | 0.62            | 12.8                     | 497     |
| 18751    | 0.62 X 0.75     | 13.9                     | 537     | 18847    | 0.62            | 19.3                     | 510     | 18958    | 0.62 X 0.75     | 15.1                     | 537     |
| 18752    | 0.62 X 0.75     | 12.3                     | 536     | 18848    | 0.62            | 25.7                     | 520     | 18959    | 0.62 X 0.72     | 24.8                     | 531     |
| 18754    | 0.62 X 0.75     | 18.8                     | 539     | 18849    | 0.62            | 23.1                     | 516     | 18960    | 0.62            | 14.9                     | 500     |
| 18755    | 0.62 X 0.69     | 10.1                     | 527     | 18850    | 0.62            | 16.9                     | 504     | 18962    | 0.62            | 12.1                     | 495     |
| 18757    | 0.62 X 0.75     | 24.1                     | 541     | 18851    | 0.62            | 19.8                     | 511     | 18963    | 0.62 X 0.75     | 16.9                     | 538     |
| 18758    | 0.62 X 0.75     | 20.4                     | 540     | 18853    | 0.62            | 16.4                     | 503     | 18965    | 0.62 X 1        | 35                       | 545     |
| 18759    | 0.62 X 0.75     | 21.7                     | 540     | 18855    | 0.62            | 16                       | 502     | 18969    | 0.62            | 20.8                     | 513     |
| 18761    | 0.62            | 8.5                      | 490     | 18856    | 0.62            | 17.9                     | 506     | 18970    | 0.62            | 13.6                     | 498     |
| 18762    | 0.62 X 0.75     | 25.4                     | 541     | 18857    | 0.62            | 18.3                     | 507     | 18971    | 0.62            | 11.5                     | 494     |
| 18763    | 0.62 X 0.85     | 23.5                     | 545     | 18858    | 0.62            | 19                       | 508     | 18972    | 0.62            | 16.8                     | 504     |
| 18764    | 0.62 X 0.75     | 22.3                     | 541     | 18860    | 0.62 X 0.72     | 21.5                     | 531     | 18973    | 0.62            | 17.2                     | 504     |
| 18765    | 0.62 X 0.75     | 27.4                     | 541     | 18861    | 0.62            | 22.2                     | 516     | 18978    | 0.62            | 18.3                     | 507     |
| 18767    | 0.62 X 0.78     | 43.8                     | 544     | 18862    | 0.62            | 23.7                     | 518     | 18981    | 0.62            | 14.2                     | 499     |
| 18768    | 0.62 X 0.75     | 33.1                     | 542     | 18863    | 0.62            | 20.6                     | 513     | 18983    | 0.62            | 26                       | 520     |
| 18769    | 0.62            | 14.3                     | 499     | 18864    | 0.62            | 19.1                     | 509     | 18984    | 0.62            | 17.3                     | 504     |
| 18770    | 0.62 X 0.8      | 36.5                     | 544     | 18865    | 0.62            | 17.8                     | 506     | 18985    | 0.62            | 14.9                     | 500     |
| 18771    | 0.62 X 0.75     | 33.1                     | 542     | 18866    | 0.62            | 16.2                     | 503     | 18986    | 0.62            | 21                       | 514     |
| 18772    | 0.62            | 15.7                     | 501     | 18867    | 0.62            | 19                       | 508     | 18990    | 0.62            | 24.5                     | 519     |
| 18773    | 0.62            | 14.7                     | 499     | 18868    | 0.62            | 22.5                     | 516     | 18993    | 0.62 X 0.7      | 19.1                     | 528     |
| 18774    | 0.62            | 17.5                     | 505     | 18873    | 0.62            | 12.3                     | 495     | 18994    | 0.62            | 19.2                     | 509     |
| 18775    | 0.62            | 9.1                      | 491     | 18874    | 0.62            | 16.2                     | 503     | 18995    | 0.62            | 27.8                     | 521     |
| 18776    | 0.62            | 9.4                      | 491     | 18875    | 0.62            | 15.9                     | 502     | 18996    | 0.62            | 24.5                     | 519     |
| 18777    | 0.62            | 7.2                      | 489     | 18876    | 0.62            | 26.7                     | 520     | 18997    | 0.62            | 18                       | 506     |
| 18778    | 0.62            | 14.8                     | 499     | 18877    | 0.62            | 21.8                     | 515     | 18998    | 0.62            | 19.9                     | 511     |
| 18779    | 0.62            | 14.1                     | 498     | 18879    | 0.64            | 29.3                     | 596     | 18999    | 0.62            | 26.7                     | 520     |
| 18780    | 0.62            | 14.8                     | 500     | 18881    | 0.6             | 23.7                     | 478     | 19000    | 0.62            | 24.9                     | 519     |
| 18781    | 0.62            | 14.2                     | 498     | 18882    | 0.62            | 23.4                     | 517     | 19001    | 0.62            | 22.4                     | 516     |
| 18782    | 0.62            | 13                       | 497     | 18883    | 0.62            | 19.9                     | 511     | 19002    | 0.62            | 11.6                     | 494     |
| 18783    | 0.62            | 16.5                     | 503     | 18884    | 0.62            | 35.9                     | 524     | 19004    | 0.62            | 28.6                     | 521     |
| 18785    | 0.62            | 23.2                     | 517     | 18885    | 0.62            | 38.4                     | 524     | 19005    | 0.62            | 9.5                      | 491     |
| 18786    | 0.62            | 17.7                     | 505     | 18888    | 0.62            | 18.2                     | 506     | 19008    | 0.62            | 9.9                      | 492     |

## Hose Dimensions — Listed in Order by Part Number

| Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. |
|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|
| 19015    | 0.62            | 20.1                     | 512     | 19102    | 0.62 X 0.75     | 16.4                     | 538     | 19181    | 0.63            | 20.7                     | 568     |
| 19016    | 0.62            | 20.6                     | 513     | 19103    | 0.62            | 21.4                     | 514     | 19182    | 0.63            | 18                       | 561     |
| 19019    | 0.62 X 0.72     | 8.1                      | 528     | 19104    | 0.6             | 19.5                     | 477     | 19183    | 0.62            | 12.6                     | 496     |
| 19020    | 0.62 X 0.72     | 4.8                      | 528     | 19105    | 0.62 X 0.73     | 28.1                     | 533     | 19184    | 0.62 X 0.83     | 13.8                     | 544     |
| 19021    | 0.62 X 0.72     | 17.8                     | 530     | 19106    | 0.61            | 5.9                      | 480     | 19185    | 0.63 X 0.75     | 31.1                     | 592     |
| 19022    | 0.62 X 0.72     | 5.2                      | 528     | 19107    | 0.61 X 0.72     | 24.1                     | 485     | 19186    | 0.63 X 0.75     | 34.4                     | 592     |
| 19023    | 0.62 X 0.75     | 13.5                     | 537     | 19108    | 0.59            | 15.9                     | 469     | 19187    | 0.63 X 0.75     | 9.2                      | 587     |
| 19025    | 0.59            | 7.1                      | 468     | 19109    | 0.59            | 24.7                     | 472     | 19188    | 0.63 X 0.75     | 12.8                     | 588     |
| 19026    | 0.59            | 6                        | 468     | 19110    | 0.59 X 0.72     | 22.7                     | 474     | 19189    | 0.64            | 23.7                     | 595     |
| 19029    | 0.61            | 25.5                     | 484     | 19111    | 0.63            | 34.5                     | 580     | 19190    | 0.63            | 12.1                     | 549     |
| 19030    | 0.62            | 14.4                     | 499     | 19112    | 0.59            | 7.2                      | 468     | 19191    | 0.63            | 35                       | 580     |
| 19031    | 0.62            | 11                       | 493     | 19113    | 0.62 X 0.93     | 19.5                     | 545     | 19192    | 0.62            | 32.7                     | 523     |
| 19032    | 0.62            | 15.2                     | 501     | 19114    | 0.63 X 0.74     | 35.91                    | 586     | 19193    | 0.63            | 20.3                     | 567     |
| 19033    | 0.62 X 0.72     | 14.9                     | 529     | 19115    | 0.63 X 0.74     | 42.2                     | 586     | 19194    | 0.63 X 0.73     | 32.68                    | 586     |
| 19034    | 0.62            | 19.5                     | 510     | 19116    | 0.62 X 0.71     | 20.2                     | 528     | 19195    | 0.61            | 20.76                    | 483     |
| 19035    | 0.62            | 6.1                      | 489     | 19117    | 0.63            | 20.4                     | 567     | 19196    | 0.63            | 41.9                     | 581     |
| 19036    | 0.62            | 20.6                     | 513     | 19118    | 0.63            | 32.3                     | 580     | 19197    | 0.64            | 44.9                     | 596     |
| 19037    | 0.59            | 21                       | 471     | 19119    | 0.63            | 32                       | 579     | 19198    | 0.63            | 34.4                     | 580     |
| 19038    | 0.59            | 26.4                     | 472     | 19120    | 0.59            | 24.9                     | 472     | 19199    | 0.63 X 0.73     | 21.67                    | 585     |
| 19039    | 0.72            | 32.9                     | 617     | 19121    | 0.62 X 0.72     | 22.6                     | 531     | 19200    | 0.63            | 44.7                     | 582     |
| 19040    | 0.63            | 19.7                     | 566     | 19122    | 0.59            | 11.4                     | 469     | 19201    | 0.62            | 44.2                     | 525     |
| 19041    | 0.64            | 19.5                     | 594     | 19123    | 0.62            | 23.4                     | 517     | 19202    | 0.72 X 0.62     | 43.6                     | 618     |
| 19042    | 0.63            | 13.4                     | 552     | 19124    | 0.63            | 25.2                     | 576     | 19203    | 0.63 X 0.73     | 17.7                     | 585     |
| 19043    | 0.63            | 20.9                     | 569     | 19125    | 0.63            | 20                       | 566     | 19204    | 0.61            | 25.2                     | 483     |
| 19044    | 0.63            | 22                       | 571     | 19126    | 0.59 X 0.72     | 28.4                     | 474     | 19205    | 0.61 X 0.73     | 21.7                     | 485     |
| 19045    | 0.63            | 31                       | 579     | 19127    | 0.62            | 18                       | 506     | 19206    | 0.63            | 36.1                     | 580     |
| 19046    | 0.63            | 20                       | 566     | 19129    | 0.64 X 0.72     | 15.2                     | 596     | 19207    | 0.63            | 24.8                     | 575     |
| 19047    | 0.63            | 22.2                     | 572     | 19130    | 0.64 X 0.72     | 13.4                     | 596     | 19208    | 0.63            | 19.4                     | 565     |
| 19048    | 0.6 X 0.72      | 12.8                     | 479     | 19131    | 0.6             | 16.6                     | 477     | 19209    | 0.63            | 24.1                     | 575     |
| 19049    | 0.6 X 0.72      | 16.9                     | 479     | 19132    | 0.6             | 17.1                     | 477     | 19210    | 0.64 X 0.75     | 15                       | 597     |
| 19050    | 0.63 X 0.72     | 29.6                     | 585     | 19133    | 0.6             | 22.9                     | 478     | 19211    | 0.64            | 19.3                     | 594     |
| 19051    | 0.63 X 0.94     | 27.1                     | 593     | 19134    | 0.63            | 22                       | 571     | 19212    | 0.61            | 24.3                     | 483     |
| 19052    | 0.63 X 0.94     | 24.7                     | 593     | 19135    | 0.63            | 19.4                     | 565     | 19213    | 0.61            | 10.9                     | 481     |
| 19053    | 0.63 X 0.71     | 27.1                     | 584     | 19136    | 0.63            | 15.3                     | 556     | 19214    | 0.61            | 18                       | 482     |
| 19054    | 0.59 X 0.72     | 13.2                     | 473     | 19138    | 0.63            | 19.6                     | 565     | 19215    | 0.61            | 21.1                     | 483     |
| 19055    | 0.6 X 0.73      | 10.2                     | 480     | 19139    | 0.63            | 18.5                     | 563     | 19216    | 0.61 X 0.74     | 14.3                     | 486     |
| 19056    | 0.6             | 15.3                     | 477     | 19140    | 0.63            | 13.7                     | 552     | 19217    | 0.61 X 0.74     | 12.5                     | 486     |
| 19057    | 0.6             | 28.9                     | 478     | 19141    | 0.63            | 29.4                     | 578     | 19218    | 0.63 X 0.73     | 37.7                     | 586     |
| 19058    | 0.6 X 0.72      | 20.1                     | 479     | 19142    | 0.63            | 20.2                     | 567     | 19219    | 0.63 X 0.94     | 20.9                     | 593     |
| 19059    | 0.6             | 10.5                     | 476     | 19143    | 0.63            | 16                       | 558     | 19220    | 0.62            | 14.7                     | 499     |
| 19060    | 0.6 X 0.72      | 11.1                     | 479     | 19144    | 0.63            | 23.9                     | 574     | 19221    | 0.63            | 13.5                     | 552     |
| 19061    | 0.6             | 10.9                     | 476     | 19145    | 0.63            | 12.2                     | 550     | 19222    | 0.62            | 35.1                     | 523     |
| 19062    | 0.6             | 13                       | 476     | 19146    | 0.63            | 25.1                     | 575     | 19223    | 0.63 X 0.75     | 29.5                     | 592     |
| 19063    | 0.6 X 0.69      | 19.3                     | 479     | 19147    | 0.63            | 18.3                     | 562     | 19224    | 0.62 X 0.74     | 21.2                     | 534     |
| 19064    | 0.6             | 7.2                      | 476     | 19148    | 0.63            | 22.4                     | 572     | 19225    | 0.61            | 18                       | 482     |
| 19065    | 0.6             | 13.9                     | 477     | 19149    | 0.63            | 16.9                     | 560     | 19226    | 0.63            | 20.6                     | 568     |
| 19066    | 0.61            | 29.1                     | 484     | 19150    | 0.62            | 26.9                     | 520     | 19227    | 0.63            | 19.7                     | 566     |
| 19067    | 0.5 X 0.6       | 10.3                     | 462     | 19151    | 0.65            | 16                       | 599     | 19228    | 0.63            | 14                       | 552     |
| 19068    | 0.6             | 9.7                      | 476     | 19152    | 0.62            | 9                        | 490     | 19229    | 0.61            | 25.1                     | 483     |
| 19069    | 0.6             | 15.1                     | 477     | 19153    | 0.61 X 0.84     | 25                       | 488     | 19230    | 0.64 X 0.75     | 22.5                     | 597     |
| 19070    | 0.59            | 36.8                     | 473     | 19154    | 0.62 X 0.72     | 53.3                     | 532     | 19231    | 0.62 X 0.73     | 21                       | 533     |
| 19071    | 0.63            | 15.8                     | 558     | 19155    | 0.62 X 0.72     | 25                       | 531     | 19232    | 0.64 X 0.74     | 19.9                     | 597     |
| 19072    | 0.63            | 17.1                     | 560     | 19156    | 0.63 X 0.71     | 8.4                      | 583     | 19233    | 0.61 X 0.73     | 21.9                     | 485     |
| 19074    | 0.61 X 0.71     | 31.9                     | 484     | 19157    | 0.63 X 0.75     | 18.5                     | 589     | 19234    | 0.6 X 0.72      | 22.8                     | 480     |
| 19075    | 0.61 X 0.72     | 16.4                     | 485     | 19158    | 0.63 X 0.75     | 11.8                     | 587     | 19235    | 0.6 X 0.72      | 43.1                     | 480     |
| 19076    | 0.61 X 0.87     | 23.1                     | 488     | 19159    | 0.63 X 0.94     | 17.3                     | 593     | 19236    | 0.63            | 13                       | 551     |
| 19077    | 0.6             | 11.9                     | 476     | 19160    | 0.63 X 0.71     | 24.2                     | 583     | 19237    | 0.63            | 12                       | 549     |
| 19078    | 0.59 X 0.72     | 25.7                     | 474     | 19161    | 0.63 X 0.71     | 24.3                     | 584     | 19238    | 0.72            | 18.6                     | 614     |
| 19079    | 0.59 X 0.72     | 16.5                     | 473     | 19162    | 0.63            | 23.1                     | 573     | 19240    | 0.64 X 0.72     | 21.8                     | 596     |
| 19080    | 0.59            | 26.2                     | 472     | 19163    | 0.63            | 20.9                     | 569     | 19241    | 0.63            | 15.2                     | 555     |
| 19081    | 0.72            | 19.9                     | 616     | 19164    | 0.63            | 28.5                     | 578     | 19242    | 0.61            | 8.4                      | 481     |
| 19082    | 0.59            | 19.6                     | 470     | 19165    | 0.63            | 10.6                     | 548     | 19243    | 0.61            | 12.3                     | 482     |
| 19084    | 0.59            | 21.1                     | 471     | 19166    | 0.63            | 15.1                     | 555     | 19244    | 0.61            | 18.8                     | 483     |
| 19085    | 0.63            | 18.2                     | 562     | 19167    | 0.63            | 15.7                     | 557     | 19245    | 0.44 X 0.61     | 26.8                     | 455     |
| 19086    | 0.61            | 15.4                     | 482     | 19168    | 0.63            | 19.7                     | 566     | 19246    | 0.62            | 48.5                     | 527     |
| 19087    | 0.59            | 7.6                      | 468     | 19169    | 0.63            | 19.1                     | 564     | 19247    | 0.61            | 10.3                     | 481     |
| 19088    | 0.59            | 10.4                     | 468     | 19170    | 0.63            | 14.5                     | 554     | 19248    | 0.61            | 27.1                     | 484     |
| 19089    | 0.62 X 0.71     | 32.7                     | 528     | 19171    | 0.63            | 18.4                     | 562     | 19249    | 0.61 X 0.75     | 4.9                      | 486     |
| 19090    | 0.59            | 33.1                     | 473     | 19172    | 0.63            | 13.2                     | 551     | 19250    | 0.61            | 7.7                      | 480     |
| 19091    | 0.63            | 20.9                     | 569     | 19173    | 0.63            | 8.3                      | 546     | 19251    | 0.61 X 0.76     | 22.4                     | 487     |
| 19092    | 0.63            | 20.9                     | 569     | 19174    | 0.63            | 11.1                     | 548     | 19252    | 0.61            | 14.4                     | 482     |
| 19093    | 0.63            | 22.6                     | 573     | 19175    | 0.63            | 12.8                     | 550     | 19253    | 0.61            | 11.7                     | 481     |
| 19094    | 0.63            | 21.4                     | 570     | 19176    | 0.63            | 15.4                     | 556     | 19254    | 0.61            | 12.6                     | 482     |
| 19095    | 0.62            | 20                       | 511     | 19177    | 0.63            | 15.1                     | 555     | 19255    | 0.61 X 0.76     | 8.1                      | 487     |
| 19097    | 0.59            | 25.2                     | 472     | 19178    | 0.63            | 22.6                     | 573     | 19256    | 0.61            | 8.8                      | 481     |
| 19098    | 0.63 X 0.71     | 20.3                     | 583     | 19179    | 0.63 X 0.75     | 12.5                     | 587     | 19257    | 0.61            | 12.1                     | 481     |
| 19101    | 0.63 X 0.75     | 29.1                     | 591     | 19180    | 0.63            | 16.4                     | 559     | 19258    | 0.61            | 18.5                     | 482     |

## Hose Dimensions — Listed in Order by Part Number

| Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. |
|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|
| 19259    | 0.61            | 26.5                     | 484     | 19339    | 0.62            | 14.5                     | 499     | 19418    | 0.63            | 15.6                     | 557     |
| 19260    | 0.61            | 9.4                      | 481     | 19340    | 0.62            | 13.5                     | 498     | 19419    | 0.62 X 0.75     | 20.4                     | 540     |
| 19261    | 0.61 X 0.76     | 11.9                     | 487     | 19341    | 0.62            | 35.5                     | 523     | 19420    | 0.63            | 29.8                     | 578     |
| 19262    | 0.61 X 0.76     | 8.3                      | 487     | 19342    | 0.62            | 24.6                     | 519     | 19421    | 0.63 X 0.75     | 38.6                     | 593     |
| 19263    | 0.61 X 0.92     | 18.1                     | 488     | 19343    | 0.65 X 0.77     | 15.1                     | 603     | 19422    | 0.63            | 17.5                     | 561     |
| 19264    | 0.65            | 16.87                    | 599     | 19344    | 0.63 X 0.75     | 20.5                     | 589     | 19423    | 0.62            | 17.4                     | 505     |
| 19265    | 0.64            | 28.62                    | 596     | 19345    | 0.65            | 20.1                     | 599     | 19424    | 0.62            | 17.5                     | 505     |
| 19266    | 0.61 X 0.92     | 28.7                     | 488     | 19346    | 0.62 X 0.75     | 39.3                     | 543     | 19425    | 0.62            | 18.5                     | 507     |
| 19267    | 0.63            | 11.2                     | 548     | 19347    | 0.62            | 24.9                     | 519     | 19426    | 0.65            | 27.4                     | 601     |
| 19268    | 0.63            | 17.6                     | 561     | 19348    | 0.62 X 0.76     | 31.8                     | 544     | 19427    | 0.65            | 22.1                     | 600     |
| 19269    | 0.63            | 15.5                     | 556     | 19349    | 0.63            | 16.1                     | 558     | 19428    | 0.65            | 28.1                     | 601     |
| 19270    | 0.63            | 15.6                     | 557     | 19350    | 0.63            | 16.3                     | 559     | 19429    | 0.65            | 38.3                     | 602     |
| 19271    | 0.63            | 18.6                     | 563     | 19351    | 0.63 X 0.75     | 24                       | 590     | 19430    | 0.65            | 29.8                     | 602     |
| 19272    | 0.63 X 0.63     | 24.9                     | 582     | 19352    | 0.63 X 0.75     | 14.4                     | 588     | 19431    | 0.65            | 10.2                     | 598     |
| 19275    | 0.63            | 14.4                     | 554     | 19353    | 0.63            | 25.9                     | 576     | 19432    | 0.65            | 26.8                     | 601     |
| 19276    | 0.61 X 0.78     | 13.75                    | 487     | 19354    | 0.63            | 23.8                     | 574     | 19433    | 0.62 X 0.75     | 30.1                     | 542     |
| 19277    | 0.62 X 0.73     | 22.27                    | 533     | 19355    | 0.63            | 18.1                     | 562     | 19434    | 0.62            | 33                       | 523     |
| 19278    | 0.62 X 0.75     | 40.3                     | 543     | 19356    | 0.63            | 20                       | 567     | 19435    | 0.62 X 0.73     | 33.4                     | 533     |
| 19279    | 0.62            | 10.8                     | 493     | 19357    | 0.63            | 23.4                     | 574     | 19436    | 0.62            | 35.8                     | 524     |
| 19280    | 0.62 X 0.75     | 15.1                     | 538     | 19358    | 0.63            | 14                       | 553     | 19437    | 0.62            | 18.7                     | 508     |
| 19281    | 0.62            | 12.25                    | 495     | 19359    | 0.62            | 9.2                      | 491     | 19438    | 0.62            | 18.4                     | 507     |
| 19282    | 0.62            | 23.8                     | 518     | 19360    | 0.63 X 0.75     | 12.6                     | 588     | 19439    | 0.62            | 46.3                     | 526     |
| 19283    | 0.62            | 25.9                     | 520     | 19361    | 0.63 X 0.75     | 13.3                     | 588     | 19440    | 0.7             | 52.7                     | 608     |
| 19284    | 0.62            | 10.84                    | 493     | 19362    | 0.63            | 21.1                     | 569     | 19441    | 0.63 X 0.75     | 6.6                      | 587     |
| 19285    | 0.63            | 12.2                     | 550     | 19363    | 0.63            | 14.5                     | 554     | 19442    | 0.62 X 0.68     | 20.2                     | 527     |
| 19286    | 0.62 X 0.72     | 26.48                    | 532     | 19364    | 0.63            | 18.8                     | 564     | 19443    | 0.62            | 16.1                     | 502     |
| 19287    | 0.64 X 0.75     | 22.2                     | 597     | 19367    | 0.63            | 15.6                     | 557     | 19444    | 0.62 X 0.75     | 7.7                      | 534     |
| 19288    | 0.62            | 18                       | 506     | 19368    | 0.63            | 20.3                     | 567     | 19445    | 0.62            | 27.8                     | 521     |
| 19289    | 0.63            | 40.59                    | 581     | 19369    | 0.63            | 22.5                     | 572     | 19446    | 0.62            | 26.8                     | 520     |
| 19290    | 0.64            | 15.6                     | 594     | 19370    | 0.63            | 19.6                     | 565     | 19447    | 0.62 X 0.72     | 14.4                     | 529     |
| 19291    | 0.63            | 13.8                     | 552     | 19371    | 0.63            | 18.4                     | 562     | 19448    | 0.62 X 0.75     | 11.6                     | 536     |
| 19292    | 0.63            | 20.8                     | 569     | 19372    | 0.63            | 21.6                     | 571     | 19449    | 0.62 X 0.75     | 12.1                     | 536     |
| 19293    | 0.63            | 19.6                     | 565     | 19373    | 0.62            | 18.6                     | 507     | 19450    | 0.62            | 39.4                     | 525     |
| 19294    | 0.63            | 16.3                     | 559     | 19374    | 0.63            | 18.3                     | 562     | 19451    | 0.62            | 42.7                     | 525     |
| 19295    | 0.63            | 15.5                     | 556     | 19375    | 0.63            | 9.1                      | 547     | 19452    | 0.62            | 42.3                     | 525     |
| 19296    | 0.63            | 14.3                     | 553     | 19376    | 0.63            | 9                        | 547     | 19453    | 0.62            | 47.3                     | 526     |
| 19297    | 0.63 X 0.71     | 14.1                     | 583     | 19377    | 0.63            | 16.8                     | 559     | 19454    | 0.62            | 44.4                     | 526     |
| 19298    | 0.63            | 13.2                     | 551     | 19378    | 0.63            | 9.9                      | 547     | 19455    | 0.62            | 46.4                     | 526     |
| 19299    | 0.63            | 30.5                     | 579     | 19379    | 0.63            | 11.7                     | 549     | 19456    | 0.63 X 0.75     | 13.5                     | 588     |
| 19300    | 0.63            | 26.9                     | 577     | 19380    | 0.63            | 10.6                     | 548     | 19457    | 0.66            | 18.2                     | 605     |
| 19301    | 0.63            | 17.1                     | 560     | 19381    | 0.63            | 15.6                     | 557     | 19458    | 0.65            | 28.9                     | 602     |
| 19302    | 0.63 X 0.71     | 14.3                     | 583     | 19382    | 0.63            | 13                       | 551     | 19459    | 0.65            | 22.6                     | 600     |
| 19303    | 0.63 X 0.66     | 24.274                   | 582     | 19383    | 0.63 X 0.75     | 27.2                     | 591     | 19460    | 0.63 X 0.75     | 29.2                     | 592     |
| 19304    | 0.63            | 26.801                   | 576     | 19384    | 0.63            | 21.4                     | 570     | 19461    | 0.63 X 0.75     | 26.5                     | 590     |
| 19305    | 0.61 X 0.74     | 30.05                    | 486     | 19385    | 0.63            | 21.2                     | 570     | 19462    | 0.65            | 28.4                     | 602     |
| 19306    | 0.62            | 19.21                    | 509     | 19386    | 0.63            | 23.9                     | 574     | 19463    | 0.65            | 7.6                      | 598     |
| 19307    | 0.62 X 0.73     | 14.8                     | 532     | 19387    | 0.63 X 0.75     | 14.6                     | 589     | 19464    | 0.65            | 12.8                     | 598     |
| 19308    | 0.6 X 0.73      | 22.2                     | 480     | 19388    | 0.63 X 0.75     | 14.4                     | 588     | 19465    | 0.65            | 56                       | 602     |
| 19309    | 0.59 X 0.75     | 13.2                     | 474     | 19389    | 0.62            | 16.1                     | 502     | 19466    | 0.65            | 20.8                     | 600     |
| 19310    | 0.66            | 18.6                     | 605     | 19390    | 0.63            | 40.1                     | 581     | 19467    | 0.65            | 22.6                     | 600     |
| 19311    | 0.66            | 17.8                     | 604     | 19391    | 0.62            | 14.7                     | 499     | 19468    | 0.65            | 18                       | 599     |
| 19312    | 0.63            | 21.8                     | 571     | 19392    | 0.62 X 0.75     | 18.7                     | 539     | 19469    | 0.65            | 20.6                     | 600     |
| 19313    | 0.63            | 13.8                     | 552     | 19393    | 0.63 X 0.75     | 24.4                     | 590     | 19470    | 0.65            | 20.9                     | 600     |
| 19314    | 0.63            | 19                       | 564     | 19394    | 0.63            | 16.3                     | 559     | 19471    | 0.65            | 14.1                     | 598     |
| 19315    | 0.63 X 0.72     | 11.5                     | 584     | 19395    | 0.63            | 16.8                     | 560     | 19472    | 0.65            | 23.3                     | 601     |
| 19316    | 0.61 X 0.72     | 11.6                     | 484     | 19396    | 0.63            | 28.3                     | 578     | 19473    | 0.62            | 21.3                     | 514     |
| 19317    | 0.62            | 29.6                     | 521     | 19397    | 0.63            | 31.2                     | 579     | 19474    | 0.62            | 20.8                     | 513     |
| 19318    | 0.64            | 22                       | 595     | 19398    | 0.63            | 27.5                     | 577     | 19475    | 0.62            | 22.6                     | 516     |
| 19319    | 0.64            | 28                       | 595     | 19399    | 0.63            | 11.1                     | 548     | 19476    | 0.62 X 0.75     | 21.8                     | 540     |
| 19320    | 0.64 X 0.73     | 24.4                     | 597     | 19400    | 0.63            | 9.3                      | 547     | 19477    | 0.62            | 21                       | 514     |
| 19321    | 0.64            | 25.7                     | 595     | 19401    | 0.63            | 32.6                     | 580     | 19478    | 0.63 X 0.75     | 12.6                     | 588     |
| 19322    | 0.61 X 0.74     | 17.8                     | 486     | 19402    | 0.63            | 10                       | 547     | 19479    | 0.65 X 0.85     | 10.1                     | 603     |
| 19323    | 0.62            | 20                       | 511     | 19403    | 0.63            | 13.3                     | 551     | 19480    | 0.65 X 0.85     | 13.3                     | 604     |
| 19324    | 0.62            | 12.5                     | 496     | 19404    | 0.63            | 22.1                     | 571     | 19481    | 0.62            | 27.1                     | 521     |
| 19325    | 0.63 X 0.75     | 9.4                      | 587     | 19405    | 0.63            | 30.1                     | 579     | 19482    | 0.62            | 37.4                     | 524     |
| 19326    | 0.63            | 4.3                      | 546     | 19406    | 0.63            | 21.5                     | 571     | 19486    | 0.66            | 21.859                   | 605     |
| 19327    | 0.63            | 13.2                     | 551     | 19407    | 0.63            | 22.9                     | 573     | 19487    | 0.64            | 13.22                    | 594     |
| 19329    | 0.63            | 27.2                     | 577     | 19408    | 0.63 X 0.75     | 26.6                     | 590     | 19488    | 0.66            | 7.1                      | 604     |
| 19330    | 0.62            | 12.9                     | 497     | 19409    | 0.65            | 9.4                      | 598     | 19489    | 0.66            | 13.6                     | 604     |
| 19331    | 0.62            | 13.3                     | 497     | 19410    | 0.65            | 15.1                     | 599     | 19490    | 0.62 X 0.75     | 16.6                     | 538     |
| 19332    | 0.63            | 21.1                     | 569     | 19411    | 0.65            | 9.2                      | 598     | 19491    | 0.62 X 0.75     | 18.4                     | 539     |
| 19333    | 0.63            | 7.1                      | 546     | 19412    | 0.65            | 15.3                     | 599     | 19492    | 0.61 X 0.75     | 17.7                     | 486     |
| 19334    | 0.62            | 20.3                     | 512     | 19413    | 0.66            | 20.6                     | 605     | 19493    | 0.62            | 20.4                     | 512     |
| 19335    | 0.65 X 0.73     | 27.2                     | 603     | 19414    | 0.66            | 23.8                     | 605     | 19497    | 0.66            | 16.9                     | 604     |
| 19336    | 0.63 X 0.74     | 33.9                     | 586     | 19415    | 0.63            | 14.3                     | 553     | 19498    | 0.66            | 12.7                     | 604     |
| 19337    | 0.62            | 30.1                     | 522     | 19416    | 0.63            | 18.4                     | 563     | 19499    | 0.62            | 21.4                     | 514     |
| 19338    | 0.7 X 0.75      | 29.9                     | 608     | 19417    | 0.63            | 14.9                     | 555     | 19500    | 0.61 X 0.74     | 13.9                     | 486     |

## Hose Dimensions — Listed in Order by Part Number

| Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. |
|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|
| 19501    | 0.65            | 25.5                     | 601     | 19581    | 0.63            | 21.2                     | 570     | 19674    | 0.72            | 17.8                     | 614     |
| 19502    | 0.65            | 21.5                     | 600     | 19582    | 0.63            | 20.5                     | 568     | 19675    | 0.72            | 18.8                     | 615     |
| 19503    | 0.62 X 0.72     | 24.8                     | 531     | 19583    | 0.63            | 17.5                     | 561     | 19676    | 0.73 X 0.98     | 16.7                     | 625     |
| 19504    | 0.63            | 15.4                     | 556     | 19584    | 0.63            | 21.4                     | 570     | 19679    | 0.72 X 0.85     | 3                        | 618     |
| 19505    | 0.63            | 44.2                     | 581     | 19585    | 0.63            | 22.2                     | 572     | 19682    | 0.75            | 32.5                     | 646     |
| 19506    | 0.7             | 37.9                     | 607     | 19586    | 0.63            | 27.4                     | 577     | 19683    | 0.72            | 16.4                     | 613     |
| 19507    | 0.7             | 40.3                     | 607     | 19587    | 0.62            | 20.1                     | 512     | 19684    | 0.72            | 15.5                     | 613     |
| 19508    | 0.62            | 31.5                     | 522     | 19588    | 0.62            | 23.7                     | 518     | 19685    | 0.72            | 10.6                     | 610     |
| 19509    | 0.62 X 0.75     | 32.1                     | 542     | 19589    | 0.63            | 29                       | 578     | 19687    | 0.72            | 15.2                     | 612     |
| 19510    | 0.62            | 41.3                     | 525     | 19590    | 0.63            | 31.7                     | 579     | 19688    | 0.72            | 13.5                     | 611     |
| 19511    | 0.62            | 38.9                     | 524     | 19591    | 0.63            | 21.7                     | 571     | 19689    | 0.72            | 12.4                     | 611     |
| 19512    | 0.62            | 12.4                     | 496     | 19592    | 0.62            | 31.4                     | 522     | 19690    | 0.72            | 12.4                     | 611     |
| 19513    | 0.62            | 16.6                     | 503     | 19593    | 0.62 X 0.72     | 12.4                     | 529     | 19691    | 0.72            | 14.2                     | 611     |
| 19514    | 0.62 X 0.72     | 20.3                     | 530     | 19594    | 0.62 X 0.72     | 16.6                     | 530     | 19692    | 0.72            | 15.3                     | 612     |
| 19515    | 0.62 X 0.73     | 31.9                     | 533     | 19595    | 0.62 X 0.72     | 19.6                     | 530     | 19694    | 0.72            | 18.8                     | 615     |
| 19516    | 0.62            | 30.1                     | 522     | 19596    | 0.62 X 0.73     | 14                       | 532     | 19695    | 0.72            | 14.7                     | 612     |
| 19517    | 0.65            | 13.1                     | 598     | 19597    | 0.62 X 0.73     | 17.6                     | 532     | 19696    | 0.72            | 19.1                     | 615     |
| 19518    | 0.65            | 15.1                     | 599     | 19598    | 0.66            | 6.6                      | 604     | 19697    | 0.72            | 20.4                     | 616     |
| 19519    | 0.65            | 13.7                     | 598     | 19599    | 0.62            | 11.2                     | 494     | 19698    | 0.78            | 33.9                     | 657     |
| 19520    | 0.65            | 11.2                     | 598     | 19600    | 0.75            | 11                       | 631     | 19699    | 0.74            | 21.8                     | 627     |
| 19521    | 0.65            | 22.1                     | 600     | 19601    | 0.75            | 13.5                     | 633     | 19700    | 0.77            | 11.6                     | 657     |
| 19522    | 0.65            | 22.8                     | 601     | 19602    | 0.75            | 20.8                     | 642     | 19701    | 0.77            | 33.4                     | 657     |
| 19523    | 0.62 X 0.75     | 15.2                     | 538     | 19603    | 0.75            | 7.9                      | 629     | 19702    | 0.7 X 0.8       | 28                       | 608     |
| 19524    | 0.61 X 0.71     | 19.4                     | 484     | 19604    | 0.75            | 12.7                     | 632     | 19703    | 0.74            | 19.3                     | 626     |
| 19525    | 0.65 X 0.7      | 15.4                     | 603     | 19605    | 0.8             | 9.4                      | 658     | 19704    | 0.74            | 17.8                     | 626     |
| 19526    | 0.65 X 0.7      | 13.2                     | 603     | 19606    | 0.75            | 11.6                     | 631     | 19705    | 0.75            | 11.9                     | 631     |
| 19527    | 0.63            | 18                       | 561     | 19607    | 0.72            | 7.1                      | 609     | 19706    | 0.75 X 0.95     | 16.4                     | 652     |
| 19528    | 0.63            | 16.6                     | 559     | 19608    | 0.75            | 16.9                     | 638     | 19707    | 0.71            | 23.8                     | 609     |
| 19529    | 0.62            | 15.8                     | 501     | 19609    | 0.75            | 22.6                     | 644     | 19708    | 0.75            | 12.3                     | 632     |
| 19530    | 0.63            | 11.6                     | 549     | 19610    | 0.75            | 15.6                     | 636     | 19709    | 0.76            | 13.6                     | 654     |
| 19531    | 0.64            | 21.8                     | 595     | 19611    | 0.75            | 20.9                     | 642     | 19710    | 0.75            | 16.4                     | 637     |
| 19532    | 0.64            | 27.5                     | 595     | 19612    | 0.73            | 17.9                     | 622     | 19711    | 0.76            | 15.3                     | 654     |
| 19533    | 0.64            | 19                       | 594     | 19613    | 0.75            | 23.1                     | 644     | 19712    | 0.75            | 18.8                     | 640     |
| 19534    | 0.64            | 25                       | 595     | 19614    | 0.75            | 20.4                     | 641     | 19713    | 0.74            | 9.5                      | 625     |
| 19535    | 0.63            | 4.9                      | 546     | 19615    | 0.75            | 40                       | 648     | 19714    | 0.71            | 13.8                     | 609     |
| 19536    | 0.63 X 0.75     | 29                       | 591     | 19616    | 0.75            | 36.6                     | 647     | 19717    | 0.72            | 11.6                     | 610     |
| 19537    | 0.62 X 0.75     | 18.6                     | 539     | 19617    | 0.75            | 12.6                     | 632     | 19718    | 0.73            | 8.9                      | 619     |
| 19538    | 0.63 X 0.75     | 36.8                     | 592     | 19619    | 0.75            | 12.3                     | 632     | 19719    | 0.7 X 0.91      | 38.9                     | 609     |
| 19539    | 0.63 X 0.75     | 27                       | 590     | 19620    | 0.75            | 13.6                     | 633     | 19722    | 0.72            | 17.5                     | 614     |
| 19541    | 0.63 X 0.75     | 27.2                     | 591     | 19621    | 0.72            | 11.1                     | 610     | 19723    | 0.72            | 19.1                     | 615     |
| 19542    | 0.63 X 0.7      | 14.7                     | 582     | 19622    | 0.75            | 13                       | 633     | 19724    | 0.72            | 12.7                     | 611     |
| 19543    | 0.63 X 0.7      | 21.5                     | 582     | 19623    | 0.75            | 17.5                     | 639     | 19725    | 0.72            | 19.9                     | 616     |
| 19544    | 0.63            | 11.5                     | 549     | 19624    | 0.75            | 18.1                     | 639     | 19726    | 0.75 X 1        | 27.3                     | 653     |
| 19545    | 0.66            | 13.3                     | 604     | 19625    | 0.75            | 10.6                     | 630     | 19727    | 0.74            | 11.6                     | 625     |
| 19546    | 0.625           | 31.1                     | 545     | 19626    | 0.72            | 16.8                     | 613     | 19728    | 0.73            | 9.1                      | 619     |
| 19547    | 0.7 X 0.82      | 15.8                     | 608     | 19627    | 0.75            | 20.4                     | 641     | 19729    | 0.73            | 10.5                     | 620     |
| 19548    | 0.7 X 0.82      | 17.7                     | 608     | 19628    | 0.75            | 19.8                     | 641     | 19731    | 0.72            | 19.1                     | 615     |
| 19549    | 0.63            | 14.5                     | 554     | 19629    | 0.75            | 20.1                     | 641     | 19733    | 0.72            | 15.1                     | 612     |
| 19550    | 0.63            | 27.2                     | 577     | 19630    | 0.75            | 18.2                     | 639     | 19734    | 0.72            | 18.3                     | 614     |
| 19551    | 0.63            | 14.7                     | 554     | 19631    | 0.75            | 18.4                     | 640     | 19735    | 0.61 X 0.78     | 11.2                     | 487     |
| 19552    | 0.63            | 19.4                     | 565     | 19632    | 0.75            | 21.7                     | 643     | 19736    | 0.72            | 7.5                      | 610     |
| 19553    | 0.63            | 5                        | 546     | 19633    | 0.75            | 13.6                     | 634     | 19737    | 0.72            | 7.7                      | 610     |
| 19554    | 0.625           | 18.9                     | 545     | 19635    | 0.75            | 16.4                     | 637     | 19738    | 0.72            | 8.5                      | 610     |
| 19555    | 0.63            | 19.2                     | 565     | 19636    | 0.75            | 13.5                     | 633     | 19739    | 0.72            | 9.5                      | 610     |
| 19556    | 0.63            | 15.2                     | 555     | 19638    | 0.75            | 16.1                     | 636     | 19740    | 0.75            | 27.4                     | 645     |
| 19557    | 0.63            | 17.4                     | 560     | 19639    | 0.72            | 16.9                     | 614     | 19741    | 0.72            | 13.7                     | 611     |
| 19558    | 0.63            | 22.4                     | 572     | 19640    | 0.75            | 16.5                     | 637     | 19742    | 0.72            | 9                        | 610     |
| 19559    | 0.63            | 27.8                     | 577     | 19641    | 0.75            | 22.1                     | 643     | 19743    | 0.72 X 0.92     | 13                       | 619     |
| 19560    | 0.61            | 20.1                     | 483     | 19644    | 0.75            | 25.7                     | 645     | 19744    | 0.75            | 16.8                     | 638     |
| 19561    | 0.61            | 18.2                     | 482     | 19645    | 0.75            | 15.3                     | 636     | 19745    | 0.75            | 13.5                     | 633     |
| 19562    | 0.61 X 0.77     | 4.8                      | 487     | 19650    | 0.72            | 17.1                     | 614     | 19746    | 0.72            | 22.6                     | 616     |
| 19563    | 0.63            | 18.9                     | 564     | 19652    | 0.75            | 16.5                     | 637     | 19747    | 0.72            | 14.7                     | 612     |
| 19564    | 0.63            | 25.7                     | 576     | 19653    | 0.72            | 16.4                     | 613     | 19748    | 0.75            | 22.5                     | 643     |
| 19565    | 0.63            | 14.5                     | 554     | 19656    | 0.72            | 39                       | 617     | 19749    | 0.75            | 8.4                      | 629     |
| 19566    | 0.63            | 16.1                     | 558     | 19657    | 0.72            | 23.9                     | 616     | 19750    | 0.75            | 13.7                     | 634     |
| 19567    | 0.63            | 15.3                     | 556     | 19658    | 0.72            | 6.8                      | 609     | 19751    | 0.75            | 16.5                     | 637     |
| 19568    | 0.63            | 16.1                     | 558     | 19659    | 0.72            | 12.7                     | 611     | 19752    | 0.75            | 19.4                     | 640     |
| 19569    | 0.62            | 46.4                     | 526     | 19660    | 0.72            | 21.7                     | 616     | 19753    | 0.75            | 7                        | 629     |
| 19570    | 0.62            | 47.7                     | 527     | 19661    | 0.72            | 4.3                      | 609     | 19754    | 0.75            | 16.7                     | 637     |
| 19571    | 0.63            | 12.8                     | 550     | 19662    | 0.75            | 18                       | 639     | 19755    | 0.75            | 34.6                     | 647     |
| 19572    | 0.62            | 14.9                     | 500     | 19663    | 0.62 X 1        | 43.3                     | 545     | 19756    | 0.75            | 36.4                     | 647     |
| 19573    | 0.63            | 32.2                     | 579     | 19665    | 0.75            | 13.9                     | 634     | 19757    | 0.72            | 43.8                     | 618     |
| 19574    | 0.63            | 13.8                     | 552     | 19666    | 0.72            | 15.2                     | 612     | 19758    | 0.75            | 21.3                     | 643     |
| 19575    | 0.63            | 25.1                     | 575     | 19670    | 0.75            | 6.9                      | 629     | 19759    | 0.75            | 24.3                     | 644     |
| 19576    | 0.63 X 0.7      | 21                       | 582     | 19671    | 0.75            | 6.6                      | 629     | 19760    | 0.73            | 16.4                     | 621     |
| 19577    | 0.63 X 0.7      | 22.5                     | 582     | 19672    | 0.75            | 10.7                     | 630     | 19761    | 0.74            | 30.7                     | 627     |
| 19578    | 0.61 X 0.73     | 29.9                     | 485     | 19673    | 0.72            | 13.6                     | 611     | 19762    | 0.74            | 26.5                     | 627     |

## Hose Dimensions — Listed in Order by Part Number

| Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. |
|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|
| 19763    | 0.76            | 20.7                     | 655     | 19844    | 0.75            | 22.5                     | 644     | 19922    | 0.63            | 8.8                      | 547     |
| 19764    | 0.75            | 14.4                     | 635     | 19845    | 0.75            | 12.7                     | 632     | 19923    | 0.44            | 4.22                     | 454     |
| 19765    | 0.75            | 37.9                     | 648     | 19846    | 0.75            | 32                       | 646     | 19924    | 0.44            | 2.8                      | 453     |
| 19766    | 0.75            | 17.9                     | 639     | 19847    | 0.75            | 8.6                      | 629     | 19925    | 0.44            | 4.26                     | 454     |
| 19767    | 0.72            | 41.3                     | 618     | 19848    | 0.75            | 14.8                     | 635     | 19926    | 0.3             | 3                        | 430     |
| 19768    | 0.73            | 8.1                      | 619     | 19849    | 0.75            | 24.8                     | 644     | 19927    | 0.44            | 3.5                      | 453     |
| 19769    | 0.73            | 9                        | 619     | 19850    | 0.75            | 13.6                     | 634     | 19928    | 0.44            | 4.1                      | 454     |
| 19770    | 0.73            | 10.3                     | 620     | 19851    | 0.75 X 0.82     | 9.8                      | 649     | 19929    | 0.44            | 2.9                      | 453     |
| 19771    | 0.74            | 19.4                     | 626     | 19852    | 0.75 X 0.82     | 17                       | 649     | 19930    | 0.44            | 3.3                      | 453     |
| 19772    | 0.75            | 27.4                     | 646     | 19853    | 0.75            | 20.6                     | 642     | 19931    | 0.59            | 12.61                    | 469     |
| 19773    | 0.73            | 19.1                     | 622     | 19854    | 0.75            | 19.2                     | 640     | 19932    | 0.69 X 0.8      | 21.07                    | 606     |
| 19774    | 0.75            | 20.4                     | 641     | 19856    | 0.64 X 0.73     | 28.1                     | 597     | 19933    | 0.66 X 0.83     | 13.1                     | 606     |
| 19775    | 0.75            | 22.5                     | 643     | 19857    | 0.75            | 22.6                     | 644     | 19934    | 0.69            | 10.03                    | 606     |
| 19776    | 0.72            | 31.7                     | 617     | 19858    | 0.74            | 17                       | 625     | 19935    | 0.69            | 11.98                    | 606     |
| 19777    | 0.74 X 0.93     | 17.7                     | 628     | 19859    | 0.75            | 11.7                     | 631     | 19936    | 0.3             | 24.75                    | 432     |
| 19778    | 0.73            | 20.5                     | 623     | 19860    | 0.73            | 21.3                     | 623     | 19937    | 0.59 X 0.79     | 6.25                     | 475     |
| 19779    | 0.74 X 0.99     | 12.7                     | 628     | 19861    | 0.75            | 15                       | 635     | 19938    | 0.76 X 0.93     | 11.75                    | 656     |
| 19780    | 0.74            | 20.3                     | 626     | 19862    | 0.75            | 30.9                     | 646     | 19939    | 0.72 X 0.78     | 15.09                    | 618     |
| 19781    | 0.74            | 19.2                     | 626     | 19863    | 0.82            | 33.9                     | 658     | 19940    | 0.5             | 9.92                     | 458     |
| 19782    | 0.74 X 0.99     | 15.6                     | 628     | 19864    | 0.75            | 21.6                     | 643     | 19942    | 0.75            | 9.78                     | 630     |
| 19783    | 0.74            | 35.7                     | 627     | 19865    | 0.75            | 27.1                     | 645     | 19943    | 0.75            | 10.9                     | 631     |
| 19784    | 0.76            | 9.8                      | 653     | 19866    | 0.9 X 1.2       | 20.1                     | 660     | 19944    | 0.3             | 13.14                    | 432     |
| 19785    | 0.76            | 11.1                     | 654     | 19867    | 0.88 X 1.05     | 23.4                     | 659     | 19945    | 0.72 X 0.96     | 7.6                      | 619     |
| 19786    | 0.75 X 0.95     | 15.5                     | 652     | 19868    | 0.88 X 1.05     | 23                       | 659     | 19946    | 0.66 X 0.75     | 11.1                     | 605     |
| 19787    | 0.76            | 24                       | 656     | 19869    | 0.74            | 18.1                     | 626     | 19947    | 0.38            | 23.4                     | 452     |
| 19788    | 0.76            | 18.3                     | 655     | 19870    | 0.74            | 16.8                     | 625     | 19948    | 0.75 X 0.96     | 15.6                     | 652     |
| 19789    | 0.76            | 17.7                     | 654     | 19871    | 0.75            | 10.8                     | 630     | 19949    | 0.38            | 14.3                     | 451     |
| 19790    | 0.76            | 20.13                    | 655     | 19872    | 0.73            | 15.2                     | 621     | 19950    | 0.38            | 21.5                     | 452     |
| 19791    | 0.76            | 24.9                     | 656     | 19873    | 0.73            | 14.8                     | 621     | 19951    | 0.59 X 0.75     | 33.7                     | 475     |
| 19792    | 0.76 X 0.96     | 11.3                     | 656     | 19874    | 0.69 X 0.84     | 10.9                     | 606     | 19952    | 0.75 X 0.96     | 28.74                    | 652     |
| 19793    | 0.76            | 17.6                     | 654     | 19875    | 0.69 X 0.84     | 15.8                     | 607     | 19953    | 0.88            | 54.2                     | 659     |
| 19794    | 0.76 X 0.96     | 7.8                      | 656     | 19876    | 0.75            | 28.8                     | 646     | 19954    | 0.63            | 8.1                      | 546     |
| 19795    | 0.76            | 9.9                      | 653     | 19877    | 0.75            | 27.6                     | 646     | 19955    | 0.36 X 0.44     | 13.23                    | 449     |
| 19796    | 0.76            | 5.1                      | 653     | 19878    | 0.75            | 11.4                     | 631     | 19956    | 0.35            | 10.73                    | 448     |
| 19797    | 0.76            | 22                       | 655     | 19879    | 0.75            | 13.8                     | 634     | 19957    | 0.5             | 16.87                    | 461     |
| 19798    | 0.76 X 0.96     | 17.8                     | 657     | 19880    | 0.75            | 35.2                     | 647     | 19958    | 0.5             | 9.94                     | 458     |
| 19799    | 0.76            | 13.2                     | 654     | 19881    | 0.75            | 33.7                     | 647     | 19959    | 0.63            | 8.75                     | 546     |
| 19800    | 0.75            | 17.24                    | 638     | 19882    | 0.75            | 26.4                     | 645     | 19960    | 0.63            | 7.2                      | 546     |
| 19802    | 0.87 X 1        | 5.1                      | 659     | 19883    | 0.75            | 36.5                     | 647     | 19961    | 0.63            | 14.99                    | 555     |
| 19803    | 0.77            | 11.5                     | 657     | 19884    | 0.75            | 9.4                      | 629     | 19962    | 0.63            | 25.8                     | 576     |
| 19804    | 0.77            | 34.7                     | 657     | 19885    | 0.75            | 21.7                     | 643     | 19963    | 0.63            | 15.74                    | 558     |
| 19805    | 0.73 X 0.95     | 22.75                    | 624     | 19886    | 0.75            | 20.6                     | 642     | 19964    | 0.63            | 17.41                    | 561     |
| 19806    | 0.75            | 10.51                    | 630     | 19887    | 0.77            | 19.5                     | 657     | 19965    | 0.63            | 20.7                     | 568     |
| 19807    | 0.73            | 12.53                    | 620     | 19888    | 0.73 X 0.97     | 29.5                     | 625     | 19966    | 0.63            | 22.6                     | 573     |
| 19808    | 0.73            | 9.32                     | 619     | 19889    | 0.62 X 0.75     | 26.3                     | 541     | 19967    | 0.63            | 20                       | 567     |
| 19810    | 0.75            | 15.2                     | 636     | 19890    | 0.63 X 0.73     | 20.8                     | 585     | 19968    | 0.63            | 19.06                    | 564     |
| 19811    | 0.75            | 18.2                     | 639     | 19891    | 0.74 X 0.62     | 20.2                     | 627     | 19969    | 0.73 X 0.75     | 11.75                    | 624     |
| 19812    | 1               | 32.67                    | 660     | 19892    | 0.73            | 18.7                     | 622     | 19970    | 0.4 X 0.39      | 24.75                    | 453     |
| 19813    | 0.73            | 35.5                     | 624     | 19893    | 0.73            | 12.2                     | 620     | 19971    | 0.73 X 0.9      | 21                       | 624     |
| 19814    | 0.73            | 34.5                     | 624     | 19894    | 0.73            | 15.9                     | 621     | 19972    | 0.6 X 0.83      | 16.5                     | 480     |
| 19815    | 0.73            | 14.9                     | 621     | 19895    | 0.73            | 15.9                     | 621     | 19973    | 0.81 X 0.83     | 58                       | 658     |
| 19816    | 0.73            | 19.1                     | 622     | 19896    | 0.73            | 30.2                     | 623     | 19974    | 0.31            | 25                       | 443     |
| 19817    | 0.76            | 15.2                     | 654     | 19897    | 0.73            | 28.6                     | 623     | 19975    | 0.8 X 1         | 34.9                     | 658     |
| 19818    | 0.76            | 19.9                     | 655     | 19898    | 0.73            | 28.4                     | 623     | 19976    | 0.66 X 0.75     | 12.5                     | 606     |
| 19819    | 0.75            | 17.8                     | 639     | 19899    | 0.73            | 31.1                     | 624     | 19977    | 0.72 X 0.85     | 18.1                     | 619     |
| 19820    | 0.75            | 19.9                     | 641     | 19900    | 0.73            | 26.5                     | 623     | 19978    | 0.75 X 0.98     | 19.4                     | 652     |
| 19821    | 0.75            | 14                       | 634     | 19901    | 0.73            | 28.9                     | 623     | 19979    | 0.63 X 0.95     | 23.2                     | 593     |
| 19822    | 0.73            | 10.1                     | 620     | 19902    | 0.73            | 31.2                     | 624     | 19980    | 0.63            | 18.1                     | 562     |
| 19823    | 0.75            | 16.8                     | 638     | 19903    | 0.73            | 16.8                     | 622     | 19981    | 0.8 X 0.94      | 36.5                     | 658     |
| 19824    | 0.73            | 16.7                     | 622     | 19904    | 0.73            | 13.8                     | 620     | 19982    | 0.79 X 0.98     | 25.1                     | 658     |
| 19825    | 0.74 X 1.01     | 14.2                     | 628     | 19905    | 0.73            | 14                       | 621     | 19983    | 0.61            | 8.49                     | 481     |
| 19826    | 0.75            | 17.4                     | 638     | 19906    | 0.73            | 19.5                     | 622     | 19984    | 0.7             | 5.7                      | 607     |
| 19827    | 0.8             | 25                       | 658     | 19907    | 0.72            | 9.5                      | 610     | 19985    | 0.59            | 12.12                    | 469     |
| 19829    | 0.75            | 20                       | 641     | 19908    | 0.71            | 11.9                     | 609     | 19986    | 0.75 X 1        | 13.65                    | 653     |
| 19830    | 0.75            | 20.6                     | 642     | 19909    | 0.73            | 9.8                      | 620     | 19987    | 0.75 X 0.94     | 4.8                      | 651     |
| 19831    | 0.75            | 18.2                     | 639     | 19910    | 0.73            | 11.9                     | 620     | 19988    | 0.75            | 10                       | 630     |
| 19832    | 0.75            | 26.4                     | 645     | 19911    | 0.71            | 20.4                     | 609     | 19989    | 0.59            | 9.46                     | 468     |
| 19833    | 0.76            | 20.3                     | 655     | 19912    | 0.72            | 18.8                     | 615     | 19990    | 0.75            | 11.77                    | 631     |
| 19834    | 0.76            | 9.4                      | 653     | 19913    | 0.74            | 17.7                     | 625     | 19991    | 0.75            | 10.3                     | 630     |
| 19836    | 0.75            | 14.5                     | 635     | 19914    | 0.74            | 21.5                     | 627     | 19992    | 0.75 X 0.96     | 5.27                     | 652     |
| 19837    | 0.75            | 25.1                     | 644     | 19915    | 0.72 X 0.84     | 17.7                     | 618     | 19993    | 0.62 X 0.75     | 13.21                    | 537     |
| 19838    | 0.74 X 0.79     | 16.4                     | 627     | 19916    | 0.72            | 18.6                     | 614     | 19994    | 0.59 X 0.75     | 15.7                     | 475     |
| 19839    | 0.75            | 38.1                     | 648     | 19917    | 0.72            | 24.2                     | 617     | 19995    | 0.75            | 9.57                     | 629     |
| 19840    | 0.75            | 19                       | 640     | 19918    | 0.75            | 10.8                     | 630     | 19996    | 0.62            | 5.44                     | 489     |
| 19841    | 0.75            | 19                       | 640     | 19919    | 0.75            | 25.3                     | 645     | 19997    | 0.59            | 6                        | 468     |
| 19842    | 0.75            | 12.8                     | 633     | 19920    | 0.75            | 8.2                      | 629     | 19998    | 0.6             | 8.2                      | 476     |
| 19843    | 0.75            | 16.8                     | 638     | 19921    | 0.72            | 25                       | 617     | 20046    | 1.75            | 18                       | 293     |

## Hose Dimensions — Listed in Order by Part Number

| Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. |
|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|
| 20065    | 1.5             | 9.8                      | 226     | 20521    | 0.61            | 4.8                      | 2       | 20685    | 2               | 9.2                      | 321     |
| 20088    | 1.5             | 16.6                     | 234     | 20523    | 2 X 2.26        | 14.7                     | 333     | 20686    | 1.5             | 24.1                     | 247     |
| 20121    | 1.5             | 17.9                     | 236     | 20530    | 2.63            | 9.2                      | 357     | 20687    | 1.5 X 1.75      | 18.2                     | 261     |
| 20137    | 1.25            | 15.7                     | 67      | 20531    | 1.75            | 20.4                     | 295     | 20693    | 1               | 6.5                      | 10      |
| 20145    | 1.75            | 16.4                     | 291     | 20532    | 2 X 2.25        | 3                        | 330     | 20694    | 1.75            | 23.2                     | 297     |
| 20151    | 1.75            | 5.8                      | 288     | 20535    | 1.25            | 11.3                     | 61      | 20697    | 1.5 X 1.7       | 22.3                     | 258     |
| 20157    | 1.06            | 12.2                     | 20      | 20536    | 1.75            | 24.2                     | 298     | 20699    | 1.25            | 10.1                     | 61      |
| 20166    | 1.5             | 12.9                     | 230     | 20537    | 1.5 X 1.78      | 19.2                     | 269     | 20700    | 1.25 X 1.3      | 18.4                     | 83      |
| 20168    | 1.56            | 17.3                     | 278     | 20538    | 1.5 X 1.75      | 15.8                     | 260     | 20701    | 1.25 X 1.55     | 14.2                     | 100     |
| 20172    | 2.25            | 9.3                      | 336     | 20539    | 1.5 X 1.88      | 15.1                     | 270     | 20702    | 1.5 X 1.75      | 16.6                     | 261     |
| 20191    | 0.53            | 3.9                      | 1       | 20540    | 1.5             | 16.6                     | 234     | 20703    | 1.5 X 1.87      | 20.1                     | 270     |
| 20206    | 2               | 10                       | 321     | 20541    | 1.5             | 24.6                     | 248     | 20704    | 1.5             | 24.7                     | 248     |
| 20225    | 1.75            | 16.5                     | 291     | 20542    | 1.5             | 21.6                     | 244     | 20705    | 1.5 X 1.87      | 17.9                     | 270     |
| 20226    | 1.5             | 16.2                     | 233     | 20543    | 1.5             | 25.4                     | 249     | 20706    | 1.25 X 1.5      | 20.2                     | 93      |
| 20229    | 1.5             | 21.1                     | 243     | 20544    | 1.75 X 1.88     | 14                       | 302     | 20710    | 1.5             | 35.7                     | 255     |
| 20230    | 1.5             | 17.2                     | 235     | 20546    | 1.75 X 2        | 12.4                     | 303     | 20719    | 1.75 X 2        | 15.2                     | 304     |
| 20242    | 1.75            | 11.2                     | 289     | 20548    | 1.8             | 15.2                     | 313     | 20720    | 1.5             | 18.2                     | 237     |
| 20267    | 1.5             | 7.8                      | 226     | 20549    | 1.5             | 23                       | 246     | 20722    | 1.5             | 13.5                     | 230     |
| 20276    | 1.75 X 2        | 15                       | 304     | 20556    | 0.98            | 10.1                     | 10      | 20731    | 2.25            | 25.6                     | 340     |
| 20294    | 1.5             | 12.8                     | 229     | 20557    | 2               | 13.7                     | 322     | 20733    | 1.5             | 13.9                     | 231     |
| 20295    | 1.75 X 2        | 14.9                     | 303     | 20558    | 1.75            | 17.7                     | 292     | 20734    | 1.5             | 15.7                     | 232     |
| 20333    | 0.8             | 6.9                      | 8       | 20559    | 1.5 X 1.75      | 15.7                     | 260     | 20735    | 2               | 23.4                     | 326     |
| 20338    | 0.61            | 4.9                      | 2       | 20563    | 1.28            | 6.3                      | 117     | 20744    | 2.75            | 12.6                     | 358     |
| 20345    | 1.75            | 18.7                     | 293     | 20564    | 2.5 X 2.7       | 3.5                      | 356     | 20747    | 1.75            | 12.2                     | 289     |
| 20351    | 1.5 X 1.75      | 3.5                      | 259     | 20565    | 1               | 10.5                     | 11      | 20748    | 2.25            | 6.3                      | 336     |
| 20355    | 1.5             | 14                       | 231     | 20566    | 1               | 8.1                      | 10      | 20753    | 1.58            | 16                       | 280     |
| 20356    | 2               | 19.8                     | 325     | 20567    | 1               | 11.6                     | 11      | 20756    | 2.25            | 10.7                     | 337     |
| 20357    | 1.75            | 7.9                      | 288     | 20568    | 1               | 8.5                      | 11      | 20758    | 1.62 X 1.75     | 16.1                     | 281     |
| 20364    | 1.56            | 15.8                     | 278     | 20572    | 1.75 X 2.25     | 15                       | 311     | 20760    | 2.5             | 12.1                     | 349     |
| 20365    | 1.75            | 20                       | 295     | 20573    | 1.5 X 1.75      | 15.3                     | 260     | 20761    | 1.75 X 2        | 26.6                     | 309     |
| 20369    | 2.25 X 2.5      | 3.4                      | 342     | 20577    | 1.5             | 28.6                     | 252     | 20763    | 1.5             | 20.6                     | 242     |
| 20370    | 1.5             | 17                       | 235     | 20579    | 1.75 X 2        | 24.8                     | 308     | 20764    | 1.75            | 12.6                     | 289     |
| 20380    | 1.5             | 19.8                     | 240     | 20582    | 1.75            | 19.5                     | 294     | 20767    | 1.5 X 1.75      | 23                       | 265     |
| 20386    | 1.5             | 15.6                     | 232     | 20584    | 1.75            | 24                       | 298     | 20770    | 1.25            | 14.3                     | 64      |
| 20387    | 2               | 15.4                     | 323     | 20587    | 2.7             | 17.7                     | 358     | 20771    | 1.25            | 21.6                     | 73      |
| 20390    | 1.5 X 1.75      | 18.5                     | 262     | 20589    | 2               | 15.2                     | 323     | 20773    | 1.31 X 1.44     | 10.7                     | 162     |
| 20397    | 2.25            | 17.4                     | 338     | 20590    | 1.88 X 2.12     | 17.9                     | 315     | 20774    | 1.25            | 11.3                     | 62      |
| 20400    | 1.75            | 19                       | 294     | 20594    | 1.5             | 16.5                     | 234     | 20775    | 1               | 12.4                     | 12      |
| 20401    | 2.25            | 24.2                     | 339     | 20595    | 1.75 X 2        | 18.8                     | 306     | 20776    | 1.38            | 9.5                      | 196     |
| 20406    | 1.5             | 22                       | 244     | 20597    | 1.5             | 21.6                     | 244     | 20777    | 1               | 9.6                      | 11      |
| 20411    | 1.75 X 2        | 15.6                     | 304     | 20598    | 1.5             | 29.6                     | 253     | 20779    | 1.25            | 16.8                     | 68      |
| 20412    | 1.75 X 2        | 15.5                     | 304     | 20601    | 1.75 X 2        | 17.7                     | 305     | 20780    | 1.25            | 16.7                     | 68      |
| 20416    | 1.5             | 20.6                     | 242     | 20602    | 1.5             | 20.7                     | 242     | 20781    | 1               | 10                       | 11      |
| 20417    | 1.75            | 19.7                     | 295     | 20603    | 1.5 X 1.75      | 19.6                     | 263     | 20782    | 1               | 9.8                      | 11      |
| 20420    | 2               | 19.6                     | 325     | 20605    | 0.61            | 6.5                      | 2       | 20783    | 1.31            | 22.9                     | 156     |
| 20424    | 2               | 13.8                     | 322     | 20606    | 1.5             | 20.5                     | 241     | 20786    | 1.38 X 1.56     | 14.5                     | 200     |
| 20427    | 2               | 21.2                     | 326     | 20607    | 1.5             | 24.4                     | 247     | 20791    | 1.25 X 1.5      | 14.2                     | 90      |
| 20431    | 2 X 2.25        | 16.4                     | 331     | 20608    | 1.75 X 1.87     | 13.8                     | 302     | 20793    | 1.25 X 1.42     | 14.8                     | 87      |
| 20433    | 1.5 X 1.75      | 12.1                     | 259     | 20609    | 1.75            | 16.8                     | 291     | 20795    | 1.25            | 20.2                     | 71      |
| 20437    | 1.75            | 19.6                     | 294     | 20610    | 1.75 X 1.88     | 19.7                     | 302     | 20797    | 1.25 X 1.5      | 14.6                     | 90      |
| 20441    | 1.56 X 1.69     | 18.8                     | 279     | 20611    | 2               | 16.9                     | 324     | 20799    | 1.18 X 1.38     | 15.6                     | 31      |
| 20442    | 1.5             | 20.2                     | 240     | 20613    | 1.75 X 2.07     | 18.3                     | 311     | 20800    | 1.26 X 1.45     | 21                       | 103     |
| 20450    | 1.5             | 11.5                     | 227     | 20614    | 1.75 X 2.07     | 15                       | 311     | 20801    | 1.26 X 1.5      | 12.7                     | 104     |
| 20451    | 1.25 X 1.5      | 17.9                     | 91      | 20615    | 1.75 X 2.07     | 10.8                     | 310     | 20802    | 0.92            | 7.2                      | 9       |
| 20452    | 1.5 X 2         | 12.3                     | 271     | 20617    | 1.75 X 2        | 21.4                     | 307     | 20805    | 1.38 X 1.5      | 15                       | 199     |
| 20457    | 2 X 2.25        | 17.8                     | 331     | 20618    | 0.75            | 4.9                      | 6       | 20808    | 1.31            | 11.9                     | 143     |
| 20458    | 1.75 X 2.25     | 10.8                     | 311     | 20620    | 1.5 X 1.94      | 22.8                     | 271     | 20809    | 1.5             | 19.6                     | 240     |
| 20459    | 2.25            | 12.6                     | 337     | 20621    | 1.75            | 18.6                     | 293     | 20810    | 1.5             | 18.4                     | 237     |
| 20465    | 1.5             | 17.2                     | 235     | 20622    | 1.75 X 2        | 18.1                     | 306     | 20811    | 1.75            | 27                       | 299     |
| 20466    | 1.5             | 20.6                     | 242     | 20623    | 1.75            | 21.8                     | 296     | 20812    | 1.75            | 22.4                     | 297     |
| 20468    | 1.5             | 18.4                     | 237     | 20625    | 0.75 X 0.84     | 10.2                     | 7       | 20813    | 1.75 X 1.88     | 17.7                     | 302     |
| 20470    | 1.5             | 18.7                     | 238     | 20626    | 1.5             | 20.6                     | 242     | 20814    | 1.5             | 18.1                     | 237     |
| 20473    | 1.5             | 12.8                     | 229     | 20627    | 1.75            | 15.5                     | 290     | 20816    | 1.5             | 21.2                     | 243     |
| 20475    | 1.75            | 14.5                     | 290     | 20630    | 1.5             | 16                       | 233     | 20817    | 1.5             | 20.8                     | 242     |
| 20476    | 1.25            | 11.3                     | 61      | 20632    | 1.5             | 32.2                     | 254     | 20819    | 1.75 X 1.88     | 18.9                     | 302     |
| 20489    | 1.75            | 17.8                     | 292     | 20636    | 1.5 X 1.7       | 15.4                     | 258     | 20820    | 1.26 X 1.46     | 23.3                     | 104     |
| 20492    | 1.56            | 17.4                     | 278     | 20637    | 1.75            | 17.4                     | 292     | 20823    | 1.5             | 26.6                     | 250     |
| 20493    | 2 X 2.25        | 15.5                     | 331     | 20639    | 2 X 2.25        | 29.9                     | 333     | 20827    | 1.5             | 27.1                     | 251     |
| 20498    | 1.75 X 2        | 11.3                     | 303     | 20660    | 1.5 X 1.75      | 16                       | 260     | 20835    | 2.13            | 15.9                     | 336     |
| 20504    | 1.5             | 23                       | 245     | 20661    | 1.25            | 11.4                     | 62      | 20836    | 1.5             | 22.5                     | 245     |
| 20505    | 1.75            | 10.8                     | 288     | 20662    | 0.61 X 0.75     | 5.2                      | 2       | 20837    | 1.5 X 2         | 20.3                     | 271     |
| 20508    | 1.5             | 26.5                     | 250     | 20663    | 1.75            | 16.1                     | 291     | 20838    | 1.5             | 28.9                     | 253     |
| 20509    | 1.75 X 2.07     | 16.5                     | 311     | 20674    | 1.75            | 21.2                     | 296     | 20839    | 1.25            | 15.4                     | 66      |
| 20510    | 1.75 X 2        | 16.2                     | 305     | 20675    | 1.75            | 22.3                     | 297     | 20840    | 1.5             | 37.8                     | 256     |
| 20511    | 1.5             | 14.8                     | 231     | 20676    | 1.5             | 32.6                     | 254     | 20841    | 1.5 X 1.75      | 19.7                     | 263     |
| 20516    | 1.75            | 14.6                     | 290     | 20677    | 1.5 X 1.75      | 25.1                     | 266     | 20842    | 1.5 X 1.75      | 20.7                     | 264     |
| 20520    | 1.75 X 2        | 5                        | 303     | 20683    | 1.5             | 37.5                     | 256     | 20843    | 1.5 X 1.75      | 21.8                     | 264     |

## Hose Dimensions — Listed in Order by Part Number

| Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. |
|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|
| 20844    | 2 X 2.25        | 13.9                     | 331     | 20996    | 2.5             | 16.7                     | 351     | 21153    | 1.5             | 33.8                     | 255     |
| 20845    | 2 X 2.25        | 12.7                     | 330     | 21008    | 1               | 11.8                     | 11      | 21154    | 2 X 2.09        | 20                       | 330     |
| 20846    | 2 X 2.25        | 23                       | 332     | 21011    | 2.25 X 2.7      | 19                       | 346     | 21157    | 1.5             | 22.7                     | 245     |
| 20847    | 2 X 2.25        | 13.2                     | 330     | 21025    | 1.25            | 13.3                     | 63      | 21158    | 1.25            | 27                       | 78      |
| 20848    | 2 X 2.25        | 16.5                     | 331     | 21026    | 1.5             | 14.8                     | 231     | 21159    | 1.25 X 1.5      | 26                       | 96      |
| 20849    | 2 X 2.25        | 14.6                     | 331     | 21027    | 1.25            | 12.5                     | 63      | 21160    | 1.25 X 1.5      | 19.1                     | 92      |
| 20850    | 1.2             | 21.8                     | 44      | 21029    | 1               | 16.6                     | 12      | 21162    | 1.31            | 27.7                     | 159     |
| 20854    | 1.5 X 1.75      | 20.4                     | 264     | 21030    | 1               | 10.8                     | 11      | 21163    | 1.19            | 25.4                     | 38      |
| 20855    | 1.25 X 1.5      | 16.3                     | 91      | 21031    | 1.5 X 1.75      | 23.1                     | 265     | 21164    | 1.25            | 20.6                     | 71      |
| 20860    | 1.5 X 1.75      | 18.5                     | 262     | 21033    | 1.25 X 1.4      | 21.2                     | 87      | 21166    | 1.25 X 1.5      | 21.9                     | 94      |
| 20867    | 2.25            | 11.4                     | 337     | 21034    | 1.75 X 2        | 18.2                     | 306     | 21167    | 1.25 X 1.5      | 28.9                     | 97      |
| 20868    | 1.5             | 26.8                     | 251     | 21037    | 2.74            | 22                       | 358     | 21168    | 1               | 25.4                     | 14      |
| 20869    | 1.5             | 27.9                     | 252     | 21038    | 2.75 X 3        | 7                        | 359     | 21169    | 1               | 30                       | 14      |
| 20872    | 1.25            | 18.3                     | 69      | 21042    | 3               | 14                       | 360     | 21170    | 1.34            | 17.4                     | 177     |
| 20873    | 1.25            | 14.6                     | 65      | 21043    | 1.5             | 29.8                     | 254     | 21171    | 1.25            | 14                       | 64      |
| 20874    | 1.5             | 24.2                     | 247     | 21045    | 1.5 X 1.75      | 15.4                     | 260     | 21172    | 1.25 X 1.62     | 23.3                     | 101     |
| 20875    | 1.5             | 20.3                     | 241     | 21047    | 2               | 16.3                     | 324     | 21173    | 1.25            | 21.8                     | 73      |
| 20877    | 1.31            | 8.5                      | 142     | 21048    | 2               | 16.3                     | 324     | 21174    | 1.31            | 12.8                     | 144     |
| 20878    | 1.19            | 17.3                     | 35      | 21052    | 1.5             | 24.6                     | 248     | 21177    | 1.25            | 13.1                     | 63      |
| 20880    | 1.25            | 14.9                     | 66      | 21053    | 1.75 X 2        | 17.9                     | 305     | 21178    | 1.5 X 1.75      | 19.4                     | 262     |
| 20882    | 2 X 2.25        | 11                       | 330     | 21054    | 1.5 X 1.75      | 18.4                     | 262     | 21179    | 1.5             | 20.9                     | 243     |
| 20883    | 1.19 X 1.5      | 18.6                     | 43      | 21055    | 1.5 X 1.75      | 24.5                     | 265     | 21180    | 1.25            | 14.4                     | 65      |
| 20887    | 1.5 X 1.75      | 6.5                      | 259     | 21056    | 1               | 19.7                     | 13      | 21182    | 1.88            | 13.5                     | 314     |
| 20892    | 1.13 X 1.25     | 11.3                     | 25      | 21057    | 1               | 18.1                     | 12      | 21183    | 1.5             | 28.5                     | 252     |
| 20893    | 1.25            | 27.5                     | 78      | 21058    | 1.5 X 1.75      | 21.9                     | 264     | 21184    | 0.5             | 4.1                      | 1       |
| 20894    | 1               | 18.4                     | 13      | 21059    | 1.5 X 1.75      | 24.8                     | 265     | 21186    | 1.25            | 13.4                     | 63      |
| 20896    | 1               | 22.2                     | 13      | 21060    | 1.25 X 1.5      | 21                       | 94      | 21187    | 0.94            | 11                       | 9       |
| 20900    | 1.5             | 8.9                      | 226     | 21061    | 1.5 X 1.75      | 23.3                     | 265     | 21188    | 1.25            | 32                       | 80      |
| 20904    | 1.5 X 1.75      | 6.5                      | 259     | 21063    | 1.25            | 19.5                     | 70      | 21189    | 1.25            | 32.3                     | 81      |
| 20905    | 1.5 X 1.75      | 16.2                     | 260     | 21064    | 1.75            | 18.2                     | 293     | 21191    | 1.25 X 1.5      | 38.6                     | 99      |
| 20906    | 0.75 X 1        | 9.2                      | 7       | 21065    | 1.25            | 21.9                     | 73      | 21193    | 1.25 X 1.5      | 20.2                     | 93      |
| 20907    | 1.56            | 22.5                     | 278     | 21067    | 1.25            | 13.2                     | 63      | 21194    | 2.25            | 12.1                     | 337     |
| 20910    | 1.5 X 2         | 29.3                     | 271     | 21074    | 1.5 X 1.75      | 29.9                     | 267     | 21197    | 2               | 11.8                     | 322     |
| 20912    | 2 X 2.25        | 20.9                     | 332     | 21078    | 1.75 X 2        | 19.1                     | 306     | 21199    | 1.25 X 1.5      | 25.8                     | 96      |
| 20913    | 2 X 2.25        | 18.1                     | 331     | 21084    | 1.25            | 14                       | 64      | 21201    | 1.25 X 1.5      | 21.8                     | 94      |
| 20914    | 1.5             | 25.4                     | 249     | 21085    | 1.25            | 13.5                     | 64      | 21202    | 1.5 X 1.75      | 22                       | 264     |
| 20919    | 1.5             | 19                       | 239     | 21086    | 1.25 X 1.5      | 10.7                     | 89      | 21203    | 1.5             | 11.4                     | 227     |
| 20921    | 1.5             | 18.7                     | 238     | 21087    | 1.25 X 1.5      | 19.3                     | 92      | 21204    | 1.25 X 1.5      | 30.8                     | 98      |
| 20922    | 1.5 X 1.88      | 16.1                     | 270     | 21089    | 1.75 X 2        | 18.2                     | 306     | 21205    | 1.25 X 1.56     | 26.4                     | 100     |
| 20923    | 1.5 X 1.75      | 16                       | 260     | 21090    | 1.75 X 2        | 19.6                     | 307     | 21207    | 1.57 X 1.81     | 21.1                     | 280     |
| 20925    | 0.62            | 5.8                      | 3       | 21094    | 1.25            | 11.1                     | 61      | 21209    | 1.25            | 39.3                     | 82      |
| 20926    | 1.5 X 1.75      | 14.5                     | 259     | 21095    | 1.5             | 27.5                     | 251     | 21210    | 1.5 X 1.75      | 28.8                     | 267     |
| 20928    | 1.38 X 1.56     | 16.4                     | 201     | 21100    | 2               | 7.4                      | 321     | 21211    | 1.5             | 28.7                     | 253     |
| 20931    | 1.5 X 1.75      | 16.5                     | 261     | 21101    | 2.25 X 2.5      | 23.2                     | 344     | 21214    | 0.5             | 4.9                      | 1       |
| 20933    | 2               | 26.5                     | 327     | 21103    | 1.25 X 1.5      | 15.7                     | 90      | 21215    | 1.25 X 1.5      | 28.7                     | 96      |
| 20940    | 1.25            | 10                       | 61      | 21105    | 1.5             | 26                       | 250     | 21216    | 1.75            | 27.3                     | 299     |
| 20941    | 1.25            | 9.6                      | 61      | 21106    | 1.5             | 16.8                     | 235     | 21218    | 1.25            | 20.2                     | 71      |
| 20942    | 1.25            | 15.4                     | 66      | 21107    | 2               | 25.1                     | 327     | 21219    | 1.19 X 1.31     | 18.4                     | 42      |
| 20944    | 1.06            | 25                       | 22      | 21111    | 2               | 17.8                     | 324     | 21220    | 1.5             | 23.4                     | 246     |
| 20945    | 1.5             | 11.6                     | 228     | 21113    | 1.5             | 23.2                     | 246     | 21221    | 0.5             | 14.5                     | 1       |
| 20946    | 1.25 X 1.5      | 19.5                     | 93      | 21114    | 2.25            | 14.9                     | 337     | 21222    | 0.88            | 5.8                      | 8       |
| 20947    | 1.5             | 21.3                     | 244     | 21115    | 2.5             | 24.7                     | 353     | 21223    | 1.25            | 8.6                      | 60      |
| 20948    | 1               | 19                       | 13      | 21116    | 2.5 X 3.04      | 3.9                      | 357     | 21226    | 1.19            | 18.3                     | 35      |
| 20949    | 1.5             | 21.1                     | 243     | 21117    | 1.75 X 1.95     | 12.2                     | 303     | 21227    | 1               | 12                       | 12      |
| 20952    | 1.06            | 13.5                     | 20      | 21118    | 1.75 X 2        | 15.4                     | 304     | 21228    | 1               | 21.3                     | 13      |
| 20953    | 1.5             | 12.3                     | 229     | 21119    | 2.25            | 24.6                     | 340     | 21229    | 1.25            | 21.2                     | 72      |
| 20954    | 1.5 X 1.85      | 21.8                     | 270     | 21120    | 2.25            | 14.9                     | 337     | 21232    | 1.38            | 23                       | 197     |
| 20957    | 1.75            | 18.2                     | 293     | 21123    | 2.44 X 2.5      | 24.2                     | 348     | 21234    | 1.12            | 20.6                     | 24      |
| 20958    | 1.75            | 15.1                     | 290     | 21124    | 2               | 11.5                     | 322     | 21235    | 1.25            | 27.8                     | 78      |
| 20960    | 2.5 X 2.75      | 12.4                     | 356     | 21125    | 2               | 12.1                     | 322     | 21236    | 1.75 X 1.88     | 18                       | 302     |
| 20961    | 2.5 X 2.75      | 12.6                     | 356     | 21128    | 3               | 5.7                      | 359     | 21237    | 1.5             | 34.8                     | 255     |
| 20967    | 2.38 X 2.76     | 15.1                     | 347     | 21129    | 2.5 X 2.62      | 15.6                     | 356     | 21238    | 2.75            | 17.6                     | 359     |
| 20968    | 2.7             | 16.7                     | 358     | 21131    | 2 X 2.5         | 12.7                     | 334     | 21239    | 2.75 X 3        | 8.9                      | 359     |
| 20970    | 2.5             | 16.6                     | 350     | 21132    | 2.25 X 2.5      | 24.6                     | 344     | 21241    | 2.5             | 18                       | 351     |
| 20973    | 2.25            | 19.6                     | 339     | 21133    | 2.25 X 2.5      | 24.8                     | 344     | 21243    | 1.75 X 2        | 31.2                     | 309     |
| 20974    | 1.75            | 13.8                     | 289     | 21134    | 2.5 X 2.88      | 8                        | 357     | 21245    | 1.94 X 2        | 24.7                     | 319     |
| 20976    | 0.75            | 5.7                      | 6       | 21135    | 2.5             | 8.5                      | 349     | 21247    | 1.94 X 2        | 24.8                     | 319     |
| 20980    | 1.5             | 28.8                     | 253     | 21137    | 2.5 X 2.75      | 10.9                     | 356     | 21248    | 1.94 X 2        | 17.7                     | 319     |
| 20981    | 1.62 X 1.88     | 18.4                     | 282     | 21138    | 1.24 X 1.5      | 26.3                     | 60      | 21249    | 1.94 X 2        | 19.6                     | 319     |
| 20982    | 1.5             | 16.3                     | 233     | 21139    | 1.75 X 2        | 16.8                     | 305     | 21250    | 1.75 X 2        | 16.1                     | 304     |
| 20983    | 1.5             | 31                       | 254     | 21140    | 1.22 X 1.28     | 11.1                     | 55      | 21251    | 1.75 X 2        | 20.8                     | 307     |
| 20987    | 2.5             | 13.7                     | 349     | 21141    | 1.5             | 23.9                     | 247     | 21252    | 2               | 25.7                     | 327     |
| 20991    | 1.56            | 28.1                     | 278     | 21143    | 1.56 X 1.81     | 20.8                     | 279     | 21253    | 1.75 X 2        | 17.6                     | 305     |
| 20992    | 1.25            | 15.2                     | 66      | 21145    | 1.5             | 7.6                      | 226     | 21255    | 2               | 7.8                      | 321     |
| 20993    | 1.5             | 20.4                     | 241     | 21148    | 1.5             | 31.9                     | 254     | 21256    | 1.75 X 2        | 14.9                     | 303     |
| 20994    | 1.5             | 18.5                     | 238     | 21150    | 1.5 X 1.81      | 16.2                     | 269     | 21257    | 0.61            | 15.4                     | 2       |
| 20995    | 1.25 X 1.56     | 36.5                     | 100     | 21152    | 1.5             | 27                       | 251     | 21258    | 1.19            | 4.3                      | 32      |

## Hose Dimensions — Listed in Order by Part Number

| Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)    | Center Line Length (In.) | Row No. |
|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|----------|--------------------|--------------------------|---------|
| 21260    | 1.58            | 18.8                     | 281     | 21393    | 2.25            | 17.4                     | 338     | 21497    | 1.38               | 11.2                     | 196     |
| 21261    | 1.19            | 16.1                     | 34      | 21394    | 1.25            | 20.6                     | 72      | 21498    | 1.41               | 16.9                     | 204     |
| 21262    | 1.5 X 1.75      | 19.8                     | 263     | 21395    | 2 X 2.25        | 18.4                     | 332     | 21499    | 1.37 X 1.56        | 20.9                     | 195     |
| 21263    | 1.25 X 1.5      | 32.7                     | 98      | 21398    | 1.38            | 13.6                     | 196     | 21500    | 1.38               | 12.3                     | 196     |
| 21264    | 1.25 X 1.5      | 30.4                     | 97      | 21399    | 1.5             | 10.3                     | 227     | 21501    | 1.37               | 25.9                     | 195     |
| 21268    | 1.12 X 1.25     | 20.4                     | 25      | 21400    | 2.5 X 3         | 5                        | 357     | 21503    | 1.5 X 1.75         | 26.8                     | 266     |
| 21269    | 1.25            | 26.3                     | 77      | 21401    | 1.25 X 1.62     | 32.7                     | 101     | 21504    | 1.18               | 16.1                     | 28      |
| 21270    | 1.25            | 31.8                     | 80      | 21402    | 1.24 X 1.57     | 19.4                     | 60      | 21505    | 1.75 X 2           | 22.7                     | 307     |
| 21271    | 1.5             | 19                       | 239     | 21403    | 1.75 X 2        | 23.7                     | 308     | 21506    | 1.37               | 25                       | 194     |
| 21272    | 1.25 X 1.5      | 15.6                     | 90      | 21404    | 1.06            | 11.3                     | 19      | 21508    | 1.21               | 19.1                     | 50      |
| 21277    | 1.25 X 1.55     | 26.5                     | 100     | 21405    | 2 X 2.31        | 17                       | 333     | 21511    | 1.5 X 1.75         | 26.8                     | 267     |
| 21278    | 1.5             | 17.2                     | 236     | 21406    | 1.5             | 23.3                     | 246     | 21512    | 1.5 X 1.75         | 30.1                     | 268     |
| 21279    | 1               | 13.4                     | 12      | 21408    | 1.25            | 31.7                     | 80      | 21513    | 1.12               | 18.4                     | 24      |
| 21281    | 1.25            | 14.6                     | 65      | 21409    | 1.75            | 18.9                     | 294     | 21514    | 1.25               | 14.3                     | 64      |
| 21283    | 1.5             | 26.2                     | 250     | 21411    | 1 X 1.25        | 9.7                      | 15      | 21515    | 0.62 X 0.75        | 13.9                     | 4       |
| 21284    | 1.75            | 24.1                     | 298     | 21412    | 1.5             | 32.5                     | 254     | 21516    | 2.25               | 21.8                     | 339     |
| 21285    | 1.75 X 2.12     | 21.6                     | 311     | 21413    | 1 X 1.25        | 14.4                     | 15      | 21517    | 0.97               | 14.3                     | 10      |
| 21287    | 2.26            | 21.7                     | 346     | 21414    | 1.34            | 24.3                     | 180     | 21519    | 1.25 X 1.5         | 35.7                     | 99      |
| 21288    | 2.5 X 2.6       | 18.1                     | 355     | 21415    | 1.25 X 1.5      | 32.8                     | 98      | 21521    | 2.01               | 11.6                     | 335     |
| 21289    | 2.25 X 2.5      | 27.5                     | 345     | 21416    | 1.25 X 1.5      | 21                       | 94      | 21522    | 2 X 2.25           | 13.8                     | 330     |
| 21290    | 2.5 X 2.62      | 13.7                     | 355     | 21418    | 2.25            | 24.4                     | 340     | 21523    | 2.01               | 10.5                     | 335     |
| 21291    | 2.5 X 2.88      | 12.9                     | 357     | 21420    | 3               | 9.7                      | 359     | 21525    | 2 X 2.25           | 15.6                     | 331     |
| 21292    | 2.25 X 2.5      | 18.8                     | 343     | 21422    | 1.25            | 19.2                     | 70      | 21526    | 2 X 2.25           | 13.3                     | 330     |
| 21293    | 2.25 X 2.5      | 17.8                     | 343     | 21424    | 1.06            | 24.6                     | 22      | 21528    | 1.25               | 10.1                     | 61      |
| 21294    | 2               | 15.5                     | 323     | 21425    | 1.56 X 1.62     | 13.9                     | 279     | 21529    | 1.19 X 1.38        | 24.5                     | 42      |
| 21295    | 2.25 X 2.5      | 11.3                     | 342     | 21429    | 1.38 X 1.5      | 27.8                     | 200     | 21530    | 1.25 X 1.38        | 12.2                     | 85      |
| 21296    | 2.25            | 15.5                     | 338     | 21430    | 1.19 X 1.25     | 20.2                     | 41      | 21531    | 1.25               | 10.7                     | 61      |
| 21298    | 1.5             | 42.3                     | 256     | 21431    | 1.56            | 12.5                     | 277     | 21532    | 1.25               | 11.6                     | 62      |
| 21299    | 2.25 X 2.5      | 7.2                      | 342     | 21432    | 1.03            | 11                       | 16      | 21533    | 1.25               | 3.8                      | 60      |
| 21300    | 2.5             | 20.3                     | 351     | 21433    | 1.56            | 15.3                     | 278     | 21534    | 1.25               | 15.6                     | 67      |
| 21302    | 2.25 X 2.5      | 11.8                     | 342     | 21434    | 1.5             | 18.9                     | 239     | 21536    | 1.88 X 2           | 17.8                     | 315     |
| 21305    | 2               | 19.9                     | 325     | 21435    | 1.5             | 11.8                     | 228     | 21537    | 0.5                | 13.2                     | 1       |
| 21307    | 2               | 8.7                      | 321     | 21436    | 1.25 X 1.38     | 32                       | 86      | 21539    | 1.25               | 29.3                     | 79      |
| 21308    | 2.25            | 15.6                     | 338     | 21438    | 1.25            | 24.7                     | 76      | 21540    | 1.25               | 27.6                     | 78      |
| 21309    | 0.62            | 7.6                      | 3       | 21439    | 1.25            | 17.4                     | 69      | 21541    | 1.19               | 20.7                     | 37      |
| 21310    | 1.25 X 1.5      | 25.1                     | 95      | 21441    | 1.25 X 1.5      | 30.5                     | 97      | 21542    | 1.25               | 24                       | 76      |
| 21311    | 1.12 X 1.25     | 18.7                     | 24      | 21442    | 1.5 X 1.75      | 25.2                     | 266     | 21543    | 1.44               | 18.2                     | 207     |
| 21312    | 1.28            | 16                       | 118     | 21443    | 1.09            | 13.6                     | 23      | 21544    | 2 X 2.5            | 13.9                     | 334     |
| 21323    | 1.25            | 34                       | 81      | 21444    | 1.06            | 21.1                     | 21      | 21547    | 2.38 X 2.5         | 21.2                     | 347     |
| 21324    | 1.5 X 1.75      | 19.8                     | 263     | 21445    | 1.31            | 17.1                     | 150     | 21549    | 1.25               | 14.2                     | 64      |
| 21326    | 1.25 X 1.31     | 11.6                     | 83      | 21449    | 1.38            | 22.7                     | 197     | 21551    | 1.19               | 9                        | 32      |
| 21327    | 1.5             | 29.3                     | 253     | 21452    | 2.5             | 25.1                     | 353     | 21553    | 1.19               | 23                       | 38      |
| 21329    | 1.56 X 1.81     | 24.7                     | 279     | 21453    | 2 X 2.5         | 32                       | 335     | 21554    | 1.25               | 27.6                     | 78      |
| 21331    | 1.58            | 15.6                     | 280     | 21454    | 2.25 X 2.5      | 26.2                     | 344     | 21556    | 2.25               | 4.5                      | 336     |
| 21332    | 1.25 X 1.5      | 24                       | 95      | 21455    | 2.5             | 16.6                     | 350     | 21557    | 1.25               | 18                       | 69      |
| 21334    | 1.26 X 1.5      | 27.2                     | 104     | 21457    | 1.38            | 5.6                      | 195     | 21558    | 1.25 X 1.5         | 22.9                     | 95      |
| 21335    | 1.25            | 26.2                     | 77      | 21458    | 0.62 X 0.94     | 10.8                     | 4       | 21559    | 2                  | 9.5                      | 321     |
| 21336    | 1.5 X 1.75      | 23.8                     | 265     | 21461    | 1.19            | 3.7                      | 31      | 21562    | 2                  | 11.8                     | 322     |
| 21337    | 1.25 X 1.5      | 20.6                     | 94      | 21462    | 2.25 X 2.75     | 16.4                     | 346     | 21564    | 2.5                | 16.4                     | 350     |
| 21341    | 1.25            | 20.6                     | 71      | 21463    | 2.75            | 25.2                     | 359     | 21569    | 2                  | 15.6                     | 323     |
| 21342    | 1.25 X 1.56     | 29.5                     | 100     | 21464    | 2.75            | 20.2                     | 359     | 21570    | 2                  | 20.9                     | 326     |
| 21343    | 1.5             | 27.8                     | 252     | 21466    | 3               | 7.4                      | 359     | 21571    | 2                  | 5.4                      | 321     |
| 21344    | 1.5             | 16.5                     | 234     | 21468    | 2 X 2.38        | 21.6                     | 333     | 21572    | 1.34 X 1.56        | 13.9                     | 184     |
| 21345    | 1.26 X 1.5      | 21.6                     | 104     | 21469    | 2               | 19.7                     | 325     | 21573    | 1.88               | 21.3                     | 314     |
| 21347    | 1.25            | 21.9                     | 74      | 21470    | 2               | 22                       | 326     | 21574    | 1.25               | 24.9                     | 77      |
| 21351    | 1.34            | 23.3                     | 180     | 21471    | 2.25            | 12.7                     | 337     | 21575    | 1.44 X 1.5         | 21.9                     | 210     |
| 21352    | 1.34            | 21.4                     | 179     | 21472    | 2.5 X 3         | 16.1                     | 357     | 21576    | 1.5                | 16.6                     | 234     |
| 21353    | 1.31            | 12.2                     | 143     | 21473    | 2               | 5.4                      | 321     | 21577    | 1.25               | 12                       | 62      |
| 21354    | 1.06            | 13.7                     | 20      | 21474    | 2 X 2.38        | 17.5                     | 333     | 21578    | 1.25               | 23.7                     | 75      |
| 21356    | 1.38            | 14.5                     | 196     | 21477    | 2               | 24.9                     | 327     | 21579    | 1.25               | 9.3                      | 61      |
| 21361    | 1.25 X 1.3      | 17.3                     | 83      | 21478    | 1 X 1.25        | 17.3                     | 15      | 21580    | 1.25               | 16.9                     | 68      |
| 21363    | 2 X 2.36        | 5.9                      | 333     | 21480    | 1.25            | 21                       | 72      | 21581    | 1.5 X 1.75         | 19                       | 262     |
| 21366    | 1.26            | 7                        | 102     | 21482    | 1.26 X 1.5      | 18                       | 104     | 21584    | 1.19               | 11.7                     | 32      |
| 21368    | 1.81 X 2        | 4.2                      | 313     | 21483    | 1               | 21.1                     | 13      | 21585    | 1.5                | 20.9                     | 243     |
| 21372    | 2.25 X 2.5      | 23.6                     | 344     | 21484    | 1.25 X 1.5      | 16.8                     | 91      | 21586    | 1.19               | 16.8                     | 35      |
| 21375    | 1.5 X 2         | 5.6                      | 271     | 21485    | 1.25 X 1.5      | 33.5                     | 98      | 21587    | 1.25 X 1.5         | 13.7                     | 90      |
| 21377    | 1.75            | 33.6                     | 300     | 21486    | 1.28 X 1.56     | 13.8                     | 120     | 21588    | 1.25               | 22.1                     | 74      |
| 21378    | 2               | 30                       | 328     | 21487    | 1.25            | 27.2                     | 78      | 21589    | 1.19 X 1.3         | 18.7                     | 41      |
| 21379    | 2               | 20                       | 326     | 21488    | 1               | 14                       | 12      | 21590    | 1.38 X 2.5         | 12.5                     | 202     |
| 21380    | 0.81            | 6.8                      | 8       | 21489    | 1.25 X 1.5      | 18.2                     | 92      | 21591    | 1.19 X 1.3         | 14.3                     | 41      |
| 21381    | 0.81 X 1        | 8.1                      | 8       | 21490    | 1.25 X 1.7      | 13.8                     | 101     | 21592    | 1.25               | 14.4                     | 65      |
| 21384    | 1.25 X 1.67     | 18.7                     | 101     | 21491    | 2.75            | 10.9                     | 358     | 21594    | 1.25 X 1.5         | 17.2                     | 91      |
| 21385    | 1.25 X 1.5      | 20.2                     | 93      | 21492    | 2 X 2.5         | 4                        | 334     | 21595    | 1.21 X 1.21 X 0.71 | 18.75                    | 379     |
| 21389    | 1.25 X 1.5      | 10.6                     | 89      | 21493    | 1.5 X 1.75      | 19.2                     | 262     | 21596    | 1.38               | 24.3                     | 198     |
| 21390    | 1.25            | 14.8                     | 66      | 21494    | 1.5 X 1.75      | 25.3                     | 266     | 21599    | 1.25               | 16.9                     | 68      |
| 21391    | 1.03            | 24.3                     | 17      | 21495    | 1.25            | 22.4                     | 74      | 21601    | 1.19               | 29.7                     | 40      |
| 21392    | 1.19            | 14.8                     | 34      | 21496    | 1.41            | 25                       | 205     | 21602    | 1.25               | 25.9                     | 77      |

## Hose Dimensions — Listed in Order by Part Number

| Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)    | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)    | Center Line Length (In.) | Row No. |
|----------|-----------------|--------------------------|---------|----------|--------------------|--------------------------|---------|----------|--------------------|--------------------------|---------|
| 21603    | 1.25            | 24.8                     | 76      | 21731    | 1.75 X 2.28        | 23.9                     | 312     | 21835    | 1.25 X 1.5         | 19.7                     | 93      |
| 21605    | 1               | 28.5                     | 14      | 21732    | 1.25 X 1.38        | 34.8                     | 86      | 21836    | 1.2                | 12                       | 43      |
| 21606    | 1.19            | 19.8                     | 36      | 21733    | 0.62               | 9.9                      | 3       | 21837    | 1.25 X 1.38        | 22                       | 85      |
| 21607    | 1.19            | 20                       | 36      | 21734    | 1.34               | 10.8                     | 176     | 21838    | 1 X 1.25           | 15.2                     | 15      |
| 21608    | 1.19            | 14.6                     | 33      | 21735    | 1.5                | 8.3                      | 226     | 21839    | 1.25               | 24.4                     | 76      |
| 21609    | 1.25 X 1.5      | 18.1                     | 92      | 21736    | 1.44 X 1.5         | 19.2                     | 210     | 21840    | 0.61 X 0.75        | 13.4                     | 3       |
| 21610    | 1.31            | 16.4                     | 149     | 21737    | 1.31               | 22                       | 155     | 21841    | 0.61 X 0.75        | 9.3                      | 2       |
| 21611    | 1.12            | 17.9                     | 24      | 21738    | 0.62               | 6.6                      | 3       | 21842    | 2.5 X 2.86         | 10.5                     | 356     |
| 21612    | 1.5             | 19                       | 239     | 21739    | 0.62               | 5.7                      | 3       | 21844    | 1.5 X 1.68         | 25.4                     | 257     |
| 21613    | 1.25 X 1.43     | 15.7                     | 87      | 21740    | 0.62 X 0.75        | 5.8                      | 4       | 21845    | 2                  | 27.5                     | 328     |
| 21615    | 1.46 X 1.78     | 20.8                     | 217     | 21742    | 0.62               | 4.8                      | 3       | 21846    | 1.94               | 23.5                     | 318     |
| 21616    | 1.21 X 1.46     | 33.8                     | 52      | 21743    | 1 X 1.25           | 33.7                     | 15      | 21847    | 2                  | 19.5                     | 325     |
| 21618    | 1.5 X 1.75      | 23.2                     | 265     | 21744    | 1.31               | 12.7                     | 144     | 21848    | 1.3                | 19.8                     | 131     |
| 21619    | 1.25 X 1.5      | 19.9                     | 93      | 21745    | 1.31               | 14.7                     | 147     | 21849    | 1.75               | 23.4                     | 298     |
| 21620    | 1.5 X 1.75      | 24.9                     | 266     | 21746    | 0.87               | 6.3                      | 8       | 21850    | 1.5 X 1.75         | 28.8                     | 267     |
| 21621    | 1.06            | 19.5                     | 21      | 21749    | 1.38 X 1.75        | 14.3                     | 202     | 21851    | 1.5                | 10.2                     | 227     |
| 21622    | 1.31            | 15.8                     | 148     | 21750    | 1.25 X 1.5         | 27.5                     | 96      | 21852    | 1.5                | 12.2                     | 228     |
| 21623    | 1.46 X 1.5      | 16.6                     | 216     | 21752    | 1.25               | 19.1                     | 70      | 21853    | 2                  | 30.4                     | 328     |
| 21624    | 1.4 X 1.53      | 26.8                     | 204     | 21755    | 1.25 X 1.38        | 25.8                     | 85      | 21854    | 2                  | 35.7                     | 329     |
| 21625    | 1.25            | 23.8                     | 76      | 21756    | 1.31               | 16.4                     | 149     | 21855    | 2                  | 38.8                     | 329     |
| 21627    | 1.25 X 1.5      | 10.5                     | 89      | 21757    | 0.62               | 7.1                      | 3       | 21856    | 1.75               | 19.6                     | 295     |
| 21628    | 1.25            | 15.4                     | 66      | 21758    | 1.25 X 1.5         | 22.2                     | 94      | 21857    | 1.5 X 1.75         | 15.8                     | 260     |
| 21629    | 1.26 X 1.65     | 13.7                     | 105     | 21759    | 1.25               | 30.9                     | 80      | 21858    | 1.25 X 1.38        | 17.7                     | 85      |
| 21630    | 1.25 X 1.65     | 18.9                     | 101     | 21760    | 1.25 X 1.38        | 29.9                     | 86      | 21860    | 0.73               | 15.4                     | 6       |
| 21631    | 1.5 X 1.75      | 30.8                     | 268     | 21761    | 1.25               | 24.8                     | 76      | 21861    | 0.62 X 0.73        | 14.2                     | 4       |
| 21634    | 1.31 X 1.5      | 3.6                      | 163     | 21763    | 1.25               | 11.4                     | 62      | 21862    | 0.62               | 5.7                      | 3       |
| 21637    | 1.26 X 1.53     | 12.4                     | 105     | 21764    | 1.25               | 25.6                     | 77      | 21864    | 1.18               | 22.3                     | 30      |
| 21639    | 1.25 X 1.5      | 29.1                     | 97      | 21765    | 2.25 X 2.5         | 26.2                     | 345     | 21865    | 1.34 X 1.48        | 31.8                     | 182     |
| 21640    | 1.25            | 22.2                     | 74      | 21766    | 2.5 X 2.86         | 12.3                     | 357     | 21866    | 1.34 X 1.56        | 9.1                      | 184     |
| 21643    | 1.25            | 28.3                     | 79      | 21767    | 1.81 X 2.13        | 28.3                     | 314     | 21867    | 1.25 X 1.55        | 14.6                     | 100     |
| 21644    | 1.25 X 1.5      | 26.4                     | 96      | 21768    | 1.64               | 14.8                     | 282     | 21868    | 1.27               | 30.2                     | 112     |
| 21645    | 1.5             | 23.5                     | 246     | 21770    | 1.81               | 24.6                     | 313     | 21869    | 1.23               | 16.2                     | 56      |
| 21647    | 1.06            | 20                       | 21      | 21771    | 1.25               | 19.8                     | 71      | 21870    | 1.34               | 28.6                     | 181     |
| 21648    | 1.25            | 29.8                     | 79      | 21772    | 1.5                | 26.6                     | 250     | 21871    | 1.19               | 27.6                     | 39      |
| 21649    | 1.26 X 1.5      | 29.4                     | 105     | 21774    | 0.61 X 0.68        | 18.3                     | 2       | 21872    | 1.5 X 1.75         | 21.8                     | 264     |
| 21651    | 1.37 X 1.5      | 10.1                     | 195     | 21775    | 1.25               | 39                       | 82      | 21873    | 1.34               | 25.5                     | 180     |
| 21652    | 1.44            | 10.8                     | 206     | 21776    | 1.75               | 29.2                     | 299     | 21875    | 1.75               | 15.4                     | 290     |
| 21655    | 1.44 X 1.62     | 20.3                     | 211     | 21777    | 1.25 X 1.38        | 27.2                     | 86      | 21878    | 1.34 X 1.56        | 41.3                     | 184     |
| 21656    | 1.62 X 1.75     | 16.3                     | 282     | 21778    | 1.34               | 14.8                     | 177     | 21880    | 1.19               | 13.3                     | 33      |
| 21657    | 1.56            | 6                        | 277     | 21779    | 1.09 X 1.14        | 11.7                     | 24      | 21882    | 1.19               | 16                       | 34      |
| 21658    | 1.57 X 1.68     | 20.7                     | 280     | 21780    | 1.34               | 22                       | 179     | 21883    | 1.19               | 19.8                     | 36      |
| 21659    | 1.26 X 1.5      | 29.4                     | 105     | 21781    | 1.06               | 21.4                     | 22      | 21885    | 1.25 X 1.5         | 16.4                     | 91      |
| 21660    | 1.5             | 15.1                     | 232     | 21782    | 1.19 X 1.5         | 9.6                      | 42      | 21886    | 1.42 X 1.5         | 17.6                     | 205     |
| 21661    | 1.75            | 19.6                     | 294     | 21783    | 1.19 X 1.34        | 14.1                     | 42      | 21887    | 1.31 X 1.56        | 5.9                      | 165     |
| 21665    | 1.25            | 23.6                     | 75      | 21784    | 0.44               | 4.3                      | 1       | 21891    | 2.5                | 12.9                     | 349     |
| 21666    | 1.38 X 1.63     | 10.4                     | 202     | 21785    | 1.31 X 1.5 X 0.75  | 11.13                    | 393     | 21892    | 3.5                | 14.5                     | 360     |
| 21667    | 1.12 X 1.31     | 5.9                      | 25      | 21788    | 1.06 X 1.26        | 18.8                     | 23      | 21893    | 2.5                | 15.8                     | 350     |
| 21668    | 1.5 X 1.75      | 19.7                     | 263     | 21789    | 1.75 X 2           | 15.3                     | 304     | 21894    | 1.5 X 1.7 X 0.75   | 19.88                    | 404     |
| 21670    | 1.19            | 15.5                     | 34      | 21792    | 1.06               | 20.8                     | 21      | 21895    | 1.27               | 19.7                     | 109     |
| 21671    | 1.19            | 30.4                     | 40      | 21793    | 1.06               | 19                       | 21      | 21896    | 2.25 X 2.5         | 23.4                     | 344     |
| 21672    | 1.31            | 23.1                     | 156     | 21794    | 1.5                | 20.5                     | 241     | 21897    | 1.25 X 1.38        | 26                       | 86      |
| 21673    | 1.5             | 19.3                     | 239     | 21795    | 1.31 X 1.56 X 0.69 | 17.5                     | 393     | 21898    | 1.44               | 21.8                     | 209     |
| 21674    | 1.25 X 1.5      | 27.3                     | 96      | 21796    | 1.75               | 19.6                     | 294     | 21900    | 1.44               | 29.4                     | 209     |
| 21675    | 1.31 X 1.5      | 25.6                     | 164     | 21797    | 1.75               | 21.8                     | 297     | 21901    | 1.97 X 2.36        | 4.4                      | 321     |
| 21700    | 1.06            | 14.4                     | 20      | 21798    | 1.75               | 20.6                     | 296     | 21904    | 1.31 X 1.31 X 0.72 | 14.5                     | 389     |
| 21701    | 1.25            | 23.5                     | 75      | 21801    | 1.75               | 17                       | 291     | 21906    | 1.26               | 33                       | 103     |
| 21703    | 1.31            | 17.1                     | 150     | 21805    | 1.75               | 15.3                     | 290     | 21908    | 1.06               | 19.8                     | 21      |
| 21706    | 1.25 X 1.5      | 34.9                     | 99      | 21806    | 1.75               | 17.5                     | 292     | 21909    | 1.68 X 1.79        | 3.6                      | 283     |
| 21707    | 1.25            | 37.9                     | 81      | 21809    | 1.81 X 1.88        | 18.2                     | 313     | 21910    | 1.5                | 18.4                     | 238     |
| 21709    | 1.15 X 1.25     | 33.4                     | 26      | 21810    | 2                  | 22.3                     | 326     | 21911    | 1.22               | 6.6                      | 52      |
| 21710    | 1.5 X 1.75      | 26.5                     | 266     | 21811    | 1.5 X 1.75         | 16.4                     | 261     | 21912    | 1.5                | 25.5                     | 249     |
| 21711    | 1.5             | 25.6                     | 249     | 21812    | 1.62 X 2.25        | 22.5                     | 282     | 21914    | 1.38 X 1.56        | 8.1                      | 200     |
| 21712    | 1.5             | 22.7                     | 245     | 21813    | 1.34               | 17.8                     | 178     | 21915    | 1 X 1.25           | 17.1                     | 15      |
| 21713    | 1.57            | 14.1                     | 280     | 21817    | 0.62 X 0.62 X 0.72 | 51.63                    | 364     | 21918    | 1.06               | 11.7                     | 20      |
| 21714    | 1.5             | 22.9                     | 245     | 21818    | 0.62 X 0.62 X 1    | 50.25                    | 365     | 21920    | 1.19               | 25.4                     | 39      |
| 21717    | 1.5 X 1.73      | 22.5                     | 258     | 21820    | 1.27               | 29.7                     | 112     | 21921    | 1.34               | 25.8                     | 180     |
| 21718    | 1.5 X 1.73      | 28.1                     | 258     | 21821    | 1.19 X 1.44        | 21.9                     | 42      | 21922    | 1.38 X 1.75        | 17                       | 202     |
| 21719    | 1.25 X 1.57     | 14.8                     | 101     | 21822    | 1.25               | 29.9                     | 79      | 21927    | 1.47 X 1.47 X 0.96 | 46.96                    | 398     |
| 21720    | 1.34            | 22.3                     | 179     | 21824    | 1 X 1.19           | 6.8                      | 14      | 21930    | 1.75               | 24.1                     | 298     |
| 21721    | 1.75 X 2        | 17.9                     | 305     | 21825    | 1.75               | 31.3                     | 299     | 21931    | 1.44 X 2.44        | 15.9                     | 211     |
| 21722    | 1.19            | 19.3                     | 36      | 21826    | 1.75 X 2.12        | 21                       | 311     | 21933    | 1.5                | 15.5                     | 232     |
| 21723    | 1.26 X 1.5      | 16.2                     | 104     | 21828    | 1.27               | 22.4                     | 109     | 21934    | 1.38 X 1.62        | 9.1                      | 201     |
| 21724    | 0.69 X 0.81     | 4                        | 5       | 21829    | 1.25 X 1.31 X 0.72 | 24.5                     | 384     | 21935    | 1.38               | 16.6                     | 196     |
| 21727    | 1.26 X 1.5      | 21.1                     | 104     | 21830    | 1.5                | 42.3                     | 256     | 21936    | 2                  | 23.7                     | 327     |
| 21728    | 1.22 X 1.28     | 16.6                     | 55      | 21832    | 0.58 X 0.72        | 18                       | 2       | 21938    | 1.94               | 18.2                     | 318     |
| 21729    | 1.5 X 1.75      | 32.8                     | 268     | 21833    | 1.25 X 1.5         | 38.2                     | 99      | 21939    | 2.75               | 12.4                     | 358     |
| 21730    | 1.5             | 26.7                     | 251     | 21834    | 1.39 X 1.52        | 26.5                     | 203     | 21940    | 1.5 X 1.75         | 30.7                     | 268     |

## Hose Dimensions — Listed in Order by Part Number

| Part No. | Hose I.D. (In.)    | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)    | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)           | Center Line Length (In.) | Row No. |
|----------|--------------------|--------------------------|---------|----------|--------------------|--------------------------|---------|----------|---------------------------|--------------------------|---------|
| 21941    | 1.52 X 1.77        | 37                       | 274     | 22028    | 1.33               | 21.6                     | 174     | 22116    | 1.27                      | 19.3                     | 108     |
| 21942    | 1.19               | 10.8                     | 32      | 22029    | 1.33               | 19.1                     | 173     | 22117    | 1.25 X 1.47               | 18.5                     | 88      |
| 21943    | 2                  | 15.5                     | 323     | 22030    | 2.19 X 2.25        | 21.1                     | 336     | 22118    | 1.25 X 1.47               | 19.8                     | 88      |
| 21944    | 1.75 X 2           | 20.6                     | 307     | 22031    | 1.94               | 35.7                     | 319     | 22119    | 1.25                      | 13.4                     | 64      |
| 21945    | 1.5                | 22.6                     | 245     | 22032    | 1.87               | 38.5                     | 314     | 22120    | 1.25                      | 13.4                     | 64      |
| 21946    | 1.19               | 12.6                     | 33      | 22033    | 1.94               | 28.2                     | 318     | 22121    | 1.25 X 1.34               | 29                       | 84      |
| 21947    | 1.19 X 1.38        | 22.2                     | 42      | 22034    | 1.93               | 34.1                     | 315     | 22122    | 1.45                      | 21.7                     | 212     |
| 21948    | 1.3                | 16.4                     | 128     | 22035    | 1.46               | 27.4                     | 216     | 22123    | 1.34                      | 28.5                     | 181     |
| 21949    | 0.62               | 6.6                      | 3       | 22036    | 1.75               | 32.6                     | 300     | 22124    | 1.34                      | 30.9                     | 181     |
| 21950    | 0.72               | 7.6                      | 6       | 22037    | 1.25               | 21.2                     | 72      | 22125    | 1.72                      | 28.9                     | 287     |
| 21951    | 1.31               | 15.1                     | 147     | 22038    | 0.94               | 4.5                      | 9       | 22126    | 1.25                      | 13.6                     | 64      |
| 21952    | 1.19               | 19                       | 35      | 22039    | 1.49 X 1.75        | 17.7                     | 225     | 22127    | 1.23 X 1.29               | 16.2                     | 57      |
| 21953    | 1.5                | 20.2                     | 240     | 22040    | 1.25 X 1.47        | 23.1                     | 89      | 22128    | 1.25 X 1.32               | 16                       | 83      |
| 21954    | 1.5                | 24.9                     | 248     | 22041    | 1.5                | 25.6                     | 249     | 22129    | 1.25                      | 14.6                     | 66      |
| 21955    | 1.5                | 25.4                     | 249     | 22042    | 1.75               | 23.3                     | 297     | 22130    | 1.31                      | 24.5                     | 157     |
| 21956    | 1.75               | 20.5                     | 296     | 22043    | 1.44               | 36.2                     | 209     | 22131    | 1.2                       | 19.6                     | 44      |
| 21957    | 1.27               | 11.9                     | 105     | 22044    | 1.44               | 25.6                     | 209     | 22132    | 1.44                      | 14.1                     | 206     |
| 21958    | 1.27               | 17.2                     | 107     | 22045    | 1.25               | 21.6                     | 73      | 22133    | 1.27                      | 16.2                     | 107     |
| 21959    | 1.31               | 16.2                     | 149     | 22046    | 1.22 X 1.22 X 0.35 | 14.83                    | 379     | 22134    | 2                         | 36.9                     | 329     |
| 21960    | 1.38 X 1.54        | 25.1                     | 200     | 22047    | 1.15 X 1.38        | 19.4                     | 26      | 22135    | 1.93 X 2.19               | 26                       | 318     |
| 21961    | 1.94               | 34.1                     | 319     | 22048    | 1.3                | 20.4                     | 132     | 22136    | 1.88                      | 30.4                     | 314     |
| 21962    | 2                  | 28.6                     | 328     | 22049    | 1.5 X 1.62         | 9.8                      | 257     | 22137    | 1.3                       | 38.9                     | 138     |
| 21963    | 1.19               | 21.1                     | 37      | 22050    | 1.44 X 1.56        | 6.6                      | 210     | 22138    | 1.27                      | 14.2                     | 106     |
| 21964    | 1.19               | 20                       | 37      | 22051    | 1.44               | 11.6                     | 206     | 22139    | 1.5                       | 18.1                     | 237     |
| 21965    | 1.34 X 1.56        | 24.2                     | 184     | 22052    | 1.28               | 20.3                     | 119     | 22140    | 2 X 2.5                   | 20.3                     | 334     |
| 21966    | 1.38 X 1.56        | 23.1                     | 201     | 22053    | 1.75               | 34.2                     | 300     | 22141    | 1.25 X 1.5                | 30.7                     | 97      |
| 21967    | 1.25 X 1.35        | 14.2                     | 84      | 22054    | 1.28               | 19.3                     | 118     | 22142    | 1.47 X 1.72               | 32.7                     | 222     |
| 21968    | 1.27 X 1.52        | 36.6                     | 117     | 22055    | 1.33               | 23.2                     | 174     | 22143    | 1.72                      | 21.1                     | 286     |
| 21969    | 1.75 X 2           | 11.9                     | 303     | 22056    | 1.33               | 18.5                     | 172     | 22144    | 1.45                      | 28.9                     | 213     |
| 21970    | 1.25 X 1.5         | 20.9                     | 94      | 22057    | 1.25 X 1.32        | 22.8                     | 83      | 22145    | 1.34                      | 20.7                     | 178     |
| 21971    | 1.5 X 1.75         | 17.2                     | 261     | 22058    | 1.44               | 20.1                     | 208     | 22146    | 1.34                      | 22.7                     | 179     |
| 21972    | 1.5                | 27.6                     | 252     | 22059    | 2.25 X 2.5         | 28.8                     | 345     | 22147    | 1.31                      | 23.7                     | 157     |
| 21973    | 1.38               | 23.1                     | 198     | 22060    | 2.25               | 17.7                     | 338     | 22148    | 1.31 X 1.31 X 0.73        | 14.3                     | 390     |
| 21974    | 1.5                | 16.4                     | 233     | 22062    | 2.5 X 3            | 27.9                     | 357     | 22149    | 1.47 X 1.47 X 0.75        | 13.96                    | 398     |
| 21975    | 1.38               | 25.8                     | 198     | 22063    | 1.05               | 11.5                     | 18      | 22150    | 1.45                      | 22.6                     | 213     |
| 21976    | 1.44               | 17.6                     | 207     | 22064    | 1.33               | 19.9                     | 173     | 22151    | 1.71                      | 19.5                     | 284     |
| 21978    | 1.27               | 28.7                     | 112     | 22065    | 1.31 X 1.31 X 0.72 | 17.2                     | 389     | 22152    | 1.31                      | 23.3                     | 157     |
| 21979    | 1.22 X 1.34        | 19.1                     | 55      | 22066    | 1.46 X 1.49        | 37.2                     | 216     | 22153    | 1.31                      | 18.2                     | 151     |
| 21980    | 1.34               | 13.7                     | 177     | 22067    | 1.94               | 20.2                     | 318     | 22154    | 1.5                       | 17.8                     | 236     |
| 21982    | 1.34               | 12.8                     | 177     | 22068    | 2                  | 35.5                     | 329     | 22155    | 1.47                      | 19                       | 218     |
| 21984    | 1.93 X 2           | 35.7                     | 316     | 22069    | 1.22 X 1.45        | 23.8                     | 56      | 22156    | 1.47 X 1.5                | 14.1                     | 221     |
| 21985    | 1.95 X 2.2         | 27.8                     | 320     | 22070    | 1.33               | 18.8                     | 172     | 22157    | 1.47                      | 27.3                     | 220     |
| 21987    | 2.19               | 24.4                     | 336     | 22072    | 1.33               | 14.7                     | 171     | 22158    | 1.72                      | 20.3                     | 285     |
| 21989    | 1.93               | 40.3                     | 316     | 22073    | 1.33               | 13.8                     | 171     | 22159    | 2 X 2.5                   | 20.8                     | 334     |
| 21990    | 1.27 X 1.52        | 20.8                     | 116     | 22074    | 1.33 X 1.56        | 28.9                     | 176     | 22160    | 1.95                      | 22.4                     | 320     |
| 21991    | 1.27               | 16.4                     | 107     | 22076    | 1.33               | 35.8                     | 174     | 22161    | 1.95                      | 34.3                     | 320     |
| 21993    | 2 X 2.25           | 25.3                     | 333     | 22077    | 1.27               | 23.5                     | 110     | 22162    | 1.19                      | 32.7                     | 40      |
| 21994    | 1.25               | 25.1                     | 77      | 22078    | 1.29               | 14.2                     | 120     | 22163    | 1.19                      | 24.3                     | 38      |
| 21995    | 1.73               | 22                       | 287     | 22079    | 1.53               | 13.7                     | 275     | 22164    | 1.19                      | 24.7                     | 38      |
| 21996    | 1 X 1.25           | 20.9                     | 15      | 22080    | 1.25               | 40                       | 82      | 22165    | 1.19                      | 14.1                     | 33      |
| 21997    | 1.5                | 15.9                     | 233     | 22081    | 1.75               | 29.7                     | 299     | 22166    | 1.5                       | 15.3                     | 232     |
| 21998    | 1.5                | 24.6                     | 248     | 22082    | 1.93 X 2.24        | 18.4                     | 318     | 22167    | 1.33                      | 20                       | 173     |
| 21999    | 1.18               | 8.4                      | 26      | 22083    | 1.71               | 25.5                     | 284     | 22168    | 1.5 X 1.75                | 19.7                     | 263     |
| 22000    | 1.25 X 1.38        | 16.8                     | 85      | 22084    | 1.35 X 1.49        | 46.9                     | 192     | 22169    | 1.52 X 1.77               | 27.2                     | 274     |
| 22001    | 1.25 X 1.5         | 16.2                     | 91      | 22085    | 1.25 X 1.34        | 45.1                     | 84      | 22170    | 1.52 X 1.77               | 26.6                     | 273     |
| 22002    | 1.25 X 1.34        | 20.9                     | 84      | 22086    | 1.52 X 1.77        | 30.2                     | 274     | 22171    | 1.27 X 1.5                | 32.6                     | 115     |
| 22003    | 1.25 X 1.5         | 44.6                     | 99      | 22087    | 1.27               | 28.1                     | 111     | 22174    | 1.27 X 1.52               | 34.1                     | 116     |
| 22004    | 1.34 X 1.5         | 38.6                     | 183     | 22088    | 1.41               | 22.9                     | 204     | 22177    | 2.25 X 2.5                | 6                        | 342     |
| 22005    | 1.06 X 1.34        | 20.5                     | 23      | 22089    | 1.33 X 1.64        | 10.8                     | 176     | 22178    | 1.26 X 1.69 X 0.61 X 0.61 | 14.397                   | 386     |
| 22006    | 1.5                | 17.9                     | 236     | 22090    | 1.22               | 10.9                     | 53      | 22179    | 1.26 X 1.69 X 0.61 X 0.61 | 14.53                    | 386     |
| 22009    | 1.5 X 1.75         | 27.3                     | 267     | 22093    | 1.25 X 1.31 X 0.72 | 15.6                     | 383     | 22180    | 1.02 X 1.26 X 0.28 X 0.21 | 22.2                     | 378     |
| 22010    | 1.19 X 1.47        | 17                       | 42      | 22094    | 1.25 X 1.31 X 0.72 | 16.8                     | 383     | 22181    | 1.2                       | 34.5                     | 45      |
| 22011    | 1.31               | 14.2                     | 146     | 22095    | 1.25 X 1.31 X 0.72 | 16.82                    | 383     | 22182    | 1.2                       | 15.2                     | 44      |
| 22012    | 1.31 X 1.31 X 0.75 | 11                       | 390     | 22096    | 1.25 X 1.56 X 0.72 | 15.7                     | 384     | 22183    | 1.34                      | 14.8                     | 177     |
| 22013    | 1.27 X 1.52        | 32.8                     | 116     | 22097    | 2 X 2.5            | 21.3                     | 334     | 22184    | 1.34                      | 21                       | 178     |
| 22014    | 1.34               | 18.2                     | 178     | 22098    | 2.25 X 2.5         | 24.4                     | 344     | 22185    | 1.34                      | 17.7                     | 177     |
| 22015    | 1.31               | 19.2                     | 152     | 22099    | 2.25 X 2.5         | 27.6                     | 345     | 22186    | 1.34                      | 10.5                     | 176     |
| 22016    | 1.27               | 32.2                     | 113     | 22100    | 2.5                | 21.9                     | 352     | 22187    | 1.25 X 1.5                | 30                       | 97      |
| 22019    | 1.25 X 1.5         | 15.9                     | 90      | 22104    | 1.75 X 2.11 X 0.75 | 20.2                     | 415     | 22188    | 2.44                      | 33                       | 348     |
| 22020    | 1.44               | 27.1                     | 209     | 22105    | 1.77 X 2.13 X 0.77 | 30.09                    | 416     | 22189    | 1.95 X 2.38               | 54.1                     | 320     |
| 22021    | 1.25               | 33.3                     | 81      | 22109    | 1.3 X 1.3 X 0.72   | 18.1                     | 388     | 22190    | 2.25 X 2.5                | 26.5                     | 345     |
| 22022    | 1.47               | 16.2                     | 217     | 22110    | 0.61 X 0.61 X 0.61 | 29.178                   | 363     | 22191    | 1.95                      | 18.4                     | 320     |
| 22023    | 1.25 X 1.52        | 15.1                     | 100     | 22111    | 1.3 X 1.3 X 0.72   | 13.872                   | 387     | 22192    | 2.5                       | 48.2                     | 355     |
| 22024    | 1.42               | 24.5                     | 205     | 22112    | 1.21               | 14.5                     | 48      | 22193    | 2.5                       | 33.2                     | 354     |
| 22025    | 1.75 X 2           | 37.1                     | 310     | 22113    | 1.31               | 20.4                     | 153     |          |                           |                          |         |
| 22026    | 1.31               | 24.9                     | 158     | 22114    | 1.27 X 1.31        | 16.1                     | 114     |          |                           |                          |         |
| 22027    | 1.27               | 44.2                     | 114     | 22115    | 1                  | 7                        | 10      |          |                           |                          |         |

## Hose Dimensions — Listed in Order by Part Number

| Part No. | Hose I.D. (In.)           | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)           | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)            | Center Line Length (In.) | Row No. |
|----------|---------------------------|--------------------------|---------|----------|---------------------------|--------------------------|---------|----------|----------------------------|--------------------------|---------|
| 22194    | 2.5                       | 50.6                     | 355     | 22284    | 1.39 X 1.47               | 23.7                     | 203     | 22361    | 1.27                       | 19.1                     | 108     |
| 22196    | 1.27                      | 32.5                     | 113     | 22285    | 1.7                       | 9.3                      | 283     | 22362    | 1.27                       | 31.7                     | 112     |
| 22197    | 1.34                      | 18.2                     | 178     | 22286    | 1.47                      | 26.9                     | 220     | 22363    | 1.47                       | 16.5                     | 217     |
| 22199    | 1                         | 6.2                      | 10      | 22287    | 1.72                      | 17.4                     | 285     | 22364    | 1.47                       | 11.7                     | 217     |
| 22208    | 1.05                      | 13.8                     | 19      | 22288    | 1.47                      | 32.5                     | 220     | 22365    | 1.52 X 1.77                | 27.6                     | 274     |
| 22209    | 1.25                      | 33.4                     | 81      | 22289    | 1.47                      | 26.8                     | 219     | 22366    | 1.23 X 1.31 X 0.58 X 0.58  | 11.95                    | 381     |
| 22210    | 1                         | 5                        | 10      | 22290    | 1.47                      | 30.4                     | 220     |          |                            |                          |         |
| 22211    | 1.31 X 1.31 X 0.74        | 15.42                    | 390     | 22291    | 1.72 X 1.75               | 23.5                     | 287     | 22367    | 1.26 X 1.34 X 0.58 X 0.58  | 11.61                    | 386     |
| 22212    | 1.25 X 1.34               | 14.3                     | 84      | 22292    | 1.72 X 1.97 X 1           | 24.15                    | 412     |          |                            |                          |         |
| 22213    | 1.06                      | 11.9                     | 20      | 22293    | 1.95                      | 39.3                     | 320     | 22368    | 1.47 X 1.47 X 0.72         | 10.95                    | 398     |
| 22214    | 1.25                      | 22.1                     | 74      | 22294    | 1.72 X 1.83 X 0.97 X 0.72 | 13.4                     | 412     | 22369    | 1.47 X 1.47 X 0.72         | 9.9                      | 397     |
| 22215    | 1.25                      | 16                       | 67      |          |                           |                          |         | 22371    | 1.72 X 1.72 X 0.98 X 0.73  | 30.74                    | 411     |
| 22216    | 1.72 X 1.94 X 0.92        | 26                       | 412     | 22295    | 1.72 X 1.83 X 0.97        | 14.76                    | 411     |          |                            |                          |         |
| 22217    | 0.95                      | 36.7                     | 9       | 22296    | 1.72 X 1.72 X 0.97 X 0.72 | 13.4                     | 409     | 22372    | 1.72 X 1.72 X 0.98         | 33.23                    | 410     |
| 22218    | 1.06                      | 15                       | 21      |          |                           |                          |         | 22373    | 1.27 X 1.52                | 16.3                     | 116     |
| 22219    | 1.47                      | 21.5                     | 218     | 22297    | 1.72 X 1.72 X 0.97 X 0.73 | 13.46                    | 409     | 22374    | 1.52 X 1.77                | 26.6                     | 274     |
| 22220    | 1.47                      | 16.7                     | 218     |          |                           |                          |         | 22375    | 1.27                       | 17.1                     | 107     |
| 22221    | 1.22 X 1.44               | 22.5                     | 55      | 22298    | 1.72 X 1.72 X 0.97        | 14.76                    | 409     | 22376    | 1.45                       | 25.3                     | 213     |
| 22222    | 1.5                       | 14.1                     | 231     | 22299    | 1.72 X 1.72 X 0.97        | 24.62                    | 409     | 22377    | 1.45                       | 15.3                     | 212     |
| 22223    | 1.27                      | 15                       | 106     | 22300    | 1.47                      | 24.9                     | 219     | 22378    | 1.33 X 1.56                | 25.6                     | 175     |
| 22224    | 1.34 X 1.5                | 21.6                     | 183     | 22301    | 1.72                      | 24.1                     | 286     | 22379    | 1.33                       | 18.1                     | 172     |
| 22225    | 1.34 X 1.5                | 41.4                     | 183     | 22302    | 1.72                      | 29.1                     | 287     | 22380    | 1.47                       | 19.1                     | 218     |
| 22226    | 1.5                       | 40.1                     | 256     | 22303    | 1.5                       | 20.8                     | 242     | 22381    | 1.18                       | 14                       | 27      |
| 22227    | 1.25 X 1.5                | 15.2                     | 90      | 22304    | 1.06 X 1.46               | 4.8                      | 23      | 22382    | 1.18                       | 17.9                     | 28      |
| 22228    | 1.25                      | 30.1                     | 80      | 22305    | 1.47 X 1.75               | 30.4                     | 222     | 22384    | 1.52 X 1.77                | 24.6                     | 273     |
| 22229    | 1.25 X 1.5                | 32.2                     | 98      | 22306    | 1.31                      | 23.9                     | 157     | 22385    | 0.625 X 0.625 X 0.75       | 15.77                    | 368     |
| 22230    | 1.52 X 1.77               | 24.2                     | 273     | 22307    | 1.47                      | 27.8                     | 220     |          |                            |                          |         |
| 22231    | 1.27                      | 38                       | 113     | 22309    | 1.3                       | 19.2                     | 130     | 22386    | 1.22 X 1.47                | 5.5                      | 56      |
| 22232    | 1.32 X 1.45               | 23.4                     | 170     | 22310    | 1.47                      | 23.7                     | 219     | 22387    | 1.22                       | 13                       | 53      |
| 22233    | 1.35 X 1.53               | 24                       | 193     | 22311    | 1.47 X 1.72               | 11.4                     | 221     | 22388    | 1.44 X 1.62 X 0.94         | 40                       | 396     |
| 22234    | 1.35 X 1.53               | 15.7                     | 193     | 22314    | 1.72                      | 26.7                     | 286     | 22392    | 1.47                       | 23.3                     | 219     |
| 22235    | 1.34 X 1.53               | 14                       | 183     | 22315    | 1.72                      | 20.6                     | 285     | 22393    | 1.47                       | 21.8                     | 218     |
| 22236    | 1.34 X 1.53               | 20.8                     | 183     | 22316    | 1.72                      | 20.2                     | 285     | 22394    | 1 X 1.22                   | 24.8                     | 15      |
| 22237    | 1.77 X 2.13 X 0.75        | 21                       | 416     | 22317    | 1.72 X 1.72 X 0.98        | 39.21                    | 410     | 22395    | 1 X 1.22                   | 24                       | 14      |
| 22239    | 1.02 X 1.26               | 18.4                     | 16      | 22318    | 1.72 X 1.72 X 0.98 X 0.73 | 34.8                     | 411     | 22396    | 1.68                       | 17.9                     | 283     |
| 22240    | 1.06 X 1.26               | 8.4                      | 23      |          |                           |                          |         | 22397    | 1.33                       | 17.3                     | 172     |
| 22241    | 1.47 X 1.54               | 17.9                     | 221     | 22319    | 1.72 X 1.72 X 0.98        | 26.19                    | 410     | 22398    | 0.6 X 0.72 X 0.38          | 15.38                    | 362     |
| 22242    | 1.47                      | 22.9                     | 218     | 22320    | 1.31                      | 13.3                     | 145     | 22399    | 0.6 X 0.87 X 0.38          | 23.26                    | 362     |
| 22243    | 1.47 X 1.47 X 0.73        | 17.5                     | 398     | 22321    | 1.25                      | 18.2                     | 69      | 22400    | 1.94                       | 20.7                     | 318     |
| 22244    | 1.47                      | 17.5                     | 218     | 22322    | 1.19                      | 14.3                     | 33      | 22401    | 1.7 X 0.625 X 0.625 X 1.75 | 3.75                     | 407     |
| 22245    | 1.45                      | 35.2                     | 213     | 22323    | 1.04                      | 29.9                     | 18      |          |                            |                          |         |
| 22246    | 1.3                       | 14.1                     | 125     | 22324    | 1.27                      | 25                       | 111     | 22402    | 1.7 X 0.625 X 0.625 X 1.75 | 4.13                     | 407     |
| 22247    | 1.75                      | 31.1                     | 299     | 22325    | 1.34                      | 12                       | 176     |          |                            |                          |         |
| 22248    | 1.47                      | 27.8                     | 220     | 22326    | 1.34                      | 14                       | 177     | 22403    | 1.27                       | 23.5                     | 110     |
| 22249    | 1.47 X 1.71 X 0.98        | 14.7                     | 399     | 22327    | 1.34                      | 21.2                     | 179     | 22404    | 1.27                       | 23.7                     | 110     |
| 22250    | 1.2                       | 13.3                     | 43      | 22328    | 1.26                      | 20.4                     | 102     | 22405    | 1.28                       | 14.4                     | 118     |
| 22251    | 1.2 X 1.37                | 14.6                     | 47      | 22329    | 1.52                      | 17.7                     | 272     | 22406    | 1.27 X 1.77                | 24.2                     | 117     |
| 22252    | 1.2 X 1.37                | 32.9                     | 47      | 22330    | 1.06                      | 16.2                     | 21      | 22407    | 1.13 X 1.23                | 18.2                     | 25      |
| 22253    | 1.2 X 1.37                | 31.6                     | 47      | 22331    | 1.31                      | 23.6                     | 157     | 22408    | 1.13 X 1.23                | 34.9                     | 25      |
| 22254    | 1.47 X 1.47 X 0.6         | 15.6                     | 397     | 22332    | 1.31                      | 19.1                     | 152     | 22409    | 1.23 X 1.31                | 17.7                     | 58      |
| 22255    | 1.47 X 1.47 X 0.59        | 18.4                     | 397     | 22333    | 1.31 X 1.31 X 0.75        | 17.38                    | 391     | 22410    | 1.2 X 1.33                 | 17.4                     | 47      |
| 22258    | 1.3                       | 22.4                     | 133     | 22334    | 1.31 X 1.31 X 0.75        | 13.98                    | 390     | 22411    | 1.38                       | 12.3                     | 196     |
| 22259    | 1.3                       | 24.5                     | 134     | 22335    | 1.18                      | 21.8                     | 30      | 22412    | 1.38                       | 20.7                     | 197     |
| 22260    | 1.3                       | 26.5                     | 136     | 22336    | 1.18                      | 16.1                     | 28      | 22413    | 1.21                       | 16.5                     | 49      |
| 22261    | 1.25 X 1.5                | 45                       | 99      | 22337    | 1.25 X 1.25 X 1.5 X 0.3   | 15.37                    | 383     | 22414    | 1.21                       | 23.8                     | 50      |
| 22262    | 1.27                      | 19.3                     | 108     |          |                           |                          |         | 22415    | 1.2                        | 18.4                     | 44      |
| 22263    | 1.27                      | 21.5                     | 109     | 22338    | 1.19                      | 15.9                     | 34      | 22416    | 1.33                       | 19.8                     | 173     |
| 22264    | 1.27 X 1.52               | 14.2                     | 116     | 22339    | 1.19                      | 35.2                     | 40      | 22417    | 1.5 X 1.75                 | 27.7                     | 267     |
| 22265    | 1.27 X 1.52               | 35.1                     | 117     | 22340    | 1.19                      | 19.1                     | 35      | 22418    | 1.25                       | 22                       | 74      |
| 22266    | 1.27                      | 32.7                     | 113     | 22341    | 1.19                      | 26                       | 39      | 22419    | 1.25                       | 17.4                     | 69      |
| 22267    | 1.27 X 1.77               | 21.5                     | 117     | 22342    | 1.31                      | 20.3                     | 153     | 22420    | 1.25                       | 16.3                     | 67      |
| 22268    | 1.77                      | 23.1                     | 312     | 22343    | 1.31 X 1.31 X 0.73        | 11.34                    | 390     | 22421    | 1.25 X 1.44                | 17.8                     | 87      |
| 22269    | 1.3                       | 18.2                     | 129     | 22344    | 1.25                      | 21.2                     | 73      | 22422    | 1.35                       | 11.9                     | 185     |
| 22270    | 1.18                      | 17.9                     | 28      | 22345    | 1.25                      | 15.5                     | 66      | 22423    | 1.25                       | 23.3                     | 75      |
| 22271    | 1.18                      | 20.1                     | 29      | 22346    | 1.33                      | 11.2                     | 170     | 22424    | 1.31 X 1.46                | 24                       | 162     |
| 22272    | 1.18                      | 18.4                     | 29      | 22347    | 1.33                      | 13.6                     | 171     | 22425    | 1.52 X 1.77                | 19.9                     | 273     |
| 22273    | 2.5 X 2.86                | 12                       | 356     | 22349    | 1.47                      | 26.5                     | 219     | 22426    | 1.52 X 1.77                | 26.7                     | 274     |
| 22274    | 3                         | 21.6                     | 360     | 22350    | 1.47                      | 15                       | 217     | 22427    | 1.27                       | 19.1                     | 108     |
| 22275    | 1.34 X 1.55               | 18.2                     | 184     | 22351    | 1.47 X 1.47 X 0.6         | 17.31                    | 397     | 22428    | 1.27                       | 22.8                     | 109     |
| 22276    | 1.58                      | 4.8                      | 280     | 22352    | 1.27                      | 24.2                     | 110     | 22429    | 1.72                       | 20.6                     | 286     |
| 22277    | 1.25 X 1.87 X 0.91 X 0.64 | 37.75                    | 385     | 22353    | 1.27                      | 8.5                      | 105     | 22430    | 1.72 X 1.72 X 0.73 X 0.73  | 39.5                     | 408     |
|          |                           |                          |         | 22354    | 1.27                      | 14.9                     | 106     |          |                            |                          |         |
| 22278    | 1.23                      | 13.4                     | 56      | 22355    | 1.05                      | 10.7                     | 18      | 22431    | 1.72                       | 16.9                     | 285     |
| 22279    | 1.32 X 1.56               | 10.5                     | 170     | 22356    | 1.27                      | 19.3                     | 109     | 22432    | 1.72 X 1.81 X 0.73 X 0.81  | 35.18                    | 411     |
| 22280    | 1.47 X 1.72               | 26.4                     | 222     | 22357    | 1.27                      | 32.2                     | 113     |          |                            |                          |         |
| 22281    | 1.23 X 1.25               | 19.8                     | 57      | 22358    | 1.24                      | 36.2                     | 59      | 22433    | 1.72                       | 25                       | 286     |
| 22283    | 1.47 X 1.72               | 13.5                     | 222     | 22359    | 1.77 X 2.15 X 0.76        | 21.46                    | 416     | 22434    | 1.74 X 2                   | 28.1                     | 288     |
|          |                           |                          |         | 22360    | 1.75                      | 32.2                     | 300     | 22435    | 1.29                       | 32                       | 122     |

## Hose Dimensions — Listed in Order by Part Number

| Part No. | Hose I.D. (In.)       | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)        | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)           | Center Line Length (In.) | Row No. |
|----------|-----------------------|--------------------------|---------|----------|------------------------|--------------------------|---------|----------|---------------------------|--------------------------|---------|
| 22436    | 1.27                  | 47.8                     | 114     | 22516    | 1.58                   | 4.3                      | 280     | 22590    | 1.46 X 1.53               | 12.5                     | 216     |
| 22437    | 1.52                  | 18                       | 273     | 22517    | 1.36                   | 10.9                     | 193     | 22591    | 1.33 X 1.5                | 24.9                     | 175     |
| 22438    | 1.52 X 1.77 X 1       | 24.43                    | 405     | 22518    | 1.08                   | 4.5                      | 23      | 22592    | 1.41 X 1.48               | 16.1                     | 205     |
| 22439    | 1.61                  | 13.8                     | 281     | 22519    | 1                      | 5.8                      | 10      | 22593    | 1.38 X 1.52               | 34.3                     | 200     |
| 22440    | 1.61                  | 15.3                     | 281     | 22520    | 0.625 X 0.625 X 0.625  | 30.69                    | 367     | 22594    | 1.42 X 1.47               | 27.4                     | 205     |
| 22441    | 1.49                  | 17.7                     | 225     |          |                        |                          |         | 22595    | 1.48 X 1.62               | 31.9                     | 225     |
| 22442    | 1.5 X 1.5 X 0.73      | 34.28                    | 402     | 22521    | 0.625 X 0.625 X 0.625  | 36.59                    | 368     | 22596    | 1.53 X 1.62               | 18.1                     | 276     |
| 22443    | 1.68                  | 22.5                     | 283     |          |                        |                          |         | 22598    | 1.22 X 1.47 X 0.25        | 14.6                     | 380     |
| 22444    | 1.26                  | 17.5                     | 102     | 22522    | 1.31                   | 13.2                     | 145     | 22600    | 1.27 X 0.96 X 0.61 X 0.61 | 12.5                     | 386     |
| 22445    | 1.25 X 1.5            | 11.3                     | 89      | 22523    | 1.31                   | 14.3                     | 147     |          |                           |                          |         |
| 22446    | 1.5                   | 21.2                     | 243     | 22524    | 1.3                    | 13.7                     | 125     | 22601    | 0.75 X 0.96 X 0.61        | 12.8                     | 375     |
| 22447    | 1.5                   | 17.5                     | 236     | 22525    | 1.25                   | 44.8                     | 82      | 22602    | 1.25                      | 18.6                     | 381     |
| 22448    | 1.5                   | 8.4                      | 226     | 22526    | 1.28                   | 40.6                     | 119     | 22603    | 1.25                      | 20.6                     | 72      |
| 22449    | 1.44                  | 16.7                     | 207     | 22527    | 1.31 X 1.31 X 0.76     | 27.75                    | 393     | 22607    | 1.24                      | 22.3                     | 58      |
| 22450    | 1.17                  | 12.6                     | 26      | 22529    | 1.2                    | 35.5                     | 46      | 22609    | 0.61 X 0.61 X 0.61        | 20.2                     | 363     |
| 22451    | 1.5                   | 26.1                     | 250     | 22530    | 1.45                   | 23.4                     | 213     | 22611    | 1.31 X 1.43               | 25                       | 162     |
| 22452    | 1.5 X 1.74            | 18.8                     | 258     | 22531    | 1.34                   | 9.1                      | 176     | 22612    | 1.31 X 1.48               | 19.1                     | 163     |
| 22453    | 1.32                  | 13.2                     | 166     | 22532    | 1.34                   | 24.7                     | 180     | 22613    | 0.62 X 0.62 X 0.75        | 62.04                    | 365     |
| 22454    | 1.06                  | 14.7                     | 20      | 22533    | 1.5                    | 15.2                     | 232     | 22614    | 0.62 X 0.62 X 0.75        | 61.87                    | 365     |
| 22455    | 1.18                  | 13                       | 27      | 22534    | 1.3                    | 9.8                      | 123     | 22615    | 1.24                      | 31.7                     | 59      |
| 22456    | 1.24                  | 25.4                     | 59      | 22535    | 1.3                    | 20.3                     | 131     | 22616    | 1.24                      | 22                       | 58      |
| 22457    | 1.06 X 1.21           | 12.5                     | 22      | 22536    | 1.04                   | 11.7                     | 17      | 22617    | 1.39                      | 18.3                     | 203     |
| 22458    | 1.08                  | 11.9                     | 23      | 22537    | 1.04                   | 22.3                     | 18      | 22618    | 1.36                      | 17.4                     | 194     |
| 22459    | 1.34                  | 11.5                     | 176     | 22538    | 0.625 X 0.73 X 0.625   | 23.11                    | 368     | 22619    | 1.39                      | 15.9                     | 202     |
| 22460    | 1.25 X 1.8            | 12.1                     | 101     |          |                        |                          |         | 22620    | 1.3                       | 23.2                     | 133     |
| 22461    | 1.14 X 1.24           | 18.1                     | 26      | 22539    | 1.74                   | 20.7                     | 288     | 22621    | 1.38                      | 24.1                     | 198     |
| 22462    | 1.3                   | 20.5                     | 132     | 22540    | 0.625 X 0.73 X 0.625   | 22.18                    | 368     | 22622    | 1.33                      | 20.8                     | 173     |
| 22463    | 1.27 X 1.39           | 19.3                     | 115     |          |                        |                          |         | 22623    | 1.26                      | 24.2                     | 102     |
| 22464    | 1.27 X 1.65           | 24.6                     | 117     | 22541    | 1.75                   | 21.2                     | 296     | 22624    | 0.63 X 0.63 X 0.63        | 38.53                    | 370     |
| 22465    | 1.24 X 1.6 X 0.75     | 18.25                    | 381     | 22542    | 1.75                   | 17                       | 291     | 22625    | 1.34 X 1.5                | 20.4                     | 182     |
| 22467    | 1.5                   | 25.2                     | 248     | 22543    | 1.46                   | 13.7                     | 214     | 22626    | 1.34 X 1.5                | 12.7                     | 182     |
| 22468    | 0.6 X 0.6 X 0.25      | 34.01                    | 362     | 22544    | 1.46                   | 18                       | 215     | 22627    | 1.32                      | 15.9                     | 167     |
| 22469    | 0.6 X 0.6 X 0.25      | 34.93                    | 362     | 22545    | 1.46                   | 7.5                      | 214     | 22628    | 1.31                      | 30.4                     | 160     |
| 22470    | 0.62 X 0.93           | 64.7                     | 367     | 22546    | 1.46                   | 19.6                     | 215     | 22629    | 1.24 X 1.29               | 17.3                     | 59      |
| 22471    | 0.6 X 0.91            | 57.3                     | 362     | 22547    | 1.46                   | 15.5                     | 215     | 22630    | 1.23                      | 21.8                     | 57      |
| 22472    | 1.31 X 1.55           | 13.7                     | 165     | 22548    | 1.76                   | 39.6                     | 312     | 22631    | 1.24                      | 28.4                     | 59      |
| 22473    | 1.3                   | 24.9                     | 134     | 22549    | 1.72                   | 21.1                     | 286     | 22632    | 1.29                      | 12                       | 120     |
| 22474    | 1.24                  | 13.5                     | 58      | 22550    | 1.72                   | 16.5                     | 284     | 22633    | 1.29                      | 18.33                    | 121     |
| 22475    | 1.3                   | 20.5                     | 132     | 22551    | 1.72                   | 19.5                     | 285     | 22634    | 1.27                      | 29.6                     | 112     |
| 22476    | 1.5 X 1.75            | 17.4                     | 261     | 22552    | 1.33                   | 15.4                     | 171     | 22635    | 1.38 X 1.45               | 17.92                    | 199     |
| 22477    | 1.5                   | 13.7                     | 231     | 22553    | 1.5                    | 10                       | 226     | 22636    | 1.54 X 1.68               | 15.49                    | 277     |
| 22478    | 1.34 X 1.55           | 20                       | 184     | 22554    | 1 X 0.75 X 0.63 X 0.63 | 19.1                     | 378     | 22637    | 1.54                      | 18.7                     | 276     |
| 22479    | 1.05 X 1.3            | 20.1                     | 19      |          |                        |                          |         | 22638    | 1.51                      | 10.12                    | 272     |
| 22480    | 1.33                  | 27                       | 174     | 22555    | 1.5                    | 16.2                     | 233     | 22639    | 1.51                      | 14.09                    | 272     |
| 22481    | 1.35                  | 27.3                     | 190     | 22556    | 1.16                   | 14.9                     | 26      | 22640    | 1.25                      | 17.3                     | 68      |
| 22482    | 1.49                  | 23                       | 225     | 22557    | 1.31                   | 14                       | 146     | 22641    | 1.53                      | 15                       | 275     |
| 22483    | 1.5 X 1.69            | 24.3                     | 257     | 22558    | 1.5 X 1.77             | 16.7                     | 269     | 22642    | 1.24 X 1.5                | 39                       | 60      |
| 22484    | 1.5                   | 20.4                     | 241     | 22559    | 1.5 X 1.77             | 26.2                     | 269     | 22643    | 1.34 X 1.5                | 27.6                     | 183     |
| 22485    | 1.5 X 1.75            | 13.8                     | 259     | 22560    | 1.32                   | 15.9                     | 167     | 22644    | 1.1                       | 15.3                     | 24      |
| 22486    | 1.5                   | 10.6                     | 227     | 22561    | 1.21                   | 28.4                     | 50      | 22645    | 1.71                      | 26.8                     | 284     |
| 22487    | 1.25 X 1.38           | 33                       | 86      | 22562    | 1.45 X 1.45 X 0.73     | 15.49                    | 396     | 22646    | 1.47                      | 35.58                    | 221     |
| 22488    | 1.3 X 1.44            | 15.9                     | 140     | 22563    | 1.34                   | 10.4                     | 176     | 22647    | 1.32                      | 15.8                     | 167     |
| 22489    | 1.46                  | 18.3                     | 215     | 22564    | 1.32                   | 21.6                     | 169     | 22648    | 1.3 X 1.53                | 14.6                     | 142     |
| 22491    | 1.46 X 1.63           | 24.5                     | 217     | 22565    | 1.18 X 1.3             | 27.5                     | 31      | 22649    | 2                         | 14.1                     | 322     |
| 22492    | 1.3                   | 20.6                     | 132     | 22566    | 1.22                   | 34.1                     | 54      | 22650    | 1.77 X 2.12 X 1 X 0.625   | 41.8                     | 415     |
| 22493    | 1.3 X 1.46            | 14.6                     | 141     | 22567    | 1.44                   | 20.2                     | 208     |          |                           |                          |         |
| 22494    | 1.5                   | 10.7                     | 227     | 22568    | 1.31                   | 19.9                     | 153     | 22651    | 1.3 X 1.53                | 30                       | 142     |
| 22495    | 1.5                   | 18.9                     | 239     | 22569    | 1.2                    | 39.6                     | 46      | 22652    | 1.3                       | 10.1                     | 123     |
| 22496    | 1.5                   | 11.5                     | 228     | 22570    | 0.72 X 0.72 X 0.38     | 30.88                    | 373     | 22653    | 1.25 X 1.46               | 17.34                    | 88      |
| 22497    | 1.5                   | 12.3                     | 229     | 22571    | 1.21                   | 9.9                      | 48      | 22654    | 1.25 X 1.46               | 22.41                    | 88      |
| 22498    | 1.5                   | 12.3                     | 229     | 22572    | 1.29                   | 32.7                     | 122     | 22655    | 1.51 X 1.77               | 21.65                    | 272     |
| 22499    | 1.3 X 1.4             | 17.1                     | 140     | 22573    | 1.38                   | 5.1                      | 195     | 22656    | 1.33                      | 17.6                     | 172     |
| 22500    | 1.26 X 1.36           | 9.8                      | 103     | 22574    | 1.38 X 1.62            | 12.5                     | 201     | 22657    | 1.32                      | 35                       | 170     |
| 22501    | 1.31 X 1.44           | 13.2                     | 162     | 22575    | 1.38 X 1.62            | 17.4                     | 201     | 22658    | 1.33                      | 21                       | 173     |
| 22502    | 1.24                  | 22.7                     | 59      | 22576    | 1.47 X 1.62            | 20.7                     | 221     | 22659    | 1.32                      | 15.9                     | 167     |
| 22503    | 1.24                  | 22.5                     | 58      | 22577    | 1.5 X 1.64             | 18.5                     | 257     | 22660    | 1.33                      | 19.4                     | 173     |
| 22504    | 1.25 X 1.31 X 0.75    | 15.09                    | 384     | 22578    | 1.48 X 1.62            | 18.9                     | 224     | 22661    | 1.48 X 1.77               | 15.3                     | 225     |
| 22505    | 1.5 X 1.5 X 0.75      | 18.81                    | 402     | 22579    | 1.46 X 1.62            | 15.6                     | 217     | 22662    | 1.45 X 1.45 X 0.93        | 43.27                    | 397     |
| 22507    | 1.18                  | 13.6                     | 27      | 22580    | 1.38 X 1.62            | 19.9                     | 202     | 22663    | 1.504 X 2                 | 33.3                     | 272     |
| 22508    | 1.18 X 1.3            | 16.1                     | 31      | 22581    | 1.38 X 1.62            | 16.3                     | 201     | 22664    | 1.949                     | 37.4                     | 319     |
| 22509    | 1.45                  | 15                       | 212     | 22582    | 1.42 X 1.62            | 19.5                     | 205     | 22667    | 1.2 X 1.25                | 22.62                    | 46      |
| 22510    | 1.21 X 1.59           | 15                       | 52      | 22583    | 1.38 X 1.62            | 28                       | 202     | 22668    | 2                         | 24.25                    | 327     |
| 22511    | 1.2                   | 35                       | 46      | 22584    | 1.42 X 1.54            | 12.6                     | 205     | 22669    | 1.81 X 2                  | 24.5                     | 313     |
| 22512    | 0.62 X 0.73 X 0.62    | 9.6                      | 365     | 22585    | 1.38 X 1.62            | 12.8                     | 201     | 22670    | 2.25                      | 23.1                     | 339     |
| 22513    | 0.625 X 0.625 X 0.625 | 25.5                     | 367     | 22586    | 1.41                   | 18.6                     | 204     | 22671    | 2.25                      | 14                       | 337     |
|          |                       |                          |         | 22587    | 1.32                   | 19.5                     | 168     | 22672    | 1.44                      | 16.2                     | 207     |
| 22515    | 1.36                  | 12.2                     | 193     | 22588    | 1.33 X 1.52            | 9.9                      | 175     | 22673    | 1.29 X 1.43               | 20.1                     | 123     |
|          |                       |                          |         | 22589    | 1.33                   | 13.9                     | 171     |          |                           |                          |         |

## Hose Dimensions — Listed in Order by Part Number

| Part No. | Hose I.D. (In.)      | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)           | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)           | Center Line Length (In.) | Row No. |
|----------|----------------------|--------------------------|---------|----------|---------------------------|--------------------------|---------|----------|---------------------------|--------------------------|---------|
| 22674    | 1.46                 | 22.9                     | 215     | 22752    | 1.5 X 1.75                | 30.4                     | 268     | 22834    | 1.19                      | 21.7                     | 38      |
| 22675    | 1.46                 | 22                       | 215     | 22753    | 1.28                      | 16.9                     | 118     | 22835    | 1.19                      | 10.5                     | 32      |
| 22676    | 1.26 X 1.41          | 14.56                    | 103     | 22754    | 1.55                      | 22.1                     | 277     | 22836    | 1.19                      | 14.4                     | 33      |
| 22677    | 1.22 X 1.41          | 31.41                    | 55      | 22755    | 1.28                      | 41.9                     | 119     | 22837    | 1.19 X 1.28               | 19.4                     | 41      |
| 22678    | 1.5 X 1.94           | 31.35                    | 271     | 22756    | 1.54                      | 19.5                     | 276     | 22838    | 1.5                       | 8.4                      | 226     |
| 22679    | 1.78 X 1.97          | 25.401                   | 312     | 22757    | 1.2 X 1.33                | 20.9                     | 47      | 22839    | 1.45 X 1.45 X 0.62 X 0.62 | 12.4                     | 396     |
| 22680    | 1.45                 | 19.86                    | 212     | 22758    | 1.32                      | 19.9                     | 168     |          |                           |                          |         |
| 22681    | 1.41                 | 24.3                     | 204     | 22759    | 1.3                       | 20.6                     | 132     | 22840    | 1.45 X 1.45 X 0.61 X 0.61 | 28                       | 396     |
| 22682    | 1.5                  | 14.9                     | 232     | 22760    | 1.29                      | 31.8                     | 122     |          |                           |                          |         |
| 22683    | 1.77 X 1.77 X 1      | 19.6                     | 415     | 22761    | 1.48                      | 20.4                     | 223     | 22841    | 1.25 X 1.25 X 0.38        | 19.7                     | 382     |
| 22684    | 1.2                  | 10.28                    | 43      | 22762    | 2.5                       | 27.4                     | 353     | 22842    | 1.26                      | 28.8                     | 103     |
| 22685    | 1.2 X 1.25           | 8.86                     | 46      | 22763    | 1.75                      | 23                       | 297     | 22843    | 2.25                      | 32.75                    | 341     |
| 22686    | 1.3                  | 18.3                     | 129     | 22764    | 1.75 X 2                  | 39.2                     | 310     | 22844    | 1.32                      | 17.21                    | 167     |
| 22687    | 1.3                  | 17.8                     | 129     | 22765    | 1.75 X 2                  | 32.8                     | 310     | 22845    | 1.32                      | 19.7                     | 168     |
| 22688    | 1.31                 | 12.595                   | 144     | 22766    | 1.75 X 2                  | 31                       | 309     | 22846    | 1.75 X 2                  | 23.659                   | 308     |
| 22689    | 1.31                 | 12.528                   | 144     | 22767    | 1.75 X 2                  | 24.9                     | 308     | 22847    | 2 X 2.25                  | 18.908                   | 332     |
| 22690    | 1.7                  | 35.97                    | 283     | 22768    | 1.75 X 2                  | 69.23                    | 414     | 22848    | 1.22                      | 18.2                     | 53      |
| 22691    | 1.45                 | 19.21                    | 212     | 22769    | 1.5 X 1.75                | 16.6                     | 261     | 22849    | 1.22                      | 9                        | 52      |
| 22692    | 1.48                 | 17.67                    | 223     | 22770    | 1.75 X 1.75 X 1           | 25                       | 413     | 22850    | 2.5                       | 22.6                     | 352     |
| 22693    | 1.73                 | 19.655                   | 287     | 22771    | 1.75 X 2 X 1              | 49.1                     | 415     | 22851    | 1.32 X 1.49               | 17.2                     | 170     |
| 22694    | 1.5                  | 28.062                   | 252     | 22773    | 2.5                       | 38.5                     | 354     | 22852    | 1.33 X 1.49               | 19.3                     | 175     |
| 22695    | 1.73                 | 20.264                   | 287     | 22774    | 2.25                      | 22.5                     | 339     | 22853    | 1.25                      | 19.7                     | 70      |
| 22696    | 1.29                 | 19.2                     | 121     | 22775    | 2 X 2.25                  | 19.9                     | 332     | 22854    | 1.519 X 1.772             | 28.893                   | 272     |
| 22697    | 1.31 X 1.31 X 0.75   | 18.4                     | 391     | 22776    | 2.25 X 2.5                | 16.81                    | 343     | 22855    | 2                         | 17.5                     | 324     |
| 22698    | 1.8                  | 21.6                     | 313     | 22777    | 1.47 X 1.73               | 21.1                     | 222     | 22856    | 2                         | 42.8                     | 418     |
| 22699    | 1.26                 | 27.9                     | 102     | 22778    | 1.72 X 1.97 X 0.96        | 19.4                     | 412     | 22857    | 1.75                      | 17.6                     | 292     |
| 22700    | 1.75 X 2             | 23.6                     | 307     | 22779    | 1.75                      | 17.5                     | 292     | 22858    | 1.75                      | 17                       | 291     |
| 22701    | 2                    | 13.2                     | 322     | 22780    | 2                         | 34.1                     | 329     | 22859    | 1.5                       | 23.7                     | 246     |
| 22702    | 2                    | 22.4                     | 326     | 22781    | 2 X 2.5                   | 29.272                   | 335     | 22860    | 1.73 X 0.76 X 0.76 X 1.01 | 13.6                     | 413     |
| 22703    | 1.19                 | 29.6                     | 40      | 22782    | 2.25 X 2.25               | 28.425                   | 341     |          |                           |                          |         |
| 22704    | 2 X 2.25             | 25.8                     | 333     | 22783    | 2.5 X 2.5                 | 23.769                   | 355     | 22861    | 1.47 X 1.74               | 50.8                     | 399     |
| 22705    | 1.93                 | 25.7                     | 315     | 22784    | 2.25 X 2.25               | 19.045                   | 341     | 22862    | 1.75                      | 31.6                     | 300     |
| 22706    | 1.5 X 1.93           | 23.643                   | 270     | 22785    | 2 X 2.5                   | 17.818                   | 334     | 22863    | 1.75                      | 30.3                     | 299     |
| 22707    | 2.5                  | 15.924                   | 350     | 22786    | 1.25 X 1.5                | 35.7                     | 99      | 22865    | 1.38                      | 17.5                     | 197     |
| 22708    | 1.3 X 1.3 X 0.73     | 20.6                     | 388     | 22787    | 1.47 X 1.47 X 0.95        | 43.6                     | 398     | 22866    | 1.38                      | 17.3                     | 197     |
| 22709    | 2.25 X 2.38          | 16.1                     | 341     | 22788    | 1.49                      | 21.4                     | 225     | 22867    | 1.25 X 1.25 X 0.75        | 15                       | 382     |
| 22710    | 2.25 X 2.38          | 18.6                     | 341     | 22789    | 1.44                      | 25.7                     | 209     | 22868    | 1.31                      | 15.7                     | 148     |
| 22711    | 2.25 X 2.38          | 27.9                     | 341     | 22790    | 1.44                      | 16.5                     | 207     | 22869    | 1.31                      | 25.2                     | 158     |
| 22712    | 2.25 X 2.44          | 14.4                     | 341     | 22791    | 1.48                      | 25.5                     | 223     | 22870    | 1.38                      | 23.9                     | 198     |
| 22713    | 2.38                 | 13.9                     | 347     | 22793    | 1.48                      | 15.6                     | 223     | 22871    | 1.38                      | 16.5                     | 196     |
| 22714    | 2.375                | 18.5                     | 347     | 22794    | 1.34                      | 11.1                     | 176     | 22872    | 1.25                      | 23.7                     | 75      |
| 22715    | 2.375                | 13.7                     | 346     | 22795    | 1.75 X 2                  | 30.96                    | 309     | 22873    | 1.25                      | 14.4                     | 65      |
| 22716    | 2.5                  | 28.5                     | 353     | 22796    | 1.49 X 1.49 X 0.62 X 0.62 | 15.6                     | 400     | 22874    | 1.06 X 1.22               | 13.1                     | 22      |
| 22717    | 2.375                | 19                       | 347     |          | 0.62                      |                          |         | 22875    | 1.25                      | 12.2                     | 63      |
| 22718    | 1.78                 | 12.04                    | 312     | 22797    | 1.49                      | 24.5                     | 399     | 22876    | 1.25                      | 6.7                      | 60      |
| 22719    | 1.48                 | 10.836                   | 222     | 22799    | 1.35                      | 26.8                     | 189     | 22877    | 2.5                       | 29.8                     | 354     |
| 22720    | 1.32                 | 16.278                   | 167     | 22800    | 1.28                      | 19.9                     | 118     | 22878    | 1.44 X 1.6                | 16.1                     | 210     |
| 22721    | 1.32                 | 10.864                   | 166     | 22801    | 1.27 X 1.33 X 0.82        | 15.5                     | 387     | 22879    | 1.25                      | 11.6                     | 62      |
| 22722    | 1.28 X 1.5           | 21.2                     | 120     | 22802    | 1.43                      | 6.3                      | 206     | 22880    | 1.25                      | 6.3                      | 60      |
| 22723    | 1.28                 | 20.4                     | 119     | 22803    | 1.48                      | 11.7                     | 223     | 22881    | 1.31 X 1.5                | 28.6                     | 164     |
| 22726    | 2.5                  | 17.4                     | 351     | 22804    | 1.55                      | 21.3                     | 277     | 22882    | 1.25                      | 30.9                     | 80      |
| 22727    | 1.731 X 2.025        | 10.9                     | 288     | 22805    | 1.19                      | 36.6                     | 40      | 22883    | 1.25                      | 25.9                     | 77      |
| 22728    | 1.438 X 1.549        | 29.4                     | 206     | 22806    | 1.48 X 1.48               | 23                       | 399     | 22884    | 1.31                      | 13.6                     | 145     |
| 22729    | 1.22 X 1.45          | 17.08                    | 56      | 22807    | 1.52                      | 29.9                     | 273     | 22885    | 1.5                       | 10.7                     | 227     |
| 22730    | 1.31                 | 15.7                     | 148     | 22808    | 1.21 X 1.23               | 32.8                     | 51      | 22886    | 1.5                       | 16.6                     | 234     |
| 22731    | 1.25 X 1.475         | 19.2                     | 89      | 22809    | 1.51                      | 22                       | 272     | 22887    | 1.3                       | 22.6                     | 133     |
| 22732    | 1.475 X 1.794        | 20.9                     | 222     | 22810    | 1.5                       | 17.1                     | 235     | 22888    | 1.3                       | 16.6                     | 128     |
| 22733    | 1.523 X 1.937        | 19.4                     | 275     | 22811    | 1.51                      | 9.3                      | 272     | 22889    | 1.38                      | 19.2                     | 197     |
| 22734    | 1.93                 | 55.3                     | 316     | 22812    | 1.5 X 1.5 X 1             | 33.2                     | 404     | 22890    | 1.38                      | 18.5                     | 197     |
| 22735    | 1.44 X 1.66          | 16.066                   | 211     | 22813    | 1.25                      | 16                       | 67      | 22891    | 1.38                      | 31.8                     | 198     |
| 22736    | 0.615 X 0.615 X 0.25 | 13.786                   | 363     | 22814    | 1.27                      | 18.9                     | 108     | 22892    | 1.75 X 2                  | 24.5                     | 308     |
|          |                      |                          |         | 22816    | 1.23 X 1.23 X 1.23        | 14.61                    | 380     | 22893    | 2                         | 15.1                     | 323     |
| 22737    | 0.615 X 0.615 X 0.25 | 30.992                   | 364     | 22817    | 1.44                      | 18.1                     | 207     | 22894    | 1.5 X 1.75                | 13.5                     | 259     |
|          |                      |                          |         | 22818    | 1.26 X 1.64               | 14.1                     | 105     | 22895    | 1.75 X 1.8                | 16.2                     | 301     |
| 22739    | 1.27 X 1.27          | 15.4                     | 114     | 22819    | 1.25 X 1.44               | 29.2                     | 88      | 22896    | 1.75                      | 14.3                     | 289     |
| 22740    | 1.27 X 1.27          | 25                       | 114     | 22820    | 1.25                      | 36.5                     | 381     | 22897    | 1.75 X 2                  | 17.7                     | 305     |
| 22741    | 1.25                 | 25.1                     | 77      | 22821    | 1.35                      | 25.5                     | 188     | 22898    | 1.75                      | 4.15                     | 288     |
| 22742    | 2.25 X 2.5           | 13.8                     | 343     | 22822    | 1.27                      | 15.4                     | 106     | 22899    | 1.31                      | 18.8                     | 151     |
| 22743    | 2                    | 16.3                     | 324     | 22823    | 1.2                       | 34.7                     | 46      | 22900    | 1.44 X 1.8                | 20.6                     | 211     |
| 22744    | 2 X 2.5              | 27.9                     | 334     | 22824    | 1.2                       | 31.3                     | 45      | 22901    | 1.31                      | 20.8                     | 154     |
| 22745    | 2                    | 26.6                     | 327     | 22825    | 1.31                      | 21.1                     | 154     | 22902    | 1.31                      | 20.5                     | 154     |
| 22746    | 1.7                  | 21.4                     | 283     | 22826    | 1.29                      | 16.69                    | 121     | 22903    | 2 X 2.25                  | 23                       | 332     |
| 22747    | 1.27                 | 25.7                     | 111     | 22827    | 1.29                      | 14.6                     | 120     | 22904    | 1.31                      | 15                       | 147     |
| 22748    | 1.27 X 1.37          | 18.8                     | 114     | 22829    | 1.04                      | 10.89                    | 17      | 22905    | 1.31                      | 18.7                     | 151     |
| 22749    | 1.27 X 1.37          | 26.8                     | 115     | 22830    | 1.04                      | 17.1                     | 18      | 22906    | 1.31                      | 14.4                     | 147     |
| 22750    | 1.49                 | 15.6                     | 225     | 22831    | 1.46                      | 20.1                     | 215     | 22907    | 1.25                      | 12.1                     | 62      |
| 22751    | 1.28                 | 37.6                     | 119     | 22832    | 1.46                      | 20.2                     | 215     | 22908    | 1.5                       | 26.3                     | 250     |

## Hose Dimensions — Listed in Order by Part Number

| Part No. | Hose I.D. (In.)      | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)    | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)    | Center Line Length (In.) | Row No. |
|----------|----------------------|--------------------------|---------|----------|--------------------|--------------------------|---------|----------|--------------------|--------------------------|---------|
| 22909    | 1.25                 | 28.4                     | 79      | 22985    | 1.31               | 14                       | 146     | 23079    | 1.27               | 15.2                     | 106     |
| 22910    | 1.31 X 1.5           | 20.6                     | 163     | 22986    | 1.31               | 25.6                     | 158     | 23080    | 1.27               | 21.2                     | 109     |
| 22911    | 1.31 X 1.5           | 11.2                     | 163     | 22987    | 1.31               | 26.8                     | 159     | 23081    | 1.27 X 1.38        | 9.5                      | 115     |
| 22912    | 1.25 X 1.5           | 19.1                     | 92      | 22988    | 1.31               | 11.8                     | 143     | 23082    | 1.34 X 1.53        | 6.4                      | 183     |
| 22913    | 1.25                 | 15.6                     | 67      | 22989    | 1.31               | 18.6                     | 151     | 23083    | 1.3                | 25.4                     | 135     |
| 22914    | 1.31                 | 25.1                     | 158     | 22991    | 2                  | 11.765                   | 322     | 23084    | 2.5                | 28                       | 353     |
| 22915    | 1.25                 | 12.8                     | 63      | 22992    | 2                  | 17.8                     | 324     | 23085    | 2 X 2.5            | 33                       | 335     |
| 22916    | 1.3                  | 28.8                     | 137     | 22993    | 1.5                | 13                       | 230     | 23086    | 2.5                | 30.2                     | 354     |
| 22917    | 1.5                  | 23.4                     | 246     | 22994    | 1.5                | 21.6                     | 244     | 23087    | 1.75 X 2           | 32.3                     | 310     |
| 22918    | 1.31                 | 21.8                     | 155     | 22995    | 1.31               | 17.3                     | 150     | 23088    | 1.75 X 2           | 24                       | 308     |
| 22919    | 1.2                  | 13.9                     | 43      | 22996    | 2                  | 14.6                     | 323     | 23089    | 1.51 X 1.23 X 0.3  | 20.5                     | 405     |
| 22920    | 1.2                  | 13.4                     | 43      | 22997    | 1.25               | 26.5                     | 77      | 23090    | 1.2 X 1.2 X 0.39   | 13.7                     | 379     |
| 22921    | 1.2                  | 30.5                     | 45      | 22998    | 1.25 X 1.35        | 10.5                     | 84      | 23091    | 1.2 X 1.2 X 1.09   | 12                       | 379     |
| 22922    | 1.31                 | 28.4                     | 159     | 22999    | 1.3                | 19.1                     | 130     | 23092    | 1.3                | 15.2                     | 126     |
| 22923    | 1.47                 | 14.2                     | 217     | 23009    | 1.25               | 11.3                     | 62      | 23093    | 1.3                | 15.1                     | 126     |
| 22924    | 0.72 X 0.64 X 0.64   | 16.1                     | 372     | 23010    | 1                  | 17.9                     | 12      | 23094    | 1.3 X 1.5          | 30.8                     | 142     |
| 22925    | 1.31                 | 10.9                     | 143     | 23011    | 1                  | 24.4                     | 13      | 23095    | 1.5 X 2            | 21.8                     | 271     |
| 22926    | 1.31 X 1.47          | 17                       | 162     | 23013    | 2.5                | 23.2                     | 352     | 23096    | 1.5 X 1.625        | 14.1                     | 257     |
| 22927    | 1.78 X 1.78 X 1 X    | 15.2                     | 416     | 23014    | 2.5                | 18.9                     | 351     | 23097    | 1.5                | 21.4                     | 244     |
|          | 0.62                 |                          |         | 23015    | 2.5                | 26                       | 353     | 23098    | 1.25 X 1.5         | 24.4                     | 95      |
| 22928    | 1.31                 | 11.7                     | 143     | 23018    | 1.46               | 25.1                     | 216     | 23099    | 1.75 X 2           | 39.5                     | 310     |
| 22929    | 1.31                 | 22.1                     | 155     | 23019    | 1.25               | 20.7                     | 72      | 23111    | 1.31               | 16.8                     | 149     |
| 22930    | 1.31 X 1.62          | 12.2                     | 166     | 23020    | 1.25               | 14.4                     | 65      | 23112    | 1.45 X 1.8         | 32.1                     | 214     |
| 22931    | 1.31 X 1.7           | 12.9                     | 166     | 23021    | 1.31               | 16.4                     | 149     | 23113    | 1.31 X 1.5         | 21.4                     | 164     |
| 22932    | 1.31 X 1.7           | 10.8                     | 166     | 23022    | 1.31               | 22.9                     | 156     | 23114    | 1.75 X 2           | 26.9                     | 309     |
| 22933    | 1.31 X 1.61          | 16.1                     | 166     | 23023    | 1.25               | 16.3                     | 68      | 23117    | 1.3                | 15.4                     | 126     |
| 22934    | 1.3                  | 20.5                     | 132     | 23024    | 1.31 X 1.5         | 13.2                     | 163     | 23118    | 1.3                | 29.7                     | 137     |
| 22935    | 1.3                  | 24.2                     | 134     | 23025    | 1.31 X 1.5         | 16.2                     | 163     | 23119    | 1.27               | 15.4                     | 106     |
| 22936    | 1.3                  | 23.3                     | 134     | 23026    | 1.25 X 1.5         | 13.2                     | 90      | 23120    | 1.27 X 1.49        | 36.5                     | 115     |
| 22937    | 1.3                  | 34.7                     | 138     | 23027    | 1.31               | 32.9                     | 160     | 23121    | 1.27               | 43.6                     | 114     |
| 22938    | 1.19                 | 20.2                     | 37      | 23028    | 1.25 X 1.5         | 17.3                     | 91      | 23122    | 1.27               | 34                       | 113     |
| 22939    | 1.19                 | 24.4                     | 38      | 23029    | 1.31 X 1.5         | 27.9                     | 164     | 23123    | 1.3                | 38.7                     | 138     |
| 22940    | 1.44 X 1.75          | 12.5                     | 211     | 23030    | 1.31               | 11.8                     | 143     | 23124    | 1.27               | 13.6                     | 106     |
| 22941    | 1.44 X 1.65          | 34                       | 211     | 23031    | 1.31 X 1.5         | 36.5                     | 164     | 23125    | 1.3                | 17.4                     | 129     |
| 22942    | 1.44                 | 18.6                     | 208     | 23032    | 1.25               | 16.8                     | 68      | 23126    | 1.3                | 33                       | 138     |
| 22943    | 1.25 X 1.44          | 16.2                     | 87      | 23033    | 1.25               | 15.6                     | 67      | 23127    | 1.55               | 21.75                    | 406     |
| 22944    | 0.75 X 0.75 X 0.75 X | 18.8                     | 375     | 23034    | 1.25 X 1.5         | 33.9                     | 98      | 23128    | 1.5 X 1.76         | 33.1                     | 405     |
|          | 0.75                 |                          |         | 23035    | 1.5 X 1.8          | 39.3                     | 269     | 23129    | 1.31 X 1.31 X 0.75 | 25.4                     | 391     |
| 22945    | 0.75 X 0.75 X 0.75 X | 17.3                     | 375     | 23036    | 1.63 X 1.75        | 20.6                     | 282     | 23130    | 1.5 X 1.75 X 1     | 12.9                     | 404     |
|          | 0.75                 |                          |         | 23037    | 1.5                | 12.7                     | 229     | 23131    | 0.75 X 0.75 X 0.75 | 8.7                      | 374     |
| 22946    | 0.62 X 0.75 X 0.75 X | 13.1                     | 366     | 23038    | 1.75               | 17.6                     | 292     | 23132    | 0.32 X 0.32 X 0.32 | 60.1                     | 361     |
|          | 0.75                 |                          |         | 23039    | 1.5                | 16.5                     | 234     | 23133    | 0.32 X 0.32 X 0.24 | 60.1                     | 361     |
| 22947    | 0.62 X 0.75 X 0.75 X | 17.6                     | 367     | 23040    | 1.75               | 20                       | 295     | 23134    | 1.3                | 11.2                     | 124     |
|          | 0.75                 |                          |         | 23041    | 1.5                | 12.8                     | 229     | 23135    | 1.3                | 18.3                     | 130     |
| 22949    | 0.61 X 0.61 X 0.245  | 13.3                     | 363     | 23042    | 1.75               | 14.2                     | 289     | 23136    | 1.3                | 18.6                     | 130     |
| 22950    | 2.5                  | 16.3                     | 350     | 23043    | 1.5                | 8.8                      | 226     | 23137    | 1.27               | 18.2                     | 108     |
| 22951    | 2.25                 | 8.9                      | 336     | 23044    | 1.75               | 11.1                     | 288     | 23138    | 1.3                | 23.2                     | 133     |
| 22952    | 2.5                  | 18.9                     | 351     | 23045    | 1.31 X 1.5         | 17.3                     | 163     | 23139    | 1.5                | 12.7                     | 229     |
| 22953    | 0.99                 | 19.3                     | 378     | 23046    | 1.3                | 15.8                     | 127     | 23140    | 1.27               | 32.3                     | 113     |
| 22954    | 1.25 X 1.44          | 18.9                     | 87      | 23047    | 1.3                | 19.9                     | 131     | 23141    | 1.83               | 26.4                     | 314     |
| 22955    | 1.25 X 1.44          | 18                       | 87      | 23048    | 1.3                | 21.2                     | 133     | 23142    | 1.3 X 1.45         | 15.9                     | 140     |
| 22956    | 1.19 X 1.25          | 10                       | 41      | 23049    | 1.47 X 1.47 X 0.99 | 17.3                     | 399     | 23143    | 1.3 X 1.45         | 18.5                     | 140     |
| 22957    | 1.31                 | 29.8                     | 160     | 23050    | 1.5                | 21.9                     | 244     | 23144    | 1.3                | 19.8                     | 131     |
| 22959    | 2.5                  | 21.2                     | 352     | 23053    | 1.5                | 16.7                     | 234     | 23145    | 1.19               | 12.5                     | 32      |
| 22960    | 1.19                 | 27.1                     | 39      | 23054    | 1.5                | 19.5                     | 240     | 23146    | 1.19               | 15.1                     | 34      |
| 22961    | 1.19                 | 10.2                     | 32      | 23055    | 1.5                | 12.8                     | 229     | 23147    | 1.3                | 20                       | 131     |
| 22963    | 1.31                 | 11                       | 143     | 23058    | 1.31               | 19.6                     | 152     | 23148    | 1.37               | 25.8                     | 195     |
| 22964    | 1.31                 | 19.7                     | 152     | 23059    | 1.31               | 11.6                     | 143     | 23149    | 0.64 X 0.64 X 0.64 | 14.12                    | 371     |
| 22965    | 1.31                 | 15.4                     | 148     | 23061    | 1.27 X 1.52        | 38.7                     | 117     | 23151    | 1.44               | 25.3                     | 209     |
| 22966    | 1.31                 | 20.4                     | 153     | 23062    | 1.31               | 34.6                     | 161     | 23152    | 1.27               | 31.8                     | 112     |
| 22967    | 1.31                 | 10                       | 142     | 23063    | 1.3                | 23.7                     | 134     | 23153    | 1.3                | 15.4                     | 127     |
| 22968    | 1.31                 | 20.2                     | 153     | 23064    | 1.35               | 24.6                     | 188     | 23154    | 1.3                | 23.5                     | 134     |
| 22969    | 1.31                 | 15.3                     | 147     | 23065    | 1.5 X 1.75         | 14.5                     | 259     | 23155    | 1.3                | 15                       | 126     |
| 22970    | 1.31                 | 17.6                     | 151     | 23066    | 1.75 X 1.8         | 17.8                     | 301     | 23156    | 1.3                | 20.2                     | 131     |
| 22971    | 1.25                 | 13                       | 63      | 23067    | 1.75               | 20.1                     | 295     | 23157    | 1.3                | 12.6                     | 124     |
| 22972    | 1.27                 | 17.5                     | 107     | 23068    | 1.75 X 2           | 21                       | 307     | 23158    | 1.3                | 18.5                     | 130     |
| 22973    | 1.31                 | 12.8                     | 144     | 23069    | 1.75 X 1.75 X 1    | 37.4                     | 414     | 23159    | 1.27               | 15.6                     | 107     |
| 22974    | 1.31                 | 19.1                     | 152     | 23070    | 1.75 X 1.75 X 1 X  | 36.2                     | 414     | 23160    | 1.3                | 25.5                     | 135     |
| 22975    | 1.31                 | 14                       | 146     |          | 0.75               |                          |         | 23161    | 1.3                | 17.4                     | 129     |
| 22976    | 1.31                 | 13.8                     | 145     | 23071    | 1.75 X 2           | 51.1                     | 310     | 23162    | 1.3                | 18.4                     | 130     |
| 22977    | 1.31                 | 14                       | 146     | 23072    | 1.75 X 1.75 X 1    | 31.1                     | 413     | 23163    | 1.3                | 7.6                      | 123     |
| 22978    | 1.31                 | 21.7                     | 154     | 23073    | 1.75 X 1.75 X 1    | 38.19                    | 414     | 23164    | 1.3                | 29.6                     | 137     |
| 22979    | 1.25                 | 17.5                     | 69      | 23074    | 1.25               | 29.6                     | 79      | 23165    | 1.3                | 22.3                     | 133     |
| 22980    | 2.5                  | 30.4                     | 354     | 23075    | 1.25               | 17.3                     | 69      | 23166    | 1.3                | 14.7                     | 126     |
| 22981    | 1.35                 | 14.9                     | 186     | 23076    | 1.75 X 2           | 18                       | 305     | 23167    | 1.25               | 15.6                     | 67      |
| 22982    | 1.31                 | 31.5                     | 160     | 23077    | 1.75               | 26.4                     | 298     | 23168    | 1.25 X 1.25 X 0.85 | 11.3                     | 383     |
| 22983    | 1.31                 | 14.2                     | 146     | 23078    | 1.27               | 17.8                     | 108     | 23169    | 1.25               | 8.2                      | 60      |
| 22984    | 1.31                 | 26.8                     | 159     |          |                    |                          |         |          |                    |                          |         |

## Hose Dimensions — Listed in Order by Part Number

| Part No. | Hose I.D. (In.)           | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)    | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)    | Center Line Length (In.) | Row No. |
|----------|---------------------------|--------------------------|---------|----------|--------------------|--------------------------|---------|----------|--------------------|--------------------------|---------|
| 23170    | 2.25 X 2.5                | 37.4                     | 345     | 23275    | 1.72               | 17.8                     | 285     | 23353    | 1.3                | 15.7                     | 127     |
| 23171    | 2.5                       | 35.5                     | 354     | 23276    | 1.25               | 14.3                     | 65      | 23354    | 1.3                | 15.7                     | 127     |
| 23172    | 1.5                       | 13                       | 230     | 23277    | 1.3                | 25.6                     | 135     | 23355    | 1.31 X 1.31 X 0.87 | 30.2                     | 393     |
| 23173    | 2.5                       | 12.4                     | 349     | 23278    | 1.3                | 30.2                     | 137     | 23356    | 0.52 X 0.64        | 26.8                     | 361     |
| 23174    | 1.05                      | 30.3                     | 19      | 23279    | 1.33               | 12.8                     | 171     | 23357    | 1.31 X 1.46        | 16.3                     | 162     |
| 23175    | 2.25                      | 15.134                   | 338     | 23280    | 1.36               | 15.1                     | 193     | 23358    | 1.34               | 22.3                     | 179     |
| 23176    | 2.25 X 2.5                | 21.005                   | 343     | 23281    | 1.36               | 17.3                     | 194     | 23359    | 1.34               | 21.4                     | 179     |
| 23177    | 1.25                      | 11.5                     | 62      | 23282    | 1 X 1.5            | 4                        | 16      | 23360    | 0.62 X 0.75        | 13                       | 366     |
| 23178    | 1.3                       | 14.3                     | 125     | 23283    | 1.2 X 1.45         | 23.6                     | 48      | 23361    | 1.5                | 13                       | 230     |
| 23179    | 1.3                       | 20.6                     | 132     | 23284    | 1.3 X 1.45         | 19.9                     | 141     | 23362    | 1.5                | 37.2                     | 255     |
| 23180    | 1.36 X 1.35 X 0.61 X 0.61 | 10.3                     | 395     | 23285    | 1.3                | 16.7                     | 128     | 23363    | 1.5                | 17.4                     | 236     |
|          |                           |                          |         | 23286    | 1.3                | 17.9                     | 129     | 23364    | 1.5                | 29.6                     | 254     |
| 23181    | 1 X 1.5 X 1.5             | 16.4                     | 378     | 23287    | 1.45               | 22.1                     | 212     | 23365    | 1.26               | 20.4                     | 102     |
| 23183    | 1.25 X 1.5                | 12.8                     | 89      | 23288    | 1.32               | 11.2                     | 166     | 23366    | 1.3 X 1.16         | 16.2                     | 139     |
| 23184    | 1.3                       | 48.1                     | 139     | 23289    | 1.32               | 20                       | 168     | 23367    | 1.23               | 11.7                     | 56      |
| 23185    | 1.38 X 1.54               | 16.8                     | 200     | 23290    | 1.11 X 1.25        | 3.1                      | 24      | 23368    | 1.32               | 26.8                     | 169     |
| 23186    | 1.3 X 1.35                | 24                       | 139     | 23291    | 1.33               | 13.9                     | 171     | 23369    | 1.27               | 23.9                     | 110     |
| 23187    | 1.35                      | 21.9                     | 187     | 23292    | 1.33               | 18.6                     | 172     | 23371    | 1.38               | 33.9                     | 199     |
| 23189    | 0.62 X 0.75 X 0.75        | 66.9                     | 366     | 23293    | 1.3 X 1.53         | 19.4                     | 142     | 23372    | 1.38               | 29.1                     | 198     |
| 23190    | 1.35                      | 36.1                     | 394     | 23294    | 1.3                | 26.7                     | 136     | 23373    | 1.21 X 1.45        | 20.4                     | 52      |
| 23192    | 1.35 X 1.35 X 0.6         | 35                       | 395     | 23295    | 1.25               | 33.6                     | 81      | 23374    | 1.21 X 1.37        | 17.3                     | 51      |
| 23193    | 1.35 X 1.35 X 0.48        | 35.9                     | 395     | 23296    | 1.3                | 30.9                     | 138     | 23375    | 1.21 X 1.37        | 19.6                     | 52      |
| 23194    | 1.3                       | 17.1                     | 129     | 23297    | 1.31 X 1.31 X 0.38 | 20.14                    | 389     | 23376    | 1.21               | 6.1                      | 48      |
| 23195    | 1.53 X 1.53 X 0.37        | 19.62                    | 406     | 23298    | 1.3 X 1.45 X 0.36  | 21                       | 388     | 23377    | 1.21               | 19.8                     | 50      |
| 23196    | 1.27 X 1.5                | 33.8                     | 387     | 23299    | 1.3 X 1.45 X 0.3   | 24.6                     | 388     | 23378    | 1.21               | 6.4                      | 48      |
| 23198    | 1.3                       | 17.1                     | 129     | 23301    | 1.3 X 1.45 X 0.3   | 23.6                     | 388     | 23380    | 1.33               | 24.2                     | 174     |
| 23199    | 1.3 X 1.5                 | 28.1                     | 141     | 23302    | 1.22               | 16.4                     | 53      | 23381    | 1.33               | 23.2                     | 174     |
| 23226    | 1.3 X 1.5                 | 19.7                     | 141     | 23303    | 1.22               | 26.1                     | 54      | 23382    | 1.29               | 50.1                     | 123     |
| 23227    | 1.78                      | 20.3                     | 312     | 23304    | 1.24               | 20.2                     | 58      | 23383    | 1.29               | 45.9                     | 122     |
| 23228    | 1.27                      | 17.2                     | 107     | 23305    | 1.22               | 20.2                     | 53      | 23384    | 1.32               | 29                       | 169     |
| 23229    | 2.5                       | 43.6                     | 354     | 23306    | 1.31               | 12.9                     | 145     | 23385    | 0.75 X 1 X 0.75    | 29.9                     | 376     |
| 23230    | 1.25                      | 21                       | 72      | 23307    | 1.31               | 14.2                     | 146     | 23386    | 1.27 X 1.52        | 16.2                     | 116     |
| 23231    | 1.31                      | 19.8                     | 153     | 23308    | 1.71               | 29.5                     | 284     | 23387    | 1.27               | 21.5                     | 109     |
| 23232    | 1.31                      | 18.7                     | 151     | 23309    | 1.46               | 13.4                     | 214     | 23388    | 1.21               | 18.8                     | 49      |
| 23233    | 1.5                       | 19.6                     | 240     | 23310    | 1.46               | 22.9                     | 216     | 23389    | 1.21               | 21.1                     | 50      |
| 23234    | 1.5                       | 17.9                     | 237     | 23311    | 1.46               | 27.8                     | 216     | 23390    | 1.21               | 16.1                     | 49      |
| 23235    | 1.27                      | 6.8                      | 105     | 23312    | 1.25               | 22.7                     | 74      | 23391    | 1.22               | 30.4                     | 54      |
| 23236    | 1.2                       | 10.7                     | 43      | 23313    | 1.37               | 12.4                     | 194     | 23392    | 1.21               | 16.9                     | 49      |
| 23237    | 1.2                       | 23.5                     | 45      | 23314    | 1.37               | 23.8                     | 194     | 23393    | 1.23               | 15.4                     | 56      |
| 23238    | 1.3                       | 20.1                     | 131     | 23315    | 1.34               | 35.1                     | 182     | 23394    | 1.23               | 29.1                     | 57      |
| 23239    | 1.3 X 1.46                | 21.8                     | 141     | 23316    | 1.34               | 30                       | 181     | 23395    | 1.21               | 16.3                     | 49      |
| 23240    | 1.3                       | 14.5                     | 126     | 23317    | 1.22               | 20.9                     | 53      | 23396    | 1.22               | 28.2                     | 54      |
| 23241    | 1.19                      | 5.2                      | 32      | 23318    | 1.22               | 24.4                     | 54      | 23397    | 1.23               | 15.7                     | 56      |
| 23242    | 1.3                       | 11.7                     | 124     | 23319    | 1.22               | 25.2                     | 54      | 23398    | 1.23               | 27.6                     | 57      |
| 23243    | 1.36                      | 9                        | 193     | 23320    | 1.22               | 21.6                     | 54      | 23399    | 1.23               | 28.7                     | 57      |
| 23244    | 1.35                      | 18.4                     | 186     | 23321    | 1.03               | 14.1                     | 16      | 23403    | 1.52 X 1.77        | 21.2                     | 273     |
| 23245    | 1.22                      | 10.516                   | 52      | 23322    | 1.03               | 20.5                     | 17      | 23404    | 1.81 X 1.81 X 0.85 | 13.5                     | 418     |
| 23246    | 1.22                      | 17.573                   | 53      | 23323    | 1.03               | 13                       | 16      | 23405    | 1.81 X 1.81 X 0.78 | 18                       | 417     |
| 23247    | 1.18                      | 10.775                   | 27      | 23324    | 1.21               | 15.6                     | 48      | 23406    | 1.31               | 16.3                     | 149     |
| 23248    | 1.18                      | 17.576                   | 28      | 23325    | 1.21               | 17                       | 49      | 23407    | 1.35               | 23.4                     | 188     |
| 23249    | 1.31                      | 24.4                     | 157     | 23326    | 1.22               | 11.3                     | 53      | 23409    | 1.25 X 1.35        | 23.9                     | 85      |
| 23250    | 1.45 X 1.74               | 5.6                      | 214     | 23327    | 1.06               | 7.5                      | 19      | 23410    | 1.5                | 13.2                     | 230     |
| 23251    | 1.3                       | 11.1                     | 123     | 23328    | 1.34               | 32.1                     | 181     | 23411    | 1.75               | 14.1                     | 289     |
| 23252    | 1.3                       | 25.8                     | 135     | 23329    | 1.34               | 27.6                     | 181     | 23412    | 1.35               | 43                       | 192     |
| 23253    | 1.35                      | 18.6                     | 186     | 23330    | 1.34               | 19.7                     | 178     | 23413    | 1.35               | 42.5                     | 192     |
| 23254    | 1.3                       | 15.1                     | 126     | 23331    | 1.34               | 19.3                     | 178     | 23414    | 1.35               | 23                       | 188     |
| 23255    | 1.06                      | 10.9                     | 19      | 23332    | 1.06 X 1.22        | 12                       | 22      | 23415    | 1.35               | 12.7                     | 185     |
| 23256    | 0.62                      | 22.3                     | 364     | 23333    | 0.62 X 0.73        | 12.5                     | 365     | 23416    | 1.35               | 26.9                     | 190     |
| 23257    | 0.62 X 0.62 X 0.62        | 22.8                     | 364     | 23334    | 0.62               | 18.2                     | 364     | 23417    | 1.81 X 1.62 X 0.78 | 18                       | 417     |
| 23258    | 0.62 X 0.73 X 0.62        | 12.4                     | 366     | 23335    | 0.62 X 0.75        | 13.9                     | 366     | 23418    | 1.81 X 1.6 X 0.85  | 13.5                     | 416     |
| 23259    | 1.51 X 1.89 X 0.75        | 47.61                    | 405     | 23336    | 0.75               | 13                       | 373     | 23419    | 1.81 X 1.81 X 0.62 | 10.5                     | 417     |
| 23260    | 2.25 X 2.5 X 1.07 X 0.65  | 53.46                    | 418     | 23337    | 1.31               | 28.2                     | 159     | 23420    | 1.81 X 1.81 X 0.78 | 13.5                     | 417     |
|          |                           |                          |         | 23338    | 1.3                | 23.8                     | 134     | 23421    | 1.81 X 1.81        | 13.5                     | 417     |
| 23262    | 1.19                      | 20.3                     | 37      | 23339    | 1.32               | 14.6                     | 167     | 23422    | 1.19               | 13.9                     | 33      |
| 23263    | 1.19                      | 18.9                     | 35      | 23340    | 1.32               | 18.8                     | 168     | 23423    | 1.19               | 13.9                     | 33      |
| 23264    | 1.19                      | 25.7                     | 39      | 23341    | 1.06 X 1.2         | 20.7                     | 22      | 23424    | 1.35               | 13                       | 185     |
| 23265    | 1.19                      | 14.8                     | 34      | 23342    | 1.2                | 16.7                     | 44      | 23425    | 1.35               | 12.3                     | 185     |
| 23266    | 1.72 X 1.72 X 0.76 X 0.76 | 35                       | 408     | 23343    | 1.31               | 12.2                     | 144     | 23426    | 1.6 X 1.45 X 0.55  | 14                       | 407     |
|          |                           |                          |         | 23344    | 1.31               | 20.8                     | 154     | 23427    | 1.5 X 1.7          | 8.1                      | 257     |
| 23267    | 1.49 X 1.49 X 0.95        | 26.2                     | 400     | 23345    | 1.31               | 22.5                     | 156     | 23428    | 1.35               | 19.3                     | 187     |
| 23268    | 0.83 X 0.76 X 0.29        | 34.6                     | 376     | 23346    | 1.31               | 21.7                     | 154     | 23429    | 1.25 X 1.5         | 23.9                     | 95      |
| 23269    | 1.48 X 1.48 X 0.62        | 15.6                     | 399     | 23347    | 1.31               | 26.3                     | 159     | 23430    | 1.31 X 1.53        | 16.8                     | 165     |
| 23270    | 1.48                      | 28.1                     | 224     | 23348    | 1.31               | 29.8                     | 160     | 23431    | 1.27               | 27.8                     | 111     |
| 23271    | 1.43                      | 18.9                     | 206     | 23349    | 1.27               | 18.6                     | 108     | 23432    | 1.31               | 15.5                     | 148     |
| 23272    | 1.48                      | 26.2                     | 223     | 23350    | 1.31               | 25.2                     | 158     | 23433    | 1.29               | 27.3                     | 122     |
| 23273    | 1.7                       | 20                       | 283     | 23351    | 1.31               | 16                       | 148     | 23434    | 1.34 X 1.44        | 14.7                     | 182     |
| 23274    | 1.73                      | 25.8                     | 287     | 23352    | 1.31               | 27.2                     | 159     | 23435    | 1.26 X 1.36        | 18.7                     | 103     |

## Hose Dimensions — Listed in Order by Part Number

| Part No. | Hose I.D. (In.)           | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)           | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)           | Center Line Length (In.) | Row No. |
|----------|---------------------------|--------------------------|---------|----------|---------------------------|--------------------------|---------|----------|---------------------------|--------------------------|---------|
| 23436    | 1.31                      | 13.5                     | 145     | 23518    | 1.2                       | 14.3                     | 43      | 23639    | 1.35                      | 29.1                     | 191     |
| 23437    | 1.56                      | 36.6                     | 279     | 23519    | 1.18 X 1.3                | 12.9                     | 31      | 23641    | 1.5                       | 18.6                     | 238     |
| 23438    | 1.29                      | 46.5                     | 123     | 23521    | 1.31                      | 13.8                     | 146     | 23643    | 1.5                       | 32.25                    | 401     |
| 23439    | 1.54                      | 15.9                     | 276     | 23522    | 1.31                      | 14.3                     | 147     | 23645    | 1.56 X 1.62               | 34.6                     | 279     |
| 23440    | 1.35 X 1.35               | 14.8                     | 394     | 23523    | 1.31                      | 17                       | 149     | 23646    | 1.35                      | 14.4                     | 185     |
| 23441    | 1.25                      | 21.5                     | 73      | 23524    | 1.31 X 1.53               | 12.2                     | 165     | 23647    | 1.35                      | 31.2                     | 191     |
| 23442    | 1.75 X 1.75 X 0.75 X 0.75 | 40.7                     | 413     | 23526    | 1.28 X 1.54               | 12.8                     | 120     | 23649    | 1.35                      | 13.8                     | 185     |
|          |                           |                          |         | 23528    | 1.29                      | 18.9                     | 121     | 23650    | 1.35                      | 26.8                     | 189     |
| 23443    | 1.3 X 1.5                 | 21.6                     | 141     | 23529    | 1.31                      | 13.2                     | 145     | 23651    | 0.63 X 0.66 X 0.25        | 62.1                     | 371     |
| 23444    | 1.5                       | 34.8                     | 255     | 23530    | 1.35                      | 40.7                     | 191     | 23653    | 0.63 X 0.63 X 0.3         | 33.8                     | 369     |
| 23445    | 1.5                       | 29.3                     | 253     | 23532    | 1.31                      | 20                       | 153     | 23654    | 0.62 X 0.62 X 0.25        | 47.25                    | 364     |
| 23446    | 1.5 X 1.5 X 0.75          | 33.1                     | 403     | 23534    | 1.32                      | 13.2                     | 166     | 23655    | 0.61                      | 18.3                     | 363     |
| 23447    | 1.5 X 1.5 X 0.75          | 28                       | 402     | 23537    | 1.32                      | 14                       | 167     | 23657    | 0.97                      | 21.8                     | 10      |
| 23448    | 1.5 X 1.5                 | 43.6                     | 401     | 23538    | 1.25 X 1.34               | 23.8                     | 84      | 23659    | 1.23 X 1.23 X 0.8         | 19.2                     | 380     |
| 23449    | 1.22 X 1.42               | 31.3                     | 55      | 23542    | 1.48                      | 31                       | 224     | 23660    | 1.5                       | 33.1                     | 255     |
| 23450    | 1.27 X 1.37               | 24.2                     | 115     | 23544    | 1.48 X 1.52               | 35.7                     | 224     | 23661    | 1.5 X 1.31 X 0.75         | 18.5                     | 401     |
| 23451    | 1.34 X 1.56               | 16.3                     | 184     | 23546    | 1.28                      | 15.5                     | 118     | 23662    | 1.5 X 1.5 X 1             | 19.9                     | 404     |
| 23452    | 1.27                      | 25.6                     | 111     | 23551    | 1.31 X 1.52               | 16.6                     | 164     | 23663    | 1.5 X 1.31 X 0.75         | 17.1                     | 401     |
| 23453    | 1.27                      | 24.3                     | 110     | 23552    | 1.31                      | 16.3                     | 149     | 23665    | 1.25 X 1.25 X 0.74        | 21.8                     | 382     |
| 23454    | 1.35 X 1.45               | 19.4                     | 192     | 23554    | 0.75 X 0.75 X 0.62        | 38.6                     | 374     | 23666    | 1.31 X 1.31 X 0.75        | 18.5                     | 391     |
| 23455    | 1.31                      | 22.2                     | 155     | 23555    | 0.75                      | 19.2                     | 6       | 23667    | 1.72 X 1.72 X 0.73 X 0.73 | 31.7                     | 408     |
| 23456    | 1.31                      | 20.4                     | 154     | 23556    | 1.5                       | 32                       | 400     |          |                           |                          |         |
| 23457    | 1.44                      | 14.4                     | 206     | 23558    | 1.19                      | 37.4                     | 40      | 23671    | 1.47                      | 28.5                     | 220     |
| 23458    | 1.44 X 1.6                | 19.7                     | 210     | 23560    | 1                         | 24.7                     | 14      | 23673    | 1.25                      | 18.5                     | 69      |
| 23459    | 1.5                       | 11.7                     | 228     | 23563    | 2.3 X 2.5                 | 15.2                     | 346     | 23674    | 1.48                      | 15.5                     | 223     |
| 23460    | 1.5                       | 18                       | 237     | 23564    | 2.3 X 2.5                 | 16                       | 346     | 23679    | 1.47                      | 25.6                     | 219     |
| 23462    | 1.2 X 0.9 X 0.9           | 27.75                    | 379     | 23565    | 1.31                      | 19.2                     | 152     | 23681    | 1.47                      | 33                       | 220     |
| 23463    | 1.35 X 1.5                | 12.8                     | 192     | 23569    | 1 X 1 X 0.75              | 29                       | 378     | 23682    | 1.47 X 1.25               | 20.2                     | 221     |
| 23464    | 1.35 X 1.5                | 19.6                     | 193     | 23570    | 1.25 X 1.25 X 0.82        | 17.9                     | 382     | 23683    | 1.27                      | 23.7                     | 110     |
| 23465    | 1.4 X 1.5                 | 32.5                     | 203     | 23571    | 1                         | 13.8                     | 12      | 23684    | 1.47                      | 16.8                     | 218     |
| 23466    | 1.5                       | 12.9                     | 230     | 23573    | 1                         | 10.6                     | 11      | 23685    | 1.45                      | 13.4                     | 212     |
| 23467    | 1.3 X 1.35                | 9.3                      | 139     | 23576    | 1.5                       | 15.3                     | 400     | 23686    | 1.22 X 1.26               | 18.8                     | 55      |
| 23468    | 1.3 X 1.35                | 21.3                     | 139     | 23577    | 1.5                       | 11.8                     | 400     | 23687    | 1.5                       | 27.4                     | 251     |
| 23469    | 1.31                      | 52.9                     | 161     | 23578    | 1.35                      | 43.8                     | 394     | 23689    | 1.5 X 1.75                | 18.4                     | 262     |
| 23470    | 1.31                      | 13.9                     | 146     | 23579    | 1.35 X 1.35               | 39.1                     | 394     | 23690    | 1.5                       | 27.4                     | 251     |
| 23471    | 1.31                      | 17.4                     | 150     | 23580    | 1.5                       | 34.9                     | 401     | 23691    | 1.03                      | 24.5                     | 17      |
| 23472    | 1.27                      | 17.3                     | 107     | 23581    | 1.3 X 1.3 X 0.44          | 25.1                     | 387     | 23692    | 1.03                      | 17.8                     | 17      |
| 23473    | 1.31                      | 14.8                     | 147     | 23582    | 1.3 X 1.45 X 0.38         | 21.8                     | 389     | 23693    | 1.03                      | 10.9                     | 16      |
| 23474    | 1.31                      | 17                       | 149     | 23583    | 1.31                      | 21.8                     | 155     | 23694    | 1.03                      | 17.6                     | 16      |
| 23475    | 1.31                      | 12.8                     | 144     | 23584    | 1.31                      | 12.6                     | 144     | 23695    | 1.19                      | 21.4                     | 37      |
| 23476    | 1.36                      | 18.8                     | 194     | 23586    | 1.31                      | 21.8                     | 155     | 23696    | 1.18                      | 18.7                     | 29      |
| 23477    | 1.45                      | 16.4                     | 212     | 23587    | 1.27 X 1.52               | 16                       | 116     | 23697    | 1.19                      | 18.4                     | 35      |
| 23478    | 1.45                      | 9.6                      | 211     | 23588    | 1.27                      | 24.4                     | 111     | 23698    | 1.19                      | 19.4                     | 36      |
| 23479    | 1.29                      | 17.8                     | 121     | 23589    | 1.31                      | 10.2                     | 143     | 23699    | 1.18                      | 21.5                     | 29      |
| 23480    | 1.29                      | 15.5                     | 121     | 23590    | 1.3 X 1.5                 | 16.7                     | 141     | 23700    | 1.3                       | 26.6                     | 136     |
| 23481    | 1.21                      | 6.3                      | 48      | 23591    | 1.33                      | 16.1                     | 171     | 23701    | 1.3                       | 24.9                     | 135     |
| 23482    | 1.21 X 1.3                | 5.3                      | 51      | 23592    | 1.33                      | 21                       | 173     | 23702    | 1.3                       | 14.6                     | 126     |
| 23483    | 1.25                      | 14.3                     | 65      | 23593    | 0.63 X 0.75 X 0.75        | 31.7                     | 371     | 23703    | 1.31                      | 13.3                     | 145     |
| 23484    | 1.21                      | 15.7                     | 49      | 23594    | 0.63 X 0.63 X 0.63        | 19.9                     | 370     | 23704    | 1.31                      | 17.6                     | 151     |
| 23485    | 1.21 X 1.25               | 45                       | 51      | 23595    | 0.63 X 0.63 X 0.63        | 23                       | 370     | 23706    | 1.34                      | 23.7                     | 180     |
| 23486    | 1.21 X 1.3                | 58.7                     | 51      | 23596    | 1.28                      | 13.1                     | 118     | 23709    | 0.73 X 0.73               | 20.3                     | 373     |
| 23487    | 1.31                      | 13.7                     | 145     | 23597    | 1.29                      | 37.8                     | 122     | 23710    | 0.62 X 0.75               | 25.2                     | 4       |
| 23488    | 1.29                      | 22.1                     | 121     | 23598    | 1.34                      | 17.5                     | 177     | 23711    | 0.73 X 0.73               | 20                       | 373     |
| 23489    | 1.29                      | 24.3                     | 121     | 23601    | 1.48                      | 26.9                     | 224     | 23712    | 1.35                      | 25.5                     | 189     |
| 23490    | 1.31                      | 24.5                     | 158     | 23603    | 1.31                      | 15.3                     | 148     | 23713    | 1.33                      | 30.8                     | 174     |
| 23491    | 1.28                      | 30.3                     | 119     | 23604    | 1.75 X 2                  | 18.3                     | 306     | 23714    | 1.31                      | 21.2                     | 154     |
| 23492    | 0.72 X 0.72               | 17.5                     | 372     | 23605    | 1.5 X 1.75                | 47.2                     | 269     | 23715    | 1.31                      | 26                       | 158     |
| 23494    | 1.31 X 1.31 X 0.75        | 49.3                     | 392     | 23606    | 1.75 X 1.8                | 17.9                     | 301     | 23716    | 1.47                      | 25.2                     | 219     |
| 23495    | 1.31 X 1.57               | 14.4                     | 165     | 23607    | 1.8 X 1.75                | 12                       | 313     | 23717    | 1.28 X 1.55               | 26.3                     | 120     |
| 23496    | 1.28                      | 37.7                     | 119     | 23608    | 1.5                       | 12.2                     | 228     | 23718    | 1.31                      | 33                       | 160     |
| 23497    | 1.31 X 1.51               | 10.8                     | 164     | 23609    | 1.5                       | 12.2                     | 228     | 23719    | 1.31                      | 20.7                     | 154     |
| 23498    | 1.31 X 1.53               | 14.2                     | 165     | 23611    | 1.5                       | 11.4                     | 227     | 23720    | 1.32                      | 22.6                     | 169     |
| 23499    | 1.77                      | 19.9                     | 312     | 23613    | 1.5                       | 11.6                     | 228     | 23721    | 1.75                      | 24.7                     | 298     |
| 23500    | 1.3                       | 28.5                     | 137     | 23615    | 1.05                      | 9.3                      | 18      | 23722    | 1.31                      | 12.3                     | 144     |
| 23501    | 1.3                       | 22.7                     | 133     | 23617    | 1.05                      | 16.9                     | 19      | 23723    | 1.31                      | 23                       | 156     |
| 23502    | 1.31 X 1.31 X 0.75        | 50.7                     | 392     | 23618    | 1.5                       | 18.7                     | 238     | 23724    | 1.3                       | 16.6                     | 128     |
| 23503    | 1.31 X 1.31 X 0.75 X 0.75 | 31.2                     | 392     | 23619    | 1.35                      | 22.3                     | 187     | 23725    | 1.3                       | 26.9                     | 136     |
|          |                           |                          |         | 23621    | 1.35                      | 15.2                     | 186     | 23726    | 1.32                      | 20.2                     | 168     |
| 23504    | 1.75                      | 33.1                     | 300     | 23623    | 1.35                      | 15.8                     | 186     | 23727    | 1.32                      | 17.4                     | 168     |
| 23507    | 1.75                      | 36.4                     | 301     | 23625    | 0.77 X 0.77 X 0.6         | 21                       | 376     | 23728    | 1.31 X 1.44               | 13.3                     | 162     |
| 23509    | 1.21                      | 24.9                     | 50      | 23627    | 0.97 X 0.78 X 0.31 X 0.31 | 19.25                    | 377     | 23729    | 1.31                      | 46.4                     | 161     |
| 23510    | 1.21                      | 25.7                     | 50      |          | 0.31                      |                          |         | 23730    | 1.31                      | 34.9                     | 161     |
| 23512    | 1.21                      | 18.7                     | 49      | 23629    | 1.26                      | 18.6                     | 102     | 23731    | 1.3                       | 31.7                     | 138     |
| 23513    | 2                         | 45.6                     | 329     | 23631    | 1.23                      | 25.3                     | 57      | 23732    | 1.32                      | 21.8                     | 169     |
| 23514    | 1.19                      | 29                       | 39      | 23635    | 1.26 X 1.22 X 0.31 X 0.31 | 22                       | 385     | 23733    | 1.31                      | 23.9                     | 157     |
| 23516    | 1.2                       | 27                       | 45      |          | 0.31                      |                          |         | 23734    | 1.31                      | 15.9                     | 148     |
| 23517    | 1.2                       | 15.2                     | 44      | 23637    | 1.35                      | 33.2                     | 191     | 23735    | 1.32                      | 15.4                     | 167     |

## Hose Dimensions — Listed in Order by Part Number

| Part No. | Hose I.D. (In.)           | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)       | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)           | Center Line Length (In.) | Row No. |
|----------|---------------------------|--------------------------|---------|----------|-----------------------|--------------------------|---------|----------|---------------------------|--------------------------|---------|
| 23736    | 1.35                      | 33.9                     | 191     | 23818    | 0.375 X 0.5           | 28                       | 1       | 23919    | 1.3                       | 9.1                      | 123     |
| 23737    | 1.35                      | 25.6                     | 189     | 23819    | 1.5                   | 10                       | 227     | 23920    | 1.35                      | 28.6                     | 190     |
| 23738    | 1.35                      | 26.2                     | 189     | 23821    | 1.5 X 1.71            | 15.2                     | 258     | 23921    | 1.534 X 1.531             | 10.25                    | 276     |
| 23739    | 0.63 X 0.92 X 0.51 X 0.73 | 29.25                    | 371     | 23822    | 1.18                  | 34.4                     | 31      | 23922    | 1.35                      | 18.1                     | 186     |
| 23740    | 0.75                      | 28.4                     | 7       | 23823    | 0.96                  | 14.5                     | 9       | 23923    | 0.77                      | 26.5                     | 7       |
| 23741    | 1.26 X 1.26 X 0.25        | 27                       | 385     | 23825    | 0.76                  | 11                       | 7       | 23925    | 0.77                      | 19.5                     | 7       |
| 23742    | 1.26 X 1.26 X 0.31 X 0.61 | 19.5                     | 385     | 23826    | 1.18                  | 15.9                     | 27      | 23926    | 0.77                      | 35                       | 8       |
| 23743    | 1.06                      | 9.9                      | 19      | 23827    | 1.19                  | 23.4                     | 38      | 23927    | 0.77                      | 21                       | 7       |
| 23744    | 1.23 X 1.23 X 0.6 X 0.6   | 29.5                     | 380     | 23830    | 1.28                  | 16.26                    | 118     | 23928    | 2.44                      | 20.7                     | 348     |
| 23745    | 1.25                      | 21                       | 72      | 23831    | 1.19                  | 15                       | 34      | 23929    | 1.31                      | 22.2                     | 156     |
| 23746    | 1.25 X 1.55 X 0.3         | 21                       | 384     | 23833    | 1.19                  | 26.8                     | 39      | 23931    | 0.63 X 0.63               | 10.75                    | 368     |
| 23747    | 1.2 X 1.3                 | 19                       | 47      | 23834    | 1.19                  | 19.5                     | 36      | 23933    | 0.63 X 0.63               | 16                       | 369     |
| 23748    | 1.27 X 1.4                | 24                       | 115     | 23835    | 1.05                  | 13.5                     | 18      | 23935    | 1.31                      | 25.43                    | 158     |
| 23749    | 1.23 X 1.45               | 17                       | 58      | 23837    | 1.18                  | 19.5                     | 29      | 23937    | 1.35                      | 15.98                    | 186     |
| 23750    | 1.25 X 1.5 X 0.8          | 16                       | 384     | 23838    | 1.5                   | 12.9                     | 230     | 23938    | 1.5                       | 16.05                    | 233     |
| 23751    | 1.93                      | 32.5                     | 315     | 23839    | 1.25                  | 19.3                     | 70      | 23939    | 1.31                      | 17.47                    | 150     |
| 23752    | 1.93 X 2.125              | 33.5                     | 317     | 23842    | 1.2 X 1.26            | 14.6                     | 47      | 23941    | 1.31                      | 33.21                    | 161     |
| 23753    | 2.125 X 1.91              | 10.3                     | 335     | 23847    | 1.25                  | 23.1                     | 75      | 23942    | 1.21                      | 9.82                     | 48      |
| 23754    | 1.93 X 1.62               | 10                       | 316     | 23851    | 0.59 X 0.59 X 0.28    | 48.3                     | 362     | 23943    | 1.21                      | 12.72                    | 48      |
| 23755    | 1.55 X 1.93               | 22                       | 407     | 23852    | 1.44                  | 15.6                     | 207     | 23944    | 1.18                      | 10.28                    | 27      |
| 23756    | 1.35                      | 22.5                     | 187     | 23853    | 0.75 X 0.75 X 0.38    | 21.1                     | 374     | 23945    | 1.19                      | 16.42                    | 34      |
| 23757    | 1.25                      | 19.125                   | 70      | 23854    | 0.63                  | 24                       | 4       | 23946    | 1.17                      | 10.79                    | 26      |
| 23758    | 0.7 X 0.7 X 1             | 21.75                    | 372     | 23855    | 1                     | 24.7                     | 14      | 23947    | 1.19                      | 11.7                     | 32      |
| 23759    | 0.98                      | 14.625                   | 10      | 23857    | 1.3 X 1.35            | 32.9                     | 140     | 23948    | 1.3 X 1.3 X 0.59          | 17.5                     | 387     |
| 23760    | 0.67 X 0.7                | 19.2                     | 5       | 23858    | 1.3 X 1.35            | 27.3                     | 140     | 23949    | 1.33                      | 16.62                    | 171     |
| 23763    | 1.3                       | 22                       | 133     | 23859    | 1.18                  | 11.9                     | 27      | 23950    | 1.33                      | 18.19                    | 172     |
| 23765    | 1.3                       | 16.7                     | 128     | 23861    | 1.18                  | 15                       | 27      | 23951    | 2                         | 6.1                      | 321     |
| 23766    | 1.19 X 1.3                | 15.6                     | 41      | 23862    | 1.18                  | 18.4                     | 29      | 23952    | 1.2                       | 13.5                     | 43      |
| 23767    | 1.3                       | 14.5                     | 126     | 23863    | 1.18                  | 16.5                     | 28      | 23953    | 1.5 X 1.5 X 0.5 X 0.5     | 16                       | 401     |
| 23769    | 1.33 X 1.33 X 0.73        | 31                       | 394     | 23865    | 1.18                  | 27.9                     | 30      | 23954    | 1.5                       | 15                       | 232     |
| 23770    | 1.5                       | 18.8                     | 238     | 23866    | 1.44                  | 37.71                    | 210     | 23955    | 1.75 X 1.8                | 24.2                     | 301     |
| 23771    | 0.63                      | 52.7                     | 5       | 23867    | 1.25 X 0.75 X 0.75    | 10.63                    | 381     | 23956    | 1.8 X 2.05                | 16.1                     | 313     |
| 23773    | 0.63                      | 48.3                     | 5       | 23868    | 1.25 X 1.45           | 37.2                     | 88      | 23957    | 0.63 X 0.63               | 14.4                     | 5       |
| 23774    | 0.63                      | 43.2                     | 5       | 23869    | 0.63 X 0.63 X 0.31    | 48.9                     | 369     | 23958    | 1.5                       | 19                       | 239     |
| 23775    | 1.03                      | 11.1                     | 16      | 23870    | 1.5                   | 25.23                    | 248     | 23959    | 1.75 X 1.8                | 15.29                    | 301     |
| 23776    | 1.18                      | 18.8                     | 29      | 23871    | 1.2 X 1.25            | 27.5                     | 47      | 23961    | 1.45 X 1.48               | 21.5                     | 214     |
| 23777    | 1.18                      | 21.5                     | 29      | 23873    | 1.44                  | 13.5                     | 206     | 23962    | 2.37 X 2.37 X 0.59 X 0.68 | 58.87                    | 418     |
| 23778    | 1.03                      | 13                       | 16      | 23874    | 1.3                   | 13.8                     | 125     | 23967    | 1.3                       | 47.2                     | 139     |
| 23779    | 1.18                      | 15.1                     | 27      | 23875    | 1.3                   | 14.1                     | 125     | 23969    | 1.3                       | 28.3                     | 137     |
| 23781    | 1.18                      | 17.3                     | 28      | 23876    | 1.3                   | 21                       | 132     | 23970    | 1.31                      | 18.72                    | 151     |
| 23782    | 1.18                      | 24.6                     | 30      | 23879    | 1.3                   | 15.8                     | 127     | 23971    | 1.3                       | 26.5                     | 136     |
| 23783    | 1.18                      | 26.4                     | 30      | 23881    | 1.3                   | 15.72                    | 127     | 23973    | 1.31                      | 17.09                    | 150     |
| 23784    | 1.18                      | 25.1                     | 30      | 23882    | 1.35                  | 11.2                     | 185     | 23974    | 1.31                      | 17.22                    | 150     |
| 23785    | 1.18                      | 16.6                     | 28      | 23883    | 0.75 X 0.75 X 0.75    | 10.1                     | 374     | 23975    | 1.3                       | 4.9                      | 123     |
| 23786    | 1.18                      | 24.8                     | 30      | 23884    | 1.546 X 1.546 X 0.472 | 11.5                     | 406     | 23977    | 1.3                       | 12.2                     | 124     |
| 23787    | 1.18                      | 18.2                     | 29      | 23885    | 1.546                 | 21                       | 277     | 23978    | 1.3                       | 16.7                     | 128     |
| 23789    | 1.18                      | 17.4                     | 28      | 23886    | 1.25                  | 18.7                     | 70      | 23979    | 1.3                       | 16.1                     | 127     |
| 23790    | 1.04                      | 27.8                     | 18      | 23887    | 1.25 X 1.5            | 24.2                     | 95      | 23981    | 2                         | 30.75                    | 328     |
| 23791    | 1.18                      | 14.8                     | 27      | 23888    | 1.534                 | 15                       | 276     | 23982    | 1.19                      | 17.6                     | 35      |
| 23792    | 1.18                      | 29.3                     | 31      | 23889    | 1.53                  | 16.5                     | 275     | 23983    | 1.03 X 1.19               | 17.4                     | 17      |
| 23793    | 2.5 X 2.25                | 18.5                     | 355     | 23890    | 1.541                 | 15                       | 277     | 23984    | 1.03 X 1.19               | 18.2                     | 17      |
| 23794    | 2.25                      | 29.6                     | 340     | 23891    | 1.565 X 1.61          | 13.75                    | 280     | 23985    | 1.19                      | 21.4                     | 37      |
| 23795    | 2.25                      | 21.6                     | 339     | 23892    | 1.521 X 1.532         | 13                       | 275     | 23986    | 1.93 X 2.13               | 40.7                     | 317     |
| 23797    | 0.73 X 0.73               | 42                       | 373     | 23893    | 1.53                  | 16.5                     | 275     | 23987    | 1.93 X 2.13               | 30                       | 317     |
| 23798    | 1.32                      | 20.2                     | 169     | 23894    | 1.53 X 1.53 X 0.75    | 15.5                     | 406     | 23988    | 1.93 X 2.12               | 31.07                    | 316     |
| 23799    | 1.3 X 1.55                | 9.3                      | 142     | 23897    | 1.35                  | 28.4                     | 190     | 23989    | 1.62                      | 27.9                     | 281     |
| 23800    | 1.32                      | 21.9                     | 169     | 23898    | 1.35                  | 24.9                     | 188     | 23990    | 1.7 X 1.93                | 40.2                     | 284     |
| 23801    | 1.35                      | 22.2                     | 187     | 23899    | 1.31                  | 28.4                     | 160     | 23991    | 1.62                      | 25.9                     | 281     |
| 23802    | 1.31                      | 33.5                     | 161     | 23900    | 1.35                  | 29.3                     | 191     | 23993    | 1.93 X 2.13               | 13.5                     | 317     |
| 23803    | 1.31 X 1.55               | 24.4                     | 165     | 23901    | 1.35                  | 27.1                     | 190     | 23994    | 1.93 X 2.13               | 12.6                     | 317     |
| 23804    | 1.31                      | 19.6                     | 152     | 23902    | 1.35                  | 25.7                     | 189     | 23995    | 1.93 X 2.13               | 12.7                     | 317     |
| 23805    | 1.37                      | 30                       | 195     | 23903    | 1.35                  | 25.4                     | 188     | 23996    | 1.93 X 2.13               | 13.4                     | 317     |
| 23806    | 0.63 X 0.63 X 0.63        | 19.1                     | 370     | 23904    | 1.35                  | 27.3                     | 190     | 23997    | 1.92 X 2.13               | 12.3                     | 315     |
| 23807    | 0.63 X 0.63 X 0.63        | 11                       | 369     | 23905    | 1.35                  | 27.4                     | 190     | 24001    | 2.47                      | 21.5                     | 348     |
| 23808    | 0.5 X 0.5 X 0.15          | 24.25                    | 361     | 23906    | 1.35                  | 29                       | 191     | 24002    | 2.47                      | 20.4                     | 348     |
| 23809    | 0.75 X 0.75 X 0.75 X 0.75 | 29                       | 375     | 23907    | 1.35                  | 19.7                     | 187     | 24003    | 2.5                       | 15.77                    | 350     |
| 23810    | 1.35 X 1.5                | 19.4                     | 192     | 23908    | 1.3                   | 19.2                     | 130     | 24004    | 2.48                      | 11.1                     | 348     |
| 23811    | 1.35 X 1.5                | 20                       | 193     | 23909    | 1.35                  | 18.3                     | 186     | 24005    | 2.48                      | 25.5                     | 349     |
| 23812    | 1.53 X 1.6                | 22.2                     | 275     | 23910    | 1.35                  | 13.7                     | 185     | 24006    | 2.47                      | 22.2                     | 348     |
| 23813    | 1.5                       | 13.5                     | 231     | 23911    | 1.3                   | 11.9                     | 124     | 24007    | 2.38 X 2.5                | 17.6                     | 347     |
| 23814    | 1.5                       | 17                       | 235     | 23912    | 1.3                   | 11.9                     | 124     | 24009    | 2.25 X 2.45               | 14.1                     | 342     |
| 23815    | 2.25                      | 18.5                     | 338     | 23913    | 1.3                   | 15.6                     | 127     | 24010    | 1.93 X 2.12               | 17.36                    | 316     |
| 23816    | 2.25                      | 32.25                    | 340     | 23914    | 1.35                  | 14.8                     | 186     | 24011    | 1.62                      | 30.8                     | 281     |
| 23817    | 2.25                      | 32                       | 340     | 23915    | 1.35                  | 12.94                    | 185     | 24013    | 1.62 X 2.13               | 30.6                     | 282     |
|          |                           |                          |         | 23917    | 1.3                   | 11.3                     | 124     | 24015    | 1.88                      | 14.47                    | 314     |
|          |                           |                          |         | 23918    | 1.35                  | 9.1                      | 185     | 24017    | 1.92                      | 17.3                     | 315     |

## Hose Dimensions — Listed in Order by Part Number

| Part No. | Hose I.D. (In.)            | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)         | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. |
|----------|----------------------------|--------------------------|---------|----------|-------------------------|--------------------------|---------|----------|-----------------|--------------------------|---------|
| 24019    | 1.88                       | 14.3                     | 314     | 24130    | 0.9                     | 34.25                    | 9       | 28471    | 0.625           | 40                       | 662     |
| 24021    | 2.12 X 2.5                 | 16.8                     | 335     | 24131    | 0.89 X 0.7 X 0.4 X 0.93 | 29.25                    | 377     | 28472    | 0.625           | 52                       | 662     |
| 24029    | 2 X 2.24                   | 31.3                     | 330     |          |                         |                          |         | 28473    | 0.625           | 64                       | 662     |
| 24031    | 2.5                        | 22                       | 352     | 24132    | 0.28 X 0.28 X 0.28      | 24.25                    | 361     | 28474    | 0.75            | 10                       | 662     |
| 24033    | 1.75 X 2                   | 29.8                     | 309     | 24133    | 1.5 X 1.62              | 18.57                    | 257     | 28475    | 0.75            | 16                       | 662     |
| 24035    | 2 X 2.25                   | 19.7                     | 332     | 24135    | 1.44                    | 18.5                     | 208     | 28476    | 0.75            | 22                       | 662     |
| 24037    | 2.5                        | 20.9                     | 351     | 24136    | 1.44                    | 19.1                     | 208     | 28477    | 0.75            | 28                       | 662     |
| 24039    | 2                          | 18.8                     | 325     | 24137    | 1.5 X 1.62              | 17                       | 257     | 28478    | 0.75            | 32                       | 662     |
| 24041    | 2.5                        | 21.5                     | 352     | 24138    | 1.38 X 1.5              | 14.7                     | 199     | 28479    | 0.75            | 40                       | 662     |
| 24043    | 2.25 X 2.5                 | 7.9                      | 342     | 24139    | 1.41                    | 12                       | 204     | 28480    | 0.75            | 52                       | 662     |
| 24045    | 2.5                        | 11.3                     | 349     | 24140    | 1.38 X 1.5              | 14.6                     | 199     | 28481    | 0.75            | 64                       | 663     |
| 24047    | 2.5                        | 7.4                      | 349     | 24141    | 1.39 X 1.5              | 15.3                     | 203     |          |                 |                          |         |
| 24049    | 2.5                        | 21.7                     | 352     | 24142    | 1.25 X 1.38             | 7.7                      | 85      |          |                 |                          |         |
| 24059    | 2.25                       | 14.7                     | 337     | 24143    | 1.33 X 1.56             | 9.6                      | 175     |          |                 |                          |         |
| 24060    | 2.25 X 2.5                 | 20.1                     | 343     | 24144    | 1.3 X 1.45              | 7.1                      | 140     |          |                 |                          |         |
| 24062    | 1.53                       | 12.44                    | 275     | 24146    | 1.38 X 1.5              | 17.3                     | 199     |          |                 |                          |         |
| 24063    | 1.54                       | 9.84                     | 276     | 24147    | 1.54 X 1.6              | 16.4                     | 276     |          |                 |                          |         |
| 24065    | 1.23 X 1.23 X 0.5 X 0.3    | 22.75                    | 380     | 24149    | 1.35                    | 20.8                     | 187     |          |                 |                          |         |
|          |                            |                          |         | 24151    | 1.44                    | 14.9                     | 206     |          |                 |                          |         |
| 24066    | 1.37                       | 10.23                    | 194     | 24152    | 1.38                    | 6.7                      | 195     |          |                 |                          |         |
| 24067    | 1.25 X 1.25                | 20                       | 83      | 24153    | 1.3                     | 13.38                    | 125     |          |                 |                          |         |
| 24068    | 1.2                        | 23.5                     | 45      | 24156    | 0.76                    | 13.25                    | 7       |          |                 |                          |         |
| 24069    | 1.21 X 1.21                | 34.5                     | 51      | 24157    | 0.75                    | 16.5                     | 6       |          |                 |                          |         |
| 24070    | 1.2                        | 34                       | 45      | 24158    | 0.3                     | 34.25                    | 1       |          |                 |                          |         |
| 24071    | 1.25 X 1.25                | 19.5                     | 82      | 24159    | 1.36 X 0.62             | 19.125                   | 395     |          |                 |                          |         |
| 24072    | 1.25                       | 7.8                      | 60      | 24160    | 0.78                    | 23.75                    | 8       |          |                 |                          |         |
| 24073    | 1.5 X 1.5                  | 8.5                      | 256     | 24161    | 0.75 X 0.61 X 0.75      | 22                       | 374     |          |                 |                          |         |
| 24074    | 2.25 X 2.5                 | 12.5                     | 342     | 24162    | 1.25                    | 21.7                     | 73      |          |                 |                          |         |
| 24075    | 2.25 X 2.5                 | 12.5                     | 343     | 24164    | 0.96 X 0.96 X 0.71      | 16                       | 377     |          |                 |                          |         |
| 24076    | 2.33 X 2.5                 | 10.8                     | 346     | 24165    | 0.7 X 0.98 X 0.93       | 38                       | 372     |          |                 |                          |         |
| 24077    | 2.5                        | 26.5                     | 353     | 24167    | 0.7 X 0.98 X 0.98       | 24.5                     | 372     |          |                 |                          |         |
| 24078    | 1.5                        | 4.9                      | 226     | 24170    | 1.3                     | 11.3                     | 124     |          |                 |                          |         |
| 24079    | 1.5                        | 10.1                     | 227     | 24172    | 1.3                     | 16.2                     | 128     |          |                 |                          |         |
| 24080    | 1.5                        | 17                       | 235     | 24174    | 1.44                    | 44.3                     | 210     |          |                 |                          |         |
| 24081    | 0.68                       | 28.5                     | 5       | 24176    | 1.44                    | 18.3                     | 208     |          |                 |                          |         |
| 24082    | 1.54 X 1.54 X 0.75 X 0.537 | 12.79                    | 406     | 24178    | 0.63                    | 27.2                     | 4       |          |                 |                          |         |
|          |                            |                          |         | 24179    | 1.44                    | 17.1                     | 207     |          |                 |                          |         |
| 24083    | 1.5 X 1.5 X 0.8            | 10                       | 403     | 24180    | 1.44                    | 18.9                     | 208     |          |                 |                          |         |
| 24084    | 1.5 X 1.5 X 0.8 X 0.7      | 15.5                     | 403     | 24182    | 1.13                    | 20.9                     | 25      |          |                 |                          |         |
| 24085    | 1.5 X 1.5 X 0.75           | 10                       | 402     | 24183    | 1.75                    | 18.5                     | 293     |          |                 |                          |         |
| 24086    | 1.5 X 1.5 X 0.8            | 16.5                     | 403     | 24185    | 1.3                     | 26.1                     | 135     |          |                 |                          |         |
| 24087    | 1.5 X 1.5 X 0.75 X 0.75    | 14                       | 403     | 24186    | 1.3                     | 40.7                     | 139     |          |                 |                          |         |
|          |                            |                          |         | 24187    | 1.3                     | 11.8                     | 124     |          |                 |                          |         |
| 24088    | 1.75                       | 12.8                     | 289     | 24188    | 1.3                     | 26.2                     | 136     |          |                 |                          |         |
| 24089    | 1.25 X 1.46                | 20.1                     | 88      | 24189    | 1.44                    | 20.8                     | 208     |          |                 |                          |         |
| 24090    | 1.25                       | 19.92                    | 71      | 24190    | 1.25                    | 22.7                     | 75      |          |                 |                          |         |
| 24094    | 1.25                       | 24.79                    | 76      | 24191    | 1.06 X 1.25             | 22.5                     | 23      |          |                 |                          |         |
| 24095    | 1.19 X 1.3                 | 20.9                     | 41      | 24192    | 1.25                    | 20.3                     | 71      |          |                 |                          |         |
| 24096    | 1.21 X 1.32                | 14.52                    | 51      | 24195    | 1.3                     | 12.5                     | 124     |          |                 |                          |         |
| 24097    | 1.3                        | 16.87                    | 128     | 24197    | 2                       | 28.8                     | 328     |          |                 |                          |         |
| 24098    | 1.32                       | 34.32                    | 170     | 24198    | 2                       | 18.7                     | 325     |          |                 |                          |         |
| 24099    | 1.32 X 1.48                | 12.78                    | 170     | 24199    | 1.3                     | 13.9                     | 125     |          |                 |                          |         |
| 24101    | 1.3                        | 13.43                    | 125     | 24202    | 2.25                    | 10                       | 336     |          |                 |                          |         |
| 24102    | 1.3                        | 19.1                     | 130     | 24204    | 2                       | 38.6                     | 329     |          |                 |                          |         |
| 24103    | 0.85                       | 20.75                    | 8       | 24251    | 1.63 X 1.72             | 15.8                     | 282     |          |                 |                          |         |
| 24104    | 1.71                       | 15.5                     | 284     | 24253    | 1.33 X 1.5              | 12.3                     | 175     |          |                 |                          |         |
| 24105    | 0.9                        | 23.5                     | 9       | 24254    | 1.5 X 1.6               | 3.9                      | 256     |          |                 |                          |         |
| 24106    | 0.75                       | 16.25                    | 6       | 24255    | 1.3 X 1.6               | 15.4                     | 142     |          |                 |                          |         |
| 24107    | 0.625 X 0.71               | 10.5                     | 4       | 24257    | 2.5 X 2.75              | 12.5                     | 356     |          |                 |                          |         |
| 24108    | 0.5                        | 22.25                    | 1       | 24262    | 1.45                    | 22.9                     | 213     |          |                 |                          |         |
| 24109    | 1.54 X 1.7                 | 18.25                    | 277     | 24265    | 1.5                     | 24.3                     | 247     |          |                 |                          |         |
| 24111    | 1.31                       | 10.87                    | 143     | 24266    | 1.25                    | 12.7                     | 63      |          |                 |                          |         |
| 24112    | 1.25 X 1.34                | 6.5                      | 83      | 24274    | 1.34 X 1.45             | 14.6                     | 182     |          |                 |                          |         |
| 24113    | 1.36 X 1.5                 | 15.3                     | 194     | 24275    | 1.47 X 1.54             | 31.3                     | 221     |          |                 |                          |         |
| 24115    | 1.25 X 1.25 X 0.38         | 13                       | 382     | 24276    | 1.75 X 2                | 25.8                     | 309     |          |                 |                          |         |
| 24116    | 1.43 X 1.43 X 0.3          | 18                       | 395     | 24335    | 1.5                     | 14.1                     | 231     |          |                 |                          |         |
| 24117    | 1.5 X 1.5                  | 13.75                    | 256     | 28460    | 0.5                     | 10                       | 661     |          |                 |                          |         |
| 24118    | 0.79 X 0.75 X 0.98 X 0.59  | 5.5                      | 376     | 28461    | 0.5                     | 16                       | 661     |          |                 |                          |         |
|          |                            |                          |         | 28462    | 0.5                     | 22                       | 661     |          |                 |                          |         |
| 24119    | 0.95 X 0.95 X 0.6          | 13                       | 377     | 28463    | 0.5                     | 26                       | 661     |          |                 |                          |         |
| 24121    | 0.92 X 0.92 X 0.6          | 13.25                    | 377     | 28464    | 0.5                     | 28                       | 661     |          |                 |                          |         |
| 24122    | 0.71 X 0.87                | 8.19                     | 6       | 28465    | 0.5                     | 40                       | 661     |          |                 |                          |         |
| 24124    | 1.5 X 1.5 X 0.5 X 0.6      | 15.75                    | 402     | 28466    | 0.625                   | 10                       | 661     |          |                 |                          |         |
| 24125    | 1.5 X 1.5 X 0.875          | 11.02                    | 404     | 28467    | 0.625                   | 16                       | 661     |          |                 |                          |         |
| 24126    | 1.2                        | 20                       | 44      | 28468    | 0.625                   | 22                       | 661     |          |                 |                          |         |
| 24127    | 1.2                        | 22                       | 45      | 28469    | 0.625                   | 26                       | 661     |          |                 |                          |         |
| 24128    | 0.85                       | 25.25                    | 8       | 28470    | 0.625                   | 28                       | 662     |          |                 |                          |         |
| 24129    | 0.9                        | 69                       | 9       |          |                         |                          |         |          |                 |                          |         |

[illegible]

# Hose Dimensions

Listed in Order by Inside Diameter

| Part No. | Hose I.D. (In.)    | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. |
|----------|--------------------|--------------------------|---------|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|
| 18125    | 0.23               | 4.2                      | 419     | 18146    | 0.29            | 6.5                      | 426     | 18266    | 0.31            | 5.8                      | 434     |
| 18126    | 0.23 X 0.3         | 35.8                     | 419     | 18510    | 0.29            | 6.5                      | 426     | 18263    | 0.31            | 6                        | 434     |
| 18127    | 0.24 X 0.35        | 19.7                     | 419     | 18173    | 0.29            | 7                        | 426     | 18239    | 0.31            | 6.6                      | 434     |
| 18128    | 0.24 X 0.37        | 14.6                     | 419     | 18605    | 0.29            | 7.1                      | 426     | 18332    | 0.31            | 6.6                      | 434     |
| 18623    | 0.25               | 4.8                      | 419     | 18179    | 0.29            | 7.2                      | 427     | 18576    | 0.31            | 6.9                      | 434     |
| 18131    | 0.25               | 6.5                      | 419     | 18253    | 0.29            | 7.3                      | 427     | 18666    | 0.31            | 6.9                      | 435     |
| 18364    | 0.25               | 6.5                      | 419     | 18399    | 0.29            | 7.3                      | 427     | 12054    | 0.31            | 7.1                      | 435     |
| 18103    | 0.25               | 7.9                      | 419     | 18618    | 0.29            | 7.3                      | 427     | 18200    | 0.31            | 7.1                      | 435     |
| 18132    | 0.25               | 8                        | 419     | 18180    | 0.29            | 7.8                      | 427     | 18219    | 0.31            | 7.5                      | 435     |
| 18120    | 0.25               | 8.4                      | 420     | 18497    | 0.29            | 7.8                      | 427     | 18240    | 0.31            | 7.5                      | 435     |
| 18122    | 0.25               | 8.9                      | 420     | 18170    | 0.29            | 8                        | 427     | 18573    | 0.31            | 7.5                      | 435     |
| 18010    | 0.25               | 9.6                      | 420     | 18177    | 0.29            | 8                        | 427     | 18678    | 0.31            | 7.58                     | 435     |
| 18121    | 0.25               | 11                       | 420     | 18396    | 0.29            | 8                        | 427     | 18238    | 0.31            | 7.6                      | 435     |
| 18136    | 0.25               | 13.1                     | 420     | 18187    | 0.29            | 8.3                      | 427     | 18244    | 0.31            | 7.7                      | 435     |
| 18133    | 0.25               | 13.9                     | 420     | 18607    | 0.29            | 8.5                      | 427     | 18522    | 0.31            | 8                        | 435     |
| 18119    | 0.25               | 14.5                     | 420     | 12017    | 0.29            | 9.08                     | 428     | 18669    | 0.31            | 8.49                     | 436     |
| 18011    | 0.25               | 15.6                     | 420     | 18601    | 0.29            | 9.7                      | 428     | 18664    | 0.31            | 8.5                      | 436     |
| 18134    | 0.25               | 20.1                     | 420     | 18500    | 0.29            | 11.1                     | 428     | 18229    | 0.31            | 8.6                      | 436     |
| 18341    | 0.25 X 0.3         | 17.3                     | 420     | 18499    | 0.29            | 11.9                     | 428     | 18202    | 0.31            | 8.8                      | 436     |
| 18138    | 0.25 X 0.31        | 26.2                     | 421     | 18252    | 0.29            | 12.5                     | 428     | 18262    | 0.31            | 8.9                      | 436     |
| 18130    | 0.25 X 0.31        | 31                       | 421     | 18393    | 0.29            | 14.3                     | 428     | 18680    | 0.31            | 9.28                     | 436     |
| 18129    | 0.25 X 0.31        | 32.9                     | 421     | 18501    | 0.29            | 14.5                     | 428     | 18277    | 0.31            | 9.3                      | 436     |
| 18135    | 0.25 X 0.38        | 34.2                     | 421     | 18502    | 0.29            | 15.4                     | 428     | 18198    | 0.31            | 9.4                      | 436     |
| 18337    | 0.26               | 6.5                      | 421     | 18554    | 0.29            | 17.2                     | 428     | 18020    | 0.31            | 9.6                      | 436     |
| 18335    | 0.26               | 7.6                      | 421     | 18255    | 0.29            | 22.5                     | 428     | 18199    | 0.31            | 9.6                      | 437     |
| 18638    | 0.26 X 0.31        | 23.67                    | 421     | 12065    | 0.29            | 24.5                     | 429     | 18223    | 0.31            | 9.6                      | 437     |
| 18124    | 0.27               | 5.7                      | 421     | 12039    | 0.29            | 26.3                     | 429     | 18674    | 0.31            | 9.6                      | 437     |
| 18371    | 0.27               | 13                       | 422     | 18391    | 0.29            | 62.7                     | 429     | 18572    | 0.31            | 9.7                      | 437     |
| 18297    | 0.27 X 0.38        | 39.4                     | 422     | 18631    | 0.29 X 0.33     | 12.4                     | 429     | 12063    | 0.31            | 9.8                      | 437     |
| 18123    | 0.28               | 3.3                      | 422     | 18591    | 0.29 X 0.34     | 6.9                      | 429     | 18207    | 0.31            | 9.8                      | 437     |
| 18182    | 0.28               | 3.8                      | 422     | 18596    | 0.29 X 0.34     | 7.5                      | 429     | 18241    | 0.31            | 9.8                      | 437     |
| 18191    | 0.28               | 4.5                      | 422     | 18597    | 0.29 X 0.34     | 9.17                     | 429     | 18663    | 0.31            | 10                       | 437     |
| 18181    | 0.28               | 4.7                      | 422     | 18296    | 0.29 X 0.35     | 33.9                     | 430     | 18232    | 0.31            | 10.1                     | 437     |
| 18176    | 0.28               | 5                        | 422     | 18260    | 0.29 X 0.36     | 38.45                    | 430     | 18671    | 0.31            | 10.21                    | 437     |
| 18192    | 0.28               | 5.6                      | 422     | 18261    | 0.29 X 0.36     | 46.81                    | 430     | 18553    | 0.31            | 10.5                     | 438     |
| 18099    | 0.28               | 5.7                      | 422     | 18348    | 0.29 X 0.38     | 26                       | 430     | 18206    | 0.31            | 10.7                     | 438     |
| 18201    | 0.28               | 6.5                      | 422     | 19926    | 0.3             | 3                        | 430     | 18682    | 0.31            | 10.7                     | 438     |
| 18185    | 0.28               | 6.6                      | 423     | 18257    | 0.3             | 4.2                      | 430     | 18226    | 0.31            | 10.8                     | 438     |
| 18169    | 0.28               | 6.8                      | 423     | 18171    | 0.3             | 5.2                      | 430     | 18205    | 0.31            | 10.9                     | 438     |
| 18174    | 0.28               | 7                        | 423     | 12026    | 0.3             | 5.4                      | 430     | 18667    | 0.31            | 10.9                     | 438     |
| 18184    | 0.28               | 7                        | 423     | 18178    | 0.3             | 5.5                      | 430     | 18677    | 0.31            | 11                       | 438     |
| 18100    | 0.28               | 8.5                      | 423     | 18696    | 0.3             | 7.13                     | 431     | 18228    | 0.31            | 11.4                     | 438     |
| 18193    | 0.28               | 8.7                      | 423     | 18097    | 0.3             | 7.7                      | 431     | 18222    | 0.31            | 11.6                     | 438     |
| 18139    | 0.28               | 9.2                      | 423     | 18620    | 0.3             | 8.32                     | 431     | 18552    | 0.31            | 11.7                     | 439     |
| 18186    | 0.28               | 9.3                      | 423     | 18630    | 0.3             | 8.7                      | 431     | 18019    | 0.31            | 11.8                     | 439     |
| 18104    | 0.28               | 10.9                     | 423     | 18361    | 0.3             | 8.9                      | 431     | 18204    | 0.31            | 11.9                     | 439     |
| 18519    | 0.28               | 11.6                     | 424     | 18140    | 0.3             | 9                        | 431     | 18672    | 0.31            | 12                       | 439     |
| 18114    | 0.28               | 12.4                     | 424     | 18265    | 0.3             | 9.4                      | 431     | 18015    | 0.31            | 12.2                     | 439     |
| 18245    | 0.28               | 12.7                     | 424     | 18258    | 0.3             | 11                       | 431     | 18681    | 0.31            | 12.22                    | 439     |
| 18106    | 0.28               | 14.7                     | 424     | 18098    | 0.3             | 11.5                     | 431     | 18227    | 0.31            | 12.3                     | 439     |
| 18254    | 0.28               | 16.2                     | 424     | 18349    | 0.3             | 12.1                     | 431     | 18359    | 0.31            | 12.4                     | 439     |
| 18112    | 0.28               | 21.9                     | 424     | 18274    | 0.3             | 12.3                     | 432     | 18558    | 0.31            | 12.5                     | 439     |
| 18385    | 0.28               | 26.2                     | 424     | 19944    | 0.3             | 13.14                    | 432     | 18299    | 0.31            | 12.7                     | 440     |
| 24132    | 0.28 X 0.28 X 0.28 | 24.25                    | 361     | 18272    | 0.3             | 15.9                     | 432     | 18387    | 0.31            | 13.1                     | 440     |
| 18590    | 0.28 X 0.31        | 9                        | 424     | 18264    | 0.3             | 18.6                     | 432     | 18360    | 0.31            | 13.6                     | 440     |
| 18269    | 0.28 X 0.36        | 48.46                    | 424     | 18273    | 0.3             | 22.2                     | 432     | 18137    | 0.31            | 13.7                     | 440     |
| 18276    | 0.28 X 0.37        | 12.31                    | 425     | 18271    | 0.3             | 24.6                     | 432     | 18209    | 0.31            | 13.7                     | 440     |
| 18183    | 0.29               | 3.2                      | 425     | 19936    | 0.3             | 24.75                    | 432     | 18230    | 0.31            | 13.8                     | 440     |
| 18168    | 0.29               | 4.7                      | 425     | 18094    | 0.3             | 34.8                     | 432     | 18216    | 0.31            | 14                       | 440     |
| 18397    | 0.29               | 5                        | 425     | 24158    | 0.3             | 34.25                    | 1       | 18287    | 0.31            | 14                       | 440     |
| 18606    | 0.29               | 5                        | 425     | 18629    | 0.3 X 0.33      | 5.1                      | 432     | 18203    | 0.31            | 14.3                     | 441     |
| 18392    | 0.29               | 5.1                      | 425     | 18628    | 0.3 X 0.33      | 7.4                      | 433     | 18210    | 0.31            | 14.4                     | 441     |
| 18398    | 0.29               | 5.1                      | 425     | 18293    | 0.3 X 0.33      | 15.4                     | 433     | 18690    | 0.31            | 14.4                     | 441     |
| 18619    | 0.29               | 5.3                      | 425     | 18294    | 0.3 X 0.33      | 35                       | 433     | 18197    | 0.31            | 14.6                     | 441     |
| 18608    | 0.29               | 5.7                      | 425     | 18295    | 0.3 X 0.34      | 35.5                     | 433     | 18231    | 0.31            | 15.2                     | 441     |
| 18679    | 0.29               | 5.8                      | 425     | 18278    | 0.3 X 0.36      | 16                       | 433     | 18281    | 0.31            | 15.4                     | 441     |
| 18175    | 0.29               | 6                        | 426     | 18298    | 0.3 X 0.38      | 21.3                     | 433     | 18021    | 0.31            | 15.6                     | 441     |
| 18394    | 0.29               | 6                        | 426     | 18333    | 0.3 X 0.38      | 27.3                     | 433     | 18211    | 0.31            | 16                       | 442     |
| 18395    | 0.29               | 6                        | 426     | 18259    | 0.3 X 0.41      | 7.8                      | 434     | 18334    | 0.31            | 16.9                     | 442     |
| 18592    | 0.29               | 6.25                     | 426     | 18256    | 0.3 X 0.46      | 29.4                     | 434     | 18214    | 0.31            | 17                       | 442     |
| 18172    | 0.29               | 6.3                      | 426     | 18217    | 0.3 X 0.5       | 8.6                      | 434     | 18225    | 0.31            | 18.8                     | 442     |
| 18498    | 0.29               | 6.3                      | 426     | 18224    | 0.31            | 4.5                      | 434     | 18090    | 0.31            | 19.1                     | 442     |
| 18621    | 0.29               | 6.3                      | 426     | 18338    | 0.31            | 4.8                      | 434     | 18684    | 0.31            | 20.04                    | 442     |

## Hose Dimensions — Listed in Order by Inside Diameter

| Part No. | Hose I.D. (In.)    | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)  | Center Line Length (In.) | Row No. |
|----------|--------------------|--------------------------|---------|----------|-----------------|--------------------------|---------|----------|------------------|--------------------------|---------|
| 18286    | 0.31               | 20.2                     | 442     | 19950    | 0.38            | 21.5                     | 452     | 18429    | 0.5              | 14.5                     | 460     |
| 18242    | 0.31               | 22                       | 442     | 19947    | 0.38            | 23.4                     | 452     | 18459    | 0.5              | 14.6                     | 460     |
| 18288    | 0.31               | 23.3                     | 442     | 12021    | 0.38            | 23.95                    | 452     | 28461    | 0.5              | 16                       | 661     |
| 18687    | 0.31               | 24.38                    | 443     | 18570    | 0.38            | 26.3                     | 452     | 18428    | 0.5              | 16.1                     | 460     |
| 19974    | 0.31               | 25                       | 443     | 18305    | 0.38            | 31.6                     | 452     | 18426    | 0.5              | 16.7                     | 460     |
| 18695    | 0.31               | 25.2                     | 443     | 18329    | 0.38            | 31.8                     | 452     | 19957    | 0.5              | 16.87                    | 461     |
| 18686    | 0.31               | 25.9                     | 443     | 18328    | 0.39            | 24.6                     | 453     | 18472    | 0.5              | 17.3                     | 461     |
| 18685    | 0.31               | 26                       | 443     | 18327    | 0.39            | 25.1                     | 453     | 18412    | 0.5              | 17.4                     | 461     |
| 18688    | 0.31               | 28.91                    | 443     | 18326    | 0.39            | 25.7                     | 453     | 18579    | 0.5              | 17.9                     | 461     |
| 18243    | 0.31               | 29.1                     | 444     | 18325    | 0.39            | 35                       | 453     | 18457    | 0.5              | 18.3                     | 461     |
| 18285    | 0.31               | 31.4                     | 444     | 19970    | 0.4 X 0.39      | 24.75                    | 453     | 18468    | 0.5              | 18.7                     | 461     |
| 18340    | 0.31               | 32.8                     | 444     | 18637    | 0.41            | 11.22                    | 453     | 18437    | 0.5              | 19                       | 461     |
| 18689    | 0.31               | 37.85                    | 444     | 19924    | 0.44            | 2.8                      | 453     | 18433    | 0.5              | 19.3                     | 462     |
| 18694    | 0.31 X 0.34        | 15.43                    | 444     | 19929    | 0.44            | 2.9                      | 453     | 18578    | 0.5              | 22                       | 462     |
| 18691    | 0.31 X 0.35        | 14.61                    | 444     | 19930    | 0.44            | 3.3                      | 453     | 28462    | 0.5              | 22                       | 661     |
| 18033    | 0.31 X 0.47        | 29.102                   | 445     | 19927    | 0.44            | 3.5                      | 453     | 18430    | 0.5              | 23.4                     | 462     |
| 18384    | 0.32               | 10.7                     | 445     | 19928    | 0.44            | 4.1                      | 454     | 18487    | 0.5              | 23.9                     | 462     |
| 18290    | 0.32               | 12.4                     | 445     | 19923    | 0.44            | 4.22                     | 454     | 18401    | 0.5              | 24.7                     | 462     |
| 18376    | 0.32               | 12.7                     | 445     | 19925    | 0.44            | 4.26                     | 454     | 28463    | 0.5              | 26                       | 661     |
| 18291    | 0.32               | 13.1                     | 445     | 18697    | 0.44            | 4.6                      | 454     | 28464    | 0.5              | 28                       | 661     |
| 18383    | 0.32               | 13.3                     | 445     | 18683    | 0.44            | 5.5                      | 454     | 28465    | 0.5              | 40                       | 661     |
| 18375    | 0.32               | 13.9                     | 445     | 18699    | 0.44            | 7.3                      | 454     | 21184    | 0.5              | 4.1                      | 1       |
| 18283    | 0.32               | 16.3                     | 445     | 18673    | 0.44            | 8.07                     | 454     | 21214    | 0.5              | 4.9                      | 1       |
| 18246    | 0.32               | 19.6                     | 446     | 18670    | 0.44            | 8.33                     | 454     | 21537    | 0.5              | 13.2                     | 1       |
| 18089    | 0.32               | 19.7                     | 446     | 18662    | 0.44            | 9.24                     | 454     | 21221    | 0.5              | 14.5                     | 1       |
| 18292    | 0.32               | 23.3                     | 446     | 18693    | 0.44            | 16.7                     | 454     | 24108    | 0.5              | 22.25                    | 1       |
| 18284    | 0.32               | 23.6                     | 446     | 18692    | 0.44            | 17.22                    | 454     | 23808    | 0.5 X 0.5 X 0.15 | 24.25                    | 361     |
| 18268    | 0.32               | 34                       | 446     | 21784    | 0.44            | 4.3                      | 1       | 19067    | 0.5 X 0.6        | 10.3                     | 462     |
| 18280    | 0.32               | 40.2                     | 446     | 18016    | 0.44 X 0.5      | 14.9                     | 455     | 18050    | 0.5 X 0.62       | 6                        | 462     |
| 23133    | 0.32 X 0.32 X 0.24 | 60.1                     | 361     | 18012    | 0.44 X 0.53     | 13.6                     | 455     | 18051    | 0.5 X 0.62       | 12                       | 462     |
| 23132    | 0.32 X 0.32 X 0.32 | 60.1                     | 361     | 18496    | 0.44 X 0.53     | 27                       | 455     | 18486    | 0.5 X 0.62       | 15.8                     | 463     |
| 18282    | 0.32 X 0.37        | 29.1                     | 446     | 18352    | 0.44 X 0.61     | 5.6                      | 455     | 18495    | 0.5 X 0.62       | 15.8                     | 463     |
| 18279    | 0.32 X 0.4         | 32.3                     | 447     | 18467    | 0.44 X 0.61     | 5.9                      | 455     | 18485    | 0.5 X 0.62       | 19.4                     | 463     |
| 18275    | 0.32 X 0.6         | 47.8                     | 447     | 12014    | 0.44 X 0.61     | 6.4                      | 455     | 18477    | 0.5 X 0.63       | 4.5                      | 463     |
| 18571    | 0.33               | 18.6                     | 447     | 19245    | 0.44 X 0.61     | 26.8                     | 455     | 18476    | 0.5 X 0.63       | 14.6                     | 463     |
| 18247    | 0.33               | 24.9                     | 447     | 18675    | 0.45            | 7                        | 455     | 18158    | 0.51             | 6                        | 463     |
| 18267    | 0.33 X 0.47        | 39.4                     | 447     | 18665    | 0.45            | 8.7                      | 456     | 18503    | 0.51             | 7.7                      | 463     |
| 18249    | 0.34               | 7.1                      | 447     | 18491    | 0.45 X 0.6      | 9.9                      | 456     | 18466    | 0.51             | 11                       | 463     |
| 18250    | 0.34               | 7.8                      | 447     | 18494    | 0.45 X 0.6      | 14.5                     | 456     | 18504    | 0.51             | 12.2                     | 464     |
| 18289    | 0.34               | 15.3                     | 447     | 18461    | 0.46            | 6.8                      | 456     | 18471    | 0.51             | 25.8                     | 464     |
| 18251    | 0.34               | 17.9                     | 448     | 18493    | 0.46 X 0.62     | 12.3                     | 456     | 18454    | 0.51 X 0.82      | 6.9                      | 464     |
| 19956    | 0.35               | 10.73                    | 448     | 18416    | 0.48            | 7.4                      | 456     | 18445    | 0.52             | 10.9                     | 464     |
| 18315    | 0.35               | 10.8                     | 448     | 18622    | 0.48            | 23                       | 456     | 18424    | 0.52             | 12.3                     | 464     |
| 18316    | 0.35               | 11.1                     | 448     | 18167    | 0.49            | 9.2                      | 456     | 18469    | 0.52             | 13.2                     | 464     |
| 18314    | 0.35               | 17.5                     | 448     | 18414    | 0.5             | 3.5                      | 456     | 18463    | 0.52             | 14.6                     | 464     |
| 18356    | 0.36               | 6.1                      | 448     | 18462    | 0.5             | 5                        | 457     | 18464    | 0.52             | 16.4                     | 465     |
| 18357    | 0.36               | 6.2                      | 448     | 18415    | 0.5             | 6                        | 457     | 18470    | 0.52             | 16.9                     | 465     |
| 18324    | 0.36               | 13.9                     | 448     | 18460    | 0.5             | 6.7                      | 457     | 18465    | 0.52             | 20.1                     | 465     |
| 18322    | 0.36               | 20.2                     | 448     | 18441    | 0.5             | 7.2                      | 457     | 18009    | 0.52 X 0.63      | 16.2                     | 465     |
| 18321    | 0.36               | 21.4                     | 449     | 18166    | 0.5             | 7.5                      | 457     | 23356    | 0.52 X 0.64      | 26.8                     | 361     |
| 18555    | 0.36               | 27.3                     | 449     | 18421    | 0.5             | 8                        | 457     | 18403    | 0.53             | 8.3                      | 465     |
| 18195    | 0.36               | 53.6                     | 449     | 18400    | 0.5             | 8.3                      | 457     | 20191    | 0.53             | 3.9                      | 1       |
| 19955    | 0.36 X 0.44        | 13.23                    | 449     | 18420    | 0.5             | 8.5                      | 457     | 18443    | 0.54             | 5.5                      | 465     |
| 18013    | 0.36 X 0.44        | 30.1                     | 449     | 18439    | 0.5             | 8.6                      | 457     | 18484    | 0.55             | 12.4                     | 465     |
| 18358    | 0.36 X 0.46        | 10.6                     | 449     | 18475    | 0.5             | 8.7                      | 458     | 18483    | 0.55             | 13.9                     | 465     |
| 18320    | 0.37               | 6                        | 449     | 18473    | 0.5             | 9.3                      | 458     | 18547    | 0.55             | 18.21                    | 466     |
| 18313    | 0.37               | 7.6                      | 449     | 18406    | 0.5             | 9.5                      | 458     | 18413    | 0.55 X 0.62      | 25                       | 466     |
| 18331    | 0.37               | 13.6                     | 450     | 18458    | 0.5             | 9.6                      | 458     | 18489    | 0.55 X 0.7       | 12.3                     | 466     |
| 18317    | 0.37               | 17.7                     | 450     | 18423    | 0.5             | 9.7                      | 458     | 18488    | 0.55 X 0.7       | 14                       | 466     |
| 18330    | 0.37               | 19.1                     | 450     | 18492    | 0.5             | 9.8                      | 458     | 18490    | 0.55 X 0.75      | 25.4                     | 466     |
| 18017    | 0.37               | 27.9                     | 450     | 18419    | 0.5             | 9.9                      | 458     | 18450    | 0.56 X 0.76      | 17.1                     | 466     |
| 18014    | 0.37               | 29.1                     | 450     | 19940    | 0.5             | 9.92                     | 458     | 18451    | 0.56 X 0.76      | 27                       | 466     |
| 18018    | 0.37 X 0.44        | 30.3                     | 450     | 19958    | 0.5             | 9.94                     | 458     | 18452    | 0.57 X 0.76      | 20.3                     | 467     |
| 23818    | 0.375 X 0.5        | 28                       | 1       | 18480    | 0.5             | 10                       | 458     | 18453    | 0.58             | 7.1                      | 467     |
| 12068    | 0.38               | 5.9                      | 450     | 28460    | 0.5             | 10                       | 661     | 18418    | 0.58             | 9.6                      | 467     |
| 18303    | 0.38               | 6.8                      | 450     | 18417    | 0.5             | 10.2                     | 459     | 18367    | 0.58             | 20.3                     | 467     |
| 18302    | 0.38               | 8.7                      | 450     | 18422    | 0.5             | 10.5                     | 459     | 18447    | 0.58             | 21.457                   | 467     |
| 18030    | 0.38               | 9.6                      | 451     | 18456    | 0.5             | 10.7                     | 459     | 21832    | 0.58 X 0.72      | 18                       | 2       |
| 18301    | 0.38               | 9.9                      | 451     | 18479    | 0.5             | 10.7                     | 459     | 18444    | 0.58 X 0.77      | 11                       | 467     |
| 18300    | 0.38               | 10.5                     | 451     | 18482    | 0.5             | 10.9                     | 459     | 18086    | 0.58 X 0.78      | 8.45                     | 467     |
| 18309    | 0.38               | 11.7                     | 451     | 18481    | 0.5             | 11.3                     | 459     | 12012    | 0.59             | 5.52                     | 467     |
| 18304    | 0.38               | 12.7                     | 451     | 18478    | 0.5             | 11.4                     | 459     | 19026    | 0.59             | 6                        | 468     |
| 19949    | 0.38               | 14.3                     | 451     | 18474    | 0.5             | 11.8                     | 459     | 19997    | 0.59             | 6                        | 468     |
| 18031    | 0.38               | 15.6                     | 451     | 18440    | 0.5             | 12.2                     | 459     | 19025    | 0.59             | 7.1                      | 468     |
| 18308    | 0.38               | 15.9                     | 451     | 18442    | 0.5             | 12.3                     | 460     | 19112    | 0.59             | 7.2                      | 468     |
| 18312    | 0.38               | 20.2                     | 451     | 18425    | 0.5             | 13.3                     | 460     | 12008    | 0.59             | 7.53                     | 468     |
| 12022    | 0.38               | 21.43                    | 452     | 18455    | 0.5             | 13.9                     | 460     | 19087    | 0.59             | 7.6                      | 468     |

## Hose Dimensions — Listed in Order by Inside Diameter

| Part No. | Hose I.D. (In.)    | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)     | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)      | Center Line Length (In.) | Row No. |
|----------|--------------------|--------------------------|---------|----------|---------------------|--------------------------|---------|----------|----------------------|--------------------------|---------|
| 12048    | 0.59               | 8                        | 468     | 19057    | 0.6                 | 28.9                     | 478     | 19492    | 0.61 X 0.75          | 17.7                     | 486     |
| 19989    | 0.59               | 9.46                     | 468     | 18905    | 0.6                 | 36.5                     | 478     | 20662    | 0.61 X 0.75          | 5.2                      | 2       |
| 19088    | 0.59               | 10.4                     | 468     | 18916    | 0.6                 | 36.6                     | 478     | 21841    | 0.61 X 0.75          | 9.3                      | 2       |
| 18656    | 0.59               | 11.4                     | 468     | 18906    | 0.6                 | 39.8                     | 479     | 21840    | 0.61 X 0.75          | 13.4                     | 3       |
| 19122    | 0.59               | 11.4                     | 469     | 22468    | 0.6 X 0.6 X 0.25    | 34.01                    | 362     | 19255    | 0.61 X 0.76          | 8.1                      | 487     |
| 19985    | 0.59               | 12.12                    | 469     | 22469    | 0.6 X 0.6 X 0.25    | 34.93                    | 362     | 19262    | 0.61 X 0.76          | 8.3                      | 487     |
| 12016    | 0.59               | 12.54                    | 469     | 18369    | 0.6 X 0.66          | 21                       | 479     | 19261    | 0.61 X 0.76          | 11.9                     | 487     |
| 19931    | 0.59               | 12.61                    | 469     | 19063    | 0.6 X 0.69          | 19.3                     | 479     | 19251    | 0.61 X 0.76          | 22.4                     | 487     |
| 12057    | 0.59               | 13                       | 469     | 19060    | 0.6 X 0.72          | 11.1                     | 479     | 19562    | 0.61 X 0.77          | 4.8                      | 487     |
| 18655    | 0.59               | 14.6                     | 469     | 19048    | 0.6 X 0.72          | 12.8                     | 479     | 19735    | 0.61 X 0.78          | 11.2                     | 487     |
| 12051    | 0.59               | 14.9                     | 469     | 19049    | 0.6 X 0.72          | 16.9                     | 479     | 19276    | 0.61 X 0.78          | 13.75                    | 487     |
| 19108    | 0.59               | 15.9                     | 469     | 19058    | 0.6 X 0.72          | 20.1                     | 479     | 19153    | 0.61 X 0.84          | 25                       | 488     |
| 18632    | 0.59               | 16.17                    | 469     | 19234    | 0.6 X 0.72          | 22.8                     | 480     | 19076    | 0.61 X 0.87          | 23.1                     | 488     |
| 12046    | 0.59               | 16.8                     | 470     | 19235    | 0.6 X 0.72          | 43.1                     | 480     | 19263    | 0.61 X 0.92          | 18.1                     | 488     |
| 18649    | 0.59               | 17.6                     | 470     | 22398    | 0.6 X 0.72 X 0.38   | 15.38                    | 362     | 19266    | 0.61 X 0.92          | 28.7                     | 488     |
| 18658    | 0.59               | 17.7                     | 470     | 19055    | 0.6 X 0.73          | 10.2                     | 480     | 22736    | 0.615 X 0.615 X 0.25 | 13.786                   | 363     |
| 18652    | 0.59               | 18.2                     | 470     | 18141    | 0.6 X 0.73          | 14                       | 480     | 22737    | 0.615 X 0.615 X 0.25 | 30.992                   | 364     |
| 18659    | 0.59               | 18.5                     | 470     | 19308    | 0.6 X 0.73          | 22.2                     | 480     | 18162    | 0.62                 | 3.8                      | 488     |
| 18653    | 0.59               | 18.8                     | 470     | 19972    | 0.6 X 0.83          | 16.5                     | 480     | 18190    | 0.62                 | 4.2                      | 488     |
| 19082    | 0.59               | 19.6                     | 470     | 22399    | 0.6 X 0.87 X 0.38   | 23.26                    | 362     | 12011    | 0.62                 | 4.23                     | 488     |
| 12061    | 0.59               | 20.5                     | 471     | 22471    | 0.6 X 0.91          | 57.3                     | 362     | 18159    | 0.62                 | 5.1                      | 488     |
| 18650    | 0.59               | 20.8                     | 471     | 18160    | 0.61                | 4.9                      | 480     | 18792    | 0.62                 | 5.2                      | 488     |
| 19037    | 0.59               | 21                       | 471     | 19106    | 0.61                | 5.9                      | 480     | 19996    | 0.62                 | 5.44                     | 489     |
| 19084    | 0.59               | 21.1                     | 471     | 19250    | 0.61                | 7.7                      | 480     | 18143    | 0.62                 | 5.8                      | 489     |
| 18657    | 0.59               | 21.2                     | 471     | 19242    | 0.61                | 8.4                      | 481     | 18188    | 0.62                 | 5.9                      | 489     |
| 18651    | 0.59               | 22.4                     | 471     | 19983    | 0.61                | 8.49                     | 481     | 19035    | 0.62                 | 6.1                      | 489     |
| 12050    | 0.59               | 24.2                     | 471     | 12038    | 0.61                | 8.74                     | 481     | 18733    | 0.62                 | 6.4                      | 489     |
| 19109    | 0.59               | 24.7                     | 472     | 19256    | 0.61                | 8.8                      | 481     | 18955    | 0.62                 | 6.9                      | 489     |
| 19120    | 0.59               | 24.9                     | 472     | 19260    | 0.61                | 9.4                      | 481     | 18777    | 0.62                 | 7.2                      | 489     |
| 19097    | 0.59               | 25.2                     | 472     | 19247    | 0.61                | 10.3                     | 481     | 18926    | 0.62                 | 7.2                      | 489     |
| 19080    | 0.59               | 26.2                     | 472     | 19213    | 0.61                | 10.9                     | 481     | 18791    | 0.62                 | 7.4                      | 489     |
| 19038    | 0.59               | 26.4                     | 472     | 19253    | 0.61                | 11.7                     | 481     | 18801    | 0.62                 | 7.5                      | 489     |
| 12056    | 0.59               | 27.1                     | 472     | 19257    | 0.61                | 12.1                     | 481     | 18797    | 0.62                 | 7.7                      | 490     |
| 12030    | 0.59               | 28.24                    | 472     | 19243    | 0.61                | 12.3                     | 482     | 18543    | 0.62                 | 7.8                      | 490     |
| 19090    | 0.59               | 33.1                     | 473     | 19254    | 0.61                | 12.6                     | 482     | 12045    | 0.62                 | 8                        | 490     |
| 19070    | 0.59               | 36.8                     | 473     | 19252    | 0.61                | 14.4                     | 482     | 18807    | 0.62                 | 8                        | 490     |
| 18909    | 0.59               | 38.1                     | 473     | 19086    | 0.61                | 15.4                     | 482     | 18930    | 0.62                 | 8.4                      | 490     |
| 23851    | 0.59 X 0.59 X 0.28 | 48.3                     | 362     | 19214    | 0.61                | 18                       | 482     | 18761    | 0.62                 | 8.5                      | 490     |
| 18449    | 0.59 X 0.71        | 23.9                     | 473     | 19225    | 0.61                | 18                       | 482     | 18925    | 0.62                 | 8.7                      | 490     |
| 19054    | 0.59 X 0.72        | 13.2                     | 473     | 19561    | 0.61                | 18.2                     | 482     | 18044    | 0.62                 | 8.9                      | 490     |
| 12047    | 0.59 X 0.72        | 13.6                     | 473     | 19258    | 0.61                | 18.5                     | 482     | 19152    | 0.62                 | 9                        | 490     |
| 19079    | 0.59 X 0.72        | 16.5                     | 473     | 19244    | 0.61                | 18.8                     | 483     | 18775    | 0.62                 | 9.1                      | 491     |
| 19110    | 0.59 X 0.72        | 22.7                     | 474     | 19560    | 0.61                | 20.1                     | 483     | 19359    | 0.62                 | 9.2                      | 491     |
| 19078    | 0.59 X 0.72        | 25.7                     | 474     | 19195    | 0.61                | 20.76                    | 483     | 18776    | 0.62                 | 9.4                      | 491     |
| 18533    | 0.59 X 0.72        | 27.99                    | 474     | 19215    | 0.61                | 21.1                     | 483     | 18542    | 0.62                 | 9.5                      | 491     |
| 19126    | 0.59 X 0.72        | 28.4                     | 474     | 19212    | 0.61                | 24.3                     | 483     | 19005    | 0.62                 | 9.5                      | 491     |
| 12059    | 0.59 X 0.72        | 34                       | 474     | 19229    | 0.61                | 25.1                     | 483     | 18738    | 0.62                 | 9.7                      | 491     |
| 12060    | 0.59 X 0.72        | 34.9                     | 474     | 19204    | 0.61                | 25.2                     | 483     | 18796    | 0.62                 | 9.7                      | 491     |
| 19309    | 0.59 X 0.75        | 13.2                     | 474     | 18569    | 0.61                | 25.4                     | 483     | 18813    | 0.62                 | 9.8                      | 491     |
| 12013    | 0.59 X 0.75        | 13.21                    | 475     | 19029    | 0.61                | 25.5                     | 484     | 18927    | 0.62                 | 9.8                      | 491     |
| 19994    | 0.59 X 0.75        | 15.7                     | 475     | 19259    | 0.61                | 26.5                     | 484     | 18815    | 0.62                 | 9.9                      | 492     |
| 12036    | 0.59 X 0.75        | 25.88                    | 475     | 19248    | 0.61                | 27.1                     | 484     | 18816    | 0.62                 | 9.9                      | 492     |
| 12034    | 0.59 X 0.75        | 28.4                     | 475     | 19066    | 0.61                | 29.1                     | 484     | 19008    | 0.62                 | 9.9                      | 492     |
| 19951    | 0.59 X 0.75        | 33.7                     | 475     | 20521    | 0.61                | 4.8                      | 2       | 18153    | 0.62                 | 10.1                     | 492     |
| 19937    | 0.59 X 0.79        | 6.25                     | 475     | 20338    | 0.61                | 4.9                      | 2       | 18798    | 0.62                 | 10.2                     | 492     |
| 18541    | 0.6                | 5.8                      | 475     | 20605    | 0.61                | 6.5                      | 2       | 18937    | 0.62                 | 10.2                     | 492     |
| 18540    | 0.6                | 6.8                      | 475     | 21257    | 0.61                | 15.4                     | 2       | 12044    | 0.62                 | 10.3                     | 492     |
| 19064    | 0.6                | 7.2                      | 476     | 23655    | 0.61                | 18.3                     | 363     | 18929    | 0.62                 | 10.5                     | 492     |
| 12000    | 0.6                | 7.68                     | 476     | 22949    | 0.61 X 0.61 X 0.245 | 13.3                     | 363     | 18042    | 0.62                 | 10.6                     | 492     |
| 19998    | 0.6                | 8.2                      | 476     | 22609    | 0.61 X 0.61 X 0.61  | 20.2                     | 363     | 18787    | 0.62                 | 10.7                     | 493     |
| 19068    | 0.6                | 9.7                      | 476     | 22110    | 0.61 X 0.61 X 0.61  | 29.178                   | 363     | 18821    | 0.62                 | 10.8                     | 493     |
| 19059    | 0.6                | 10.5                     | 476     | 21774    | 0.61 X 0.68         | 18.3                     | 2       | 19279    | 0.62                 | 10.8                     | 493     |
| 19061    | 0.6                | 10.9                     | 476     | 19524    | 0.61 X 0.71         | 19.4                     | 484     | 19284    | 0.62                 | 10.84                    | 493     |
| 19077    | 0.6                | 11.9                     | 476     | 19074    | 0.61 X 0.71         | 31.9                     | 484     | 19031    | 0.62                 | 11                       | 493     |
| 12002    | 0.6                | 12.52                    | 476     | 19316    | 0.61 X 0.72         | 11.6                     | 484     | 18165    | 0.62                 | 11.2                     | 493     |
| 19062    | 0.6                | 13                       | 476     | 19075    | 0.61 X 0.72         | 16.4                     | 485     | 18794    | 0.62                 | 11.2                     | 493     |
| 19065    | 0.6                | 13.9                     | 477     | 19107    | 0.61 X 0.72         | 24.1                     | 485     | 18802    | 0.62                 | 11.2                     | 493     |
| 19069    | 0.6                | 15.1                     | 477     | 19205    | 0.61 X 0.73         | 21.7                     | 485     | 18805    | 0.62                 | 11.2                     | 493     |
| 19056    | 0.6                | 15.3                     | 477     | 19233    | 0.61 X 0.73         | 21.9                     | 485     | 19599    | 0.62                 | 11.2                     | 494     |
| 19131    | 0.6                | 16.6                     | 477     | 19578    | 0.61 X 0.73         | 29.9                     | 485     | 18822    | 0.62                 | 11.4                     | 494     |
| 19132    | 0.6                | 17.1                     | 477     | 18069    | 0.61 X 0.74         | 10.6                     | 485     | 18971    | 0.62                 | 11.5                     | 494     |
| 19104    | 0.6                | 19.5                     | 477     | 19217    | 0.61 X 0.74         | 12.5                     | 486     | 19002    | 0.62                 | 11.6                     | 494     |
| 18339    | 0.6                | 20.2                     | 477     | 19500    | 0.61 X 0.74         | 13.9                     | 486     | 12043    | 0.62                 | 11.9                     | 494     |
| 18567    | 0.6                | 21.9                     | 478     | 19216    | 0.61 X 0.74         | 14.3                     | 486     | 18734    | 0.62                 | 11.9                     | 494     |
| 19133    | 0.6                | 22.9                     | 478     | 19322    | 0.61 X 0.74         | 17.8                     | 486     | 18700    | 0.62                 | 12                       | 495     |
| 18881    | 0.6                | 23.7                     | 478     | 19305    | 0.61 X 0.74         | 30.05                    | 486     |          |                      |                          |         |
| 18911    | 0.6                | 26.4                     | 478     | 19249    | 0.61 X 0.75         | 4.9                      | 486     |          |                      |                          |         |

## Hose Dimensions — Listed in Order by Inside Diameter

| Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. |
|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|
| 18799    | 0.62            | 12.1                     | 495     | 18713    | 0.62            | 17.5                     | 505     | 18889    | 0.62            | 22.9                     | 516     |
| 18804    | 0.62            | 12.1                     | 495     | 18716    | 0.62            | 17.5                     | 505     | 18849    | 0.62            | 23.1                     | 516     |
| 18962    | 0.62            | 12.1                     | 495     | 18774    | 0.62            | 17.5                     | 505     | 18893    | 0.62            | 23.1                     | 517     |
| 19281    | 0.62            | 12.25                    | 495     | 18814    | 0.62            | 17.5                     | 505     | 18709    | 0.62            | 23.2                     | 517     |
| 18873    | 0.62            | 12.3                     | 495     | 19424    | 0.62            | 17.5                     | 505     | 18785    | 0.62            | 23.2                     | 517     |
| 18054    | 0.62            | 12.4                     | 495     | 18786    | 0.62            | 17.7                     | 505     | 18842    | 0.62            | 23.2                     | 517     |
| 18818    | 0.62            | 12.4                     | 495     | 18827    | 0.62            | 17.8                     | 506     | 18896    | 0.62            | 23.2                     | 517     |
| 19512    | 0.62            | 12.4                     | 496     | 18838    | 0.62            | 17.8                     | 506     | 18882    | 0.62            | 23.4                     | 517     |
| 18705    | 0.62            | 12.5                     | 496     | 18865    | 0.62            | 17.8                     | 506     | 19123    | 0.62            | 23.4                     | 517     |
| 18737    | 0.62            | 12.5                     | 496     | 18856    | 0.62            | 17.9                     | 506     | 18862    | 0.62            | 23.7                     | 518     |
| 18817    | 0.62            | 12.5                     | 496     | 18997    | 0.62            | 18                       | 506     | 18912    | 0.62            | 23.7                     | 518     |
| 19324    | 0.62            | 12.5                     | 496     | 19127    | 0.62            | 18                       | 506     | 19588    | 0.62            | 23.7                     | 518     |
| 18152    | 0.62            | 12.6                     | 496     | 19288    | 0.62            | 18                       | 506     | 19282    | 0.62            | 23.8                     | 518     |
| 19183    | 0.62            | 12.6                     | 496     | 18888    | 0.62            | 18.2                     | 506     | 18892    | 0.62            | 24                       | 518     |
| 18810    | 0.62            | 12.8                     | 496     | 18857    | 0.62            | 18.3                     | 507     | 18894    | 0.62            | 24.2                     | 518     |
| 18957    | 0.62            | 12.8                     | 497     | 18978    | 0.62            | 18.3                     | 507     | 18095    | 0.62            | 24.4                     | 518     |
| 18710    | 0.62            | 12.9                     | 497     | 19438    | 0.62            | 18.4                     | 507     | 18990    | 0.62            | 24.5                     | 519     |
| 18812    | 0.62            | 12.9                     | 497     | 19425    | 0.62            | 18.5                     | 507     | 18996    | 0.62            | 24.5                     | 519     |
| 19330    | 0.62            | 12.9                     | 497     | 19373    | 0.62            | 18.6                     | 507     | 19342    | 0.62            | 24.6                     | 519     |
| 18782    | 0.62            | 13                       | 497     | 12020    | 0.62            | 18.7                     | 507     | 18149    | 0.62            | 24.9                     | 519     |
| 18049    | 0.62            | 13.2                     | 497     | 18932    | 0.62            | 18.7                     | 508     | 19000    | 0.62            | 24.9                     | 519     |
| 18800    | 0.62            | 13.2                     | 497     | 19437    | 0.62            | 18.7                     | 508     | 19347    | 0.62            | 24.9                     | 519     |
| 19331    | 0.62            | 13.3                     | 497     | 12019    | 0.62            | 18.74                    | 508     | 18845    | 0.62            | 25.5                     | 519     |
| 18154    | 0.62            | 13.4                     | 497     | 18835    | 0.62            | 19                       | 508     | 18848    | 0.62            | 25.7                     | 520     |
| 19340    | 0.62            | 13.5                     | 498     | 18858    | 0.62            | 19                       | 508     | 19283    | 0.62            | 25.9                     | 520     |
| 18970    | 0.62            | 13.6                     | 498     | 18867    | 0.62            | 19                       | 508     | 18983    | 0.62            | 26                       | 520     |
| 18701    | 0.62            | 13.9                     | 498     | 18950    | 0.62            | 19                       | 509     | 18876    | 0.62            | 26.7                     | 520     |
| 18717    | 0.62            | 14                       | 498     | 18836    | 0.62            | 19.1                     | 509     | 18999    | 0.62            | 26.7                     | 520     |
| 18056    | 0.62            | 14.1                     | 498     | 18864    | 0.62            | 19.1                     | 509     | 19446    | 0.62            | 26.8                     | 520     |
| 18516    | 0.62            | 14.1                     | 498     | 18832    | 0.62            | 19.2                     | 509     | 19150    | 0.62            | 26.9                     | 520     |
| 18779    | 0.62            | 14.1                     | 498     | 18994    | 0.62            | 19.2                     | 509     | 19481    | 0.62            | 27.1                     | 521     |
| 18715    | 0.62            | 14.2                     | 498     | 19306    | 0.62            | 19.21                    | 509     | 18995    | 0.62            | 27.8                     | 521     |
| 18781    | 0.62            | 14.2                     | 498     | 18826    | 0.62            | 19.3                     | 510     | 19445    | 0.62            | 27.8                     | 521     |
| 18981    | 0.62            | 14.2                     | 499     | 18828    | 0.62            | 19.3                     | 510     | 19004    | 0.62            | 28.6                     | 521     |
| 18769    | 0.62            | 14.3                     | 499     | 18847    | 0.62            | 19.3                     | 510     | 18897    | 0.62            | 29.1                     | 521     |
| 19030    | 0.62            | 14.4                     | 499     | 19034    | 0.62            | 19.5                     | 510     | 19317    | 0.62            | 29.6                     | 521     |
| 19339    | 0.62            | 14.5                     | 499     | 18703    | 0.62            | 19.6                     | 510     | 19337    | 0.62            | 30.1                     | 522     |
| 18773    | 0.62            | 14.7                     | 499     | 18806    | 0.62            | 19.8                     | 510     | 19516    | 0.62            | 30.1                     | 522     |
| 19220    | 0.62            | 14.7                     | 499     | 18851    | 0.62            | 19.8                     | 511     | 18840    | 0.62            | 30.5                     | 522     |
| 19391    | 0.62            | 14.7                     | 499     | 18722    | 0.62            | 19.9                     | 511     | 18945    | 0.62            | 31                       | 522     |
| 18778    | 0.62            | 14.8                     | 499     | 18883    | 0.62            | 19.9                     | 511     | 18156    | 0.62            | 31.4                     | 522     |
| 18780    | 0.62            | 14.8                     | 500     | 18998    | 0.62            | 19.9                     | 511     | 19592    | 0.62            | 31.4                     | 522     |
| 18846    | 0.62            | 14.8                     | 500     | 12058    | 0.62            | 20                       | 511     | 19508    | 0.62            | 31.5                     | 522     |
| 18960    | 0.62            | 14.9                     | 500     | 19095    | 0.62            | 20                       | 511     | 19192    | 0.62            | 32.7                     | 523     |
| 18985    | 0.62            | 14.9                     | 500     | 19323    | 0.62            | 20                       | 511     | 19434    | 0.62            | 33                       | 523     |
| 19572    | 0.62            | 14.9                     | 500     | 18164    | 0.62            | 20.1                     | 512     | 18001    | 0.62            | 34.1                     | 523     |
| 18163    | 0.62            | 15.2                     | 500     | 19015    | 0.62            | 20.1                     | 512     | 18914    | 0.62            | 35                       | 523     |
| 19032    | 0.62            | 15.2                     | 501     | 19587    | 0.62            | 20.1                     | 512     | 19222    | 0.62            | 35.1                     | 523     |
| 18942    | 0.62            | 15.3                     | 501     | 19334    | 0.62            | 20.3                     | 512     | 19341    | 0.62            | 35.5                     | 523     |
| 18704    | 0.62            | 15.4                     | 501     | 18891    | 0.62            | 20.4                     | 512     | 19436    | 0.62            | 35.8                     | 524     |
| 18772    | 0.62            | 15.7                     | 501     | 19493    | 0.62            | 20.4                     | 512     | 18884    | 0.62            | 35.9                     | 524     |
| 18830    | 0.62            | 15.7                     | 501     | 18954    | 0.62            | 20.5                     | 512     | 18917    | 0.62            | 36.5                     | 524     |
| 19529    | 0.62            | 15.8                     | 501     | 18863    | 0.62            | 20.6                     | 513     | 19482    | 0.62            | 37.4                     | 524     |
| 18789    | 0.62            | 15.9                     | 501     | 18944    | 0.62            | 20.6                     | 513     | 18885    | 0.62            | 38.4                     | 524     |
| 18803    | 0.62            | 15.9                     | 502     | 19016    | 0.62            | 20.6                     | 513     | 19511    | 0.62            | 38.9                     | 524     |
| 18875    | 0.62            | 15.9                     | 502     | 19036    | 0.62            | 20.6                     | 513     | 19450    | 0.62            | 39.4                     | 525     |
| 18933    | 0.62            | 15.9                     | 502     | 18900    | 0.62            | 20.7                     | 513     | 19510    | 0.62            | 41.3                     | 525     |
| 18855    | 0.62            | 16                       | 502     | 18969    | 0.62            | 20.8                     | 513     | 18908    | 0.62            | 41.5                     | 525     |
| 18819    | 0.62            | 16.1                     | 502     | 19474    | 0.62            | 20.8                     | 513     | 19452    | 0.62            | 42.3                     | 525     |
| 19389    | 0.62            | 16.1                     | 502     | 18941    | 0.62            | 20.9                     | 514     | 19451    | 0.62            | 42.7                     | 525     |
| 19443    | 0.62            | 16.1                     | 502     | 18986    | 0.62            | 21                       | 514     | 19201    | 0.62            | 44.2                     | 525     |
| 18735    | 0.62            | 16.2                     | 503     | 19477    | 0.62            | 21                       | 514     | 19454    | 0.62            | 44.4                     | 526     |
| 18866    | 0.62            | 16.2                     | 503     | 19473    | 0.62            | 21.3                     | 514     | 19439    | 0.62            | 46.3                     | 526     |
| 18874    | 0.62            | 16.2                     | 503     | 18948    | 0.62            | 21.4                     | 514     | 19455    | 0.62            | 46.4                     | 526     |
| 18820    | 0.62            | 16.3                     | 503     | 19103    | 0.62            | 21.4                     | 514     | 19569    | 0.62            | 46.4                     | 526     |
| 18853    | 0.62            | 16.4                     | 503     | 19499    | 0.62            | 21.4                     | 514     | 19453    | 0.62            | 47.3                     | 526     |
| 18783    | 0.62            | 16.5                     | 503     | 18711    | 0.62            | 21.7                     | 515     | 19570    | 0.62            | 47.7                     | 527     |
| 18831    | 0.62            | 16.6                     | 503     | 18902    | 0.62            | 21.7                     | 515     | 19246    | 0.62            | 48.5                     | 527     |
| 19513    | 0.62            | 16.6                     | 503     | 18877    | 0.62            | 21.8                     | 515     | 21742    | 0.62            | 4.8                      | 3       |
| 18972    | 0.62            | 16.8                     | 504     | 18536    | 0.62            | 21.9                     | 515     | 21739    | 0.62            | 5.7                      | 3       |
| 18850    | 0.62            | 16.9                     | 504     | 18844    | 0.62            | 22                       | 515     | 21862    | 0.62            | 5.7                      | 3       |
| 18899    | 0.62            | 17                       | 504     | 18898    | 0.62            | 22                       | 515     | 20925    | 0.62            | 5.8                      | 3       |
| 18720    | 0.62            | 17.1                     | 504     | 18861    | 0.62            | 22.2                     | 516     | 21738    | 0.62            | 6.6                      | 3       |
| 18973    | 0.62            | 17.2                     | 504     | 18843    | 0.62            | 22.4                     | 516     | 21949    | 0.62            | 6.6                      | 3       |
| 18718    | 0.62            | 17.3                     | 504     | 19001    | 0.62            | 22.4                     | 516     | 21757    | 0.62            | 7.1                      | 3       |
| 18984    | 0.62            | 17.3                     | 504     | 18868    | 0.62            | 22.5                     | 516     | 21309    | 0.62            | 7.6                      | 3       |
| 19423    | 0.62            | 17.4                     | 505     | 19475    | 0.62            | 22.6                     | 516     | 21733    | 0.62            | 9.9                      | 3       |

## Hose Dimensions — Listed in Order by Inside Diameter

| Part No. | Hose I.D. (In.)    | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)           | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)       | Center Line Length (In.) | Row No. |
|----------|--------------------|--------------------------|---------|----------|---------------------------|--------------------------|---------|----------|-----------------------|--------------------------|---------|
| 23334    | 0.62               | 18.2                     | 364     | 18751    | 0.62 X 0.75               | 13.9                     | 537     | 22513    | 0.625 X 0.625 X 0.625 | 25.5                     | 367     |
| 23256    | 0.62               | 22.3                     | 364     | 18745    | 0.62 X 0.75               | 14.3                     | 537     | 22520    | 0.625 X 0.625 X 0.625 | 30.69                    | 367     |
| 23654    | 0.62 X 0.62 X 0.25 | 47.25                    | 364     | 18958    | 0.62 X 0.75               | 15.1                     | 537     | 22521    | 0.625 X 0.625 X 0.625 | 36.59                    | 368     |
| 23257    | 0.62 X 0.62 X 0.62 | 22.8                     | 364     | 19280    | 0.62 X 0.75               | 15.1                     | 538     | 22385    | 0.625 X 0.625 X 0.75  | 15.77                    | 368     |
| 21817    | 0.62 X 0.62 X 0.72 | 51.63                    | 364     | 19523    | 0.62 X 0.75               | 15.2                     | 538     | 24107    | 0.625 X 0.71          | 10.5                     | 4       |
| 22614    | 0.62 X 0.62 X 0.75 | 61.87                    | 365     | 18071    | 0.62 X 0.75               | 15.6                     | 538     | 22540    | 0.625 X 0.73 X 0.625  | 22.18                    | 368     |
| 22613    | 0.62 X 0.62 X 0.75 | 62.04                    | 365     | 18724    | 0.62 X 0.75               | 15.6                     | 538     | 22538    | 0.625 X 0.73 X 0.625  | 23.11                    | 368     |
| 21818    | 0.62 X 0.62 X 1    | 50.25                    | 365     | 19102    | 0.62 X 0.75               | 16.4                     | 538     | 19326    | 0.63                  | 4.3                      | 546     |
| 19442    | 0.62 X 0.68        | 20.2                     | 527     | 19490    | 0.62 X 0.75               | 16.6                     | 538     | 19535    | 0.63                  | 4.9                      | 546     |
| 18755    | 0.62 X 0.69        | 10.1                     | 527     | 18963    | 0.62 X 0.75               | 16.9                     | 538     | 19553    | 0.63                  | 5                        | 546     |
| 18920    | 0.62 X 0.7         | 14.9                     | 527     | 18082    | 0.62 X 0.75               | 18                       | 539     | 18041    | 0.63                  | 6                        | 546     |
| 18993    | 0.62 X 0.7         | 19.1                     | 528     | 19491    | 0.62 X 0.75               | 18.4                     | 539     | 18189    | 0.63                  | 6.3                      | 546     |
| 19116    | 0.62 X 0.71        | 20.2                     | 528     | 19537    | 0.62 X 0.75               | 18.6                     | 539     | 19333    | 0.63                  | 7.1                      | 546     |
| 19089    | 0.62 X 0.71        | 32.7                     | 528     | 19392    | 0.62 X 0.75               | 18.7                     | 539     | 19960    | 0.63                  | 7.2                      | 546     |
| 19020    | 0.62 X 0.72        | 4.8                      | 528     | 18754    | 0.62 X 0.75               | 18.8                     | 539     | 19954    | 0.63                  | 8.1                      | 546     |
| 19022    | 0.62 X 0.72        | 5.2                      | 528     | 18744    | 0.62 X 0.75               | 20.2                     | 539     | 19173    | 0.63                  | 8.3                      | 546     |
| 19019    | 0.62 X 0.72        | 8.1                      | 528     | 18758    | 0.62 X 0.75               | 20.4                     | 540     | 18336    | 0.63                  | 8.7                      | 546     |
| 18903    | 0.62 X 0.72        | 9.9                      | 529     | 19419    | 0.62 X 0.75               | 20.4                     | 540     | 19959    | 0.63                  | 8.75                     | 546     |
| 19593    | 0.62 X 0.72        | 12.4                     | 529     | 18707    | 0.62 X 0.75               | 21.4                     | 540     | 19922    | 0.63                  | 8.8                      | 547     |
| 18952    | 0.62 X 0.72        | 14.2                     | 529     | 18076    | 0.62 X 0.75               | 21.6                     | 540     | 18039    | 0.63                  | 9                        | 547     |
| 19447    | 0.62 X 0.72        | 14.4                     | 529     | 18759    | 0.62 X 0.75               | 21.7                     | 540     | 19376    | 0.63                  | 9                        | 547     |
| 18919    | 0.62 X 0.72        | 14.6                     | 529     | 19476    | 0.62 X 0.75               | 21.8                     | 540     | 19375    | 0.63                  | 9.1                      | 547     |
| 19033    | 0.62 X 0.72        | 14.9                     | 529     | 18764    | 0.62 X 0.75               | 22.3                     | 541     | 18353    | 0.63                  | 9.2                      | 547     |
| 18922    | 0.62 X 0.72        | 15.1                     | 530     | 18757    | 0.62 X 0.75               | 24.1                     | 541     | 19400    | 0.63                  | 9.3                      | 547     |
| 19594    | 0.62 X 0.72        | 16.6                     | 530     | 18762    | 0.62 X 0.75               | 25.4                     | 541     | 18379    | 0.63                  | 9.7                      | 547     |
| 19021    | 0.62 X 0.72        | 17.8                     | 530     | 18072    | 0.62 X 0.75               | 25.6                     | 541     | 19378    | 0.63                  | 9.9                      | 547     |
| 19595    | 0.62 X 0.72        | 19.6                     | 530     | 19889    | 0.62 X 0.75               | 26.3                     | 541     | 18641    | 0.63                  | 10                       | 547     |
| 18747    | 0.62 X 0.72        | 19.8                     | 530     | 18765    | 0.62 X 0.75               | 27.4                     | 541     | 19402    | 0.63                  | 10                       | 547     |
| 19514    | 0.62 X 0.72        | 20.3                     | 530     | 18073    | 0.62 X 0.75               | 27.6                     | 541     | 18043    | 0.63                  | 10.6                     | 548     |
| 18860    | 0.62 X 0.72        | 21.5                     | 531     | 18729    | 0.62 X 0.75               | 28.7                     | 542     | 19165    | 0.63                  | 10.6                     | 548     |
| 19121    | 0.62 X 0.72        | 22.6                     | 531     | 19433    | 0.62 X 0.75               | 30.1                     | 542     | 19380    | 0.63                  | 10.6                     | 548     |
| 18732    | 0.62 X 0.72        | 22.7                     | 531     | 19509    | 0.62 X 0.75               | 32.1                     | 542     | 19174    | 0.63                  | 11.1                     | 548     |
| 18959    | 0.62 X 0.72        | 24.8                     | 531     | 18768    | 0.62 X 0.75               | 33.1                     | 542     | 19399    | 0.63                  | 11.1                     | 548     |
| 19503    | 0.62 X 0.72        | 24.8                     | 531     | 18771    | 0.62 X 0.75               | 33.1                     | 542     | 19267    | 0.63                  | 11.2                     | 548     |
| 19155    | 0.62 X 0.72        | 25                       | 531     | 18924    | 0.62 X 0.75               | 35.5                     | 542     | 18036    | 0.63                  | 11.5                     | 548     |
| 19286    | 0.62 X 0.72        | 26.48                    | 532     | 18083    | 0.62 X 0.75               | 36                       | 542     | 18045    | 0.63                  | 11.5                     | 548     |
| 18915    | 0.62 X 0.72        | 40.9                     | 532     | 18077    | 0.62 X 0.75               | 36.6                     | 543     | 18047    | 0.63                  | 11.5                     | 548     |
| 19154    | 0.62 X 0.72        | 53.3                     | 532     | 18702    | 0.62 X 0.75               | 37.9                     | 543     | 19544    | 0.63                  | 11.5                     | 549     |
| 19596    | 0.62 X 0.73        | 14                       | 532     | 19346    | 0.62 X 0.75               | 39.3                     | 543     | 19530    | 0.63                  | 11.6                     | 549     |
| 19307    | 0.62 X 0.73        | 14.8                     | 532     | 18074    | 0.62 X 0.75               | 39.6                     | 543     | 18575    | 0.63                  | 11.68                    | 549     |
| 19597    | 0.62 X 0.73        | 17.6                     | 532     | 19278    | 0.62 X 0.75               | 40.3                     | 543     | 18008    | 0.63                  | 11.7                     | 549     |
| 18633    | 0.62 X 0.73        | 20.6                     | 532     | 18078    | 0.62 X 0.75               | 41.6                     | 543     | 19379    | 0.63                  | 11.7                     | 549     |
| 19231    | 0.62 X 0.73        | 21                       | 533     | 18084    | 0.62 X 0.75               | 60                       | 543     | 19237    | 0.63                  | 12                       | 549     |
| 18155    | 0.62 X 0.73        | 21.5                     | 533     | 18075    | 0.62 X 0.75               | 63.6                     | 544     | 18048    | 0.63                  | 12.1                     | 549     |
| 19277    | 0.62 X 0.73        | 22.27                    | 533     | 21740    | 0.62 X 0.75               | 5.8                      | 4       | 18624    | 0.63                  | 12.1                     | 549     |
| 19105    | 0.62 X 0.73        | 28.1                     | 533     | 23360    | 0.62 X 0.75               | 13                       | 366     | 19190    | 0.63                  | 12.1                     | 549     |
| 19515    | 0.62 X 0.73        | 31.9                     | 533     | 21515    | 0.62 X 0.75               | 13.9                     | 4       | 12053    | 0.63                  | 12.2                     | 550     |
| 19435    | 0.62 X 0.73        | 33.4                     | 533     | 23335    | 0.62 X 0.75               | 13.9                     | 366     | 19145    | 0.63                  | 12.2                     | 550     |
| 23333    | 0.62 X 0.73        | 12.5                     | 365     | 23710    | 0.62 X 0.75               | 25.2                     | 4       | 19285    | 0.63                  | 12.2                     | 550     |
| 21861    | 0.62 X 0.73        | 14.2                     | 4       | 23189    | 0.62 X 0.75 X 0.75        | 66.9                     | 366     | 18562    | 0.63                  | 12.33                    | 550     |
| 22512    | 0.62 X 0.73 X 0.62 | 9.6                      | 365     | 22946    | 0.62 X 0.75 X 0.75 X 0.75 | 13.1                     | 366     | 18005    | 0.63                  | 12.4                     | 550     |
| 23258    | 0.62 X 0.73 X 0.62 | 12.4                     | 366     | 22947    | 0.62 X 0.75 X 0.75 X 0.75 | 17.6                     | 367     | 18040    | 0.63                  | 12.5                     | 550     |
| 19224    | 0.62 X 0.74        | 21.2                     | 534     | 19348    | 0.62 X 0.76               | 31.8                     | 544     | 18150    | 0.63                  | 12.7                     | 550     |
| 18080    | 0.62 X 0.75        | 6                        | 534     | 18767    | 0.62 X 0.78               | 43.8                     | 544     | 19175    | 0.63                  | 12.8                     | 550     |
| 18740    | 0.62 X 0.75        | 6.2                      | 534     | 18951    | 0.62 X 0.8                | 9.6                      | 544     | 19571    | 0.63                  | 12.8                     | 550     |
| 19444    | 0.62 X 0.75        | 7.7                      | 534     | 18770    | 0.62 X 0.8                | 36.5                     | 544     | 18062    | 0.63                  | 13                       | 551     |
| 18446    | 0.62 X 0.75        | 9.2                      | 534     | 18742    | 0.62 X 0.83               | 8.1                      | 544     | 19236    | 0.63                  | 13                       | 551     |
| 18741    | 0.62 X 0.75        | 9.2                      | 534     | 19184    | 0.62 X 0.83               | 13.8                     | 544     | 19382    | 0.63                  | 13                       | 551     |
| 18746    | 0.62 X 0.75        | 9.2                      | 534     | 18763    | 0.62 X 0.85               | 23.5                     | 545     | 18063    | 0.63                  | 13.1                     | 551     |
| 18070    | 0.62 X 0.75        | 9.6                      | 535     | 19113    | 0.62 X 0.93               | 19.5                     | 545     | 19172    | 0.63                  | 13.2                     | 551     |
| 18079    | 0.62 X 0.75        | 9.6                      | 535     | 22470    | 0.62 X 0.93               | 64.7                     | 367     | 19298    | 0.63                  | 13.2                     | 551     |
| 18743    | 0.62 X 0.75        | 9.8                      | 535     | 18921    | 0.62 X 0.94               | 14.9                     | 545     | 19327    | 0.63                  | 13.2                     | 551     |
| 18749    | 0.62 X 0.75        | 9.9                      | 535     | 21458    | 0.62 X 0.94               | 10.8                     | 4       | 18515    | 0.63                  | 13.3                     | 551     |
| 18725    | 0.62 X 0.75        | 10.1                     | 535     | 18965    | 0.62 X 1                  | 35                       | 545     | 19403    | 0.63                  | 13.3                     | 551     |
| 18739    | 0.62 X 0.75        | 10.3                     | 535     | 19663    | 0.62 X 1                  | 43.3                     | 545     | 19042    | 0.63                  | 13.4                     | 552     |
| 18706    | 0.62 X 0.75        | 11.1                     | 535     | 28466    | 0.625                     | 10                       | 661     | 19221    | 0.63                  | 13.5                     | 552     |
| 19448    | 0.62 X 0.75        | 11.6                     | 536     | 28467    | 0.625                     | 16                       | 661     | 19140    | 0.63                  | 13.7                     | 552     |
| 18723    | 0.62 X 0.75        | 11.9                     | 536     | 19554    | 0.625                     | 18.9                     | 545     | 18581    | 0.63                  | 13.8                     | 552     |
| 18081    | 0.62 X 0.75        | 12                       | 536     | 28468    | 0.625                     | 22                       | 661     | 19291    | 0.63                  | 13.8                     | 552     |
| 19449    | 0.62 X 0.75        | 12.1                     | 536     | 28469    | 0.625                     | 26                       | 661     | 19313    | 0.63                  | 13.8                     | 552     |
| 18752    | 0.62 X 0.75        | 12.3                     | 536     | 28470    | 0.625                     | 28                       | 662     | 19574    | 0.63                  | 13.8                     | 552     |
| 18748    | 0.62 X 0.75        | 12.4                     | 536     | 19546    | 0.625                     | 31.1                     | 545     | 19228    | 0.63                  | 14                       | 552     |
| 18793    | 0.62 X 0.75        | 12.4                     | 536     | 28471    | 0.625                     | 40                       | 662     |          |                       |                          |         |
| 18708    | 0.62 X 0.75        | 12.6                     | 537     | 28472    | 0.625                     | 52                       | 662     |          |                       |                          |         |
| 18750    | 0.62 X 0.75        | 13                       | 537     | 28473    | 0.625                     | 64                       | 662     |          |                       |                          |         |
| 19993    | 0.62 X 0.75        | 13.21                    | 537     |          |                           |                          |         |          |                       |                          |         |
| 19023    | 0.62 X 0.75        | 13.5                     | 537     |          |                           |                          |         |          |                       |                          |         |

## Hose Dimensions — Listed in Order by Inside Diameter

| Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)    | Center Line Length (In.) | Row No. |
|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|----------|--------------------|--------------------------|---------|
| 19358    | 0.63            | 14                       | 553     | 19374    | 0.63            | 18.3                     | 562     | 19966    | 0.63               | 22.6                     | 573     |
| 18007    | 0.63            | 14.1                     | 553     | 19171    | 0.63            | 18.4                     | 562     | 18350    | 0.63               | 22.8                     | 573     |
| 18611    | 0.63            | 14.16                    | 553     | 19371    | 0.63            | 18.4                     | 562     | 19407    | 0.63               | 22.9                     | 573     |
| 18610    | 0.63            | 14.2                     | 553     | 19416    | 0.63            | 18.4                     | 563     | 18561    | 0.63               | 23.1                     | 573     |
| 18028    | 0.63            | 14.3                     | 553     | 19139    | 0.63            | 18.5                     | 563     | 19162    | 0.63               | 23.1                     | 573     |
| 19296    | 0.63            | 14.3                     | 553     | 18556    | 0.63            | 18.6                     | 563     | 18647    | 0.63               | 23.2                     | 574     |
| 19415    | 0.63            | 14.3                     | 553     | 19271    | 0.63            | 18.6                     | 563     | 19357    | 0.63               | 23.4                     | 574     |
| 18053    | 0.63            | 14.4                     | 554     | 18026    | 0.63            | 18.7                     | 563     | 19354    | 0.63               | 23.8                     | 574     |
| 19275    | 0.63            | 14.4                     | 554     | 18563    | 0.63            | 18.71                    | 563     | 18061    | 0.63               | 23.9                     | 574     |
| 19170    | 0.63            | 14.5                     | 554     | 18022    | 0.63            | 18.8                     | 563     | 19144    | 0.63               | 23.9                     | 574     |
| 19363    | 0.63            | 14.5                     | 554     | 18368    | 0.63            | 18.8                     | 563     | 19386    | 0.63               | 23.9                     | 574     |
| 19549    | 0.63            | 14.5                     | 554     | 19364    | 0.63            | 18.8                     | 564     | 18548    | 0.63               | 24                       | 574     |
| 19565    | 0.63            | 14.5                     | 554     | 18560    | 0.63            | 18.9                     | 564     | 19209    | 0.63               | 24.1                     | 575     |
| 19551    | 0.63            | 14.7                     | 554     | 18566    | 0.63            | 18.9                     | 564     | 18060    | 0.63               | 24.4                     | 575     |
| 18589    | 0.63            | 14.8                     | 554     | 19563    | 0.63            | 18.9                     | 564     | 19207    | 0.63               | 24.8                     | 575     |
| 18574    | 0.63            | 14.9                     | 554     | 18386    | 0.63            | 19                       | 564     | 18002    | 0.63               | 24.9                     | 575     |
| 19417    | 0.63            | 14.9                     | 555     | 19314    | 0.63            | 19                       | 564     | 19146    | 0.63               | 25.1                     | 575     |
| 18525    | 0.63            | 14.99                    | 555     | 19968    | 0.63            | 19.06                    | 564     | 19575    | 0.63               | 25.1                     | 575     |
| 19961    | 0.63            | 14.99                    | 555     | 19169    | 0.63            | 19.1                     | 564     | 18557    | 0.63               | 25.2                     | 575     |
| 12052    | 0.63            | 15.1                     | 555     | 19555    | 0.63            | 19.2                     | 565     | 19124    | 0.63               | 25.2                     | 576     |
| 19166    | 0.63            | 15.1                     | 555     | 19135    | 0.63            | 19.4                     | 565     | 18004    | 0.63               | 25.4                     | 576     |
| 19177    | 0.63            | 15.1                     | 555     | 19208    | 0.63            | 19.4                     | 565     | 18636    | 0.63               | 25.7                     | 576     |
| 18625    | 0.63            | 15.2                     | 555     | 19552    | 0.63            | 19.4                     | 565     | 19564    | 0.63               | 25.7                     | 576     |
| 19241    | 0.63            | 15.2                     | 555     | 19138    | 0.63            | 19.6                     | 565     | 19962    | 0.63               | 25.8                     | 576     |
| 19556    | 0.63            | 15.2                     | 555     | 19293    | 0.63            | 19.6                     | 565     | 19353    | 0.63               | 25.9                     | 576     |
| 18087    | 0.63            | 15.3                     | 556     | 19370    | 0.63            | 19.6                     | 565     | 19304    | 0.63               | 26.801                   | 576     |
| 19136    | 0.63            | 15.3                     | 556     | 18526    | 0.63            | 19.7                     | 566     | 19300    | 0.63               | 26.9                     | 577     |
| 19567    | 0.63            | 15.3                     | 556     | 19040    | 0.63            | 19.7                     | 566     | 19329    | 0.63               | 27.2                     | 577     |
| 18023    | 0.63            | 15.4                     | 556     | 19168    | 0.63            | 19.7                     | 566     | 19550    | 0.63               | 27.2                     | 577     |
| 19176    | 0.63            | 15.4                     | 556     | 19227    | 0.63            | 19.7                     | 566     | 19586    | 0.63               | 27.4                     | 577     |
| 19504    | 0.63            | 15.4                     | 556     | 18580    | 0.63            | 19.8                     | 566     | 19398    | 0.63               | 27.5                     | 577     |
| 19269    | 0.63            | 15.5                     | 556     | 19046    | 0.63            | 20                       | 566     | 19559    | 0.63               | 27.8                     | 577     |
| 19295    | 0.63            | 15.5                     | 556     | 19125    | 0.63            | 20                       | 566     | 18351    | 0.63               | 27.9                     | 577     |
| 18088    | 0.63            | 15.6                     | 557     | 19356    | 0.63            | 20                       | 567     | 18646    | 0.63               | 28.1                     | 578     |
| 19270    | 0.63            | 15.6                     | 557     | 19967    | 0.63            | 20                       | 567     | 19396    | 0.63               | 28.3                     | 578     |
| 19367    | 0.63            | 15.6                     | 557     | 19142    | 0.63            | 20.2                     | 567     | 18354    | 0.63               | 28.4                     | 578     |
| 19381    | 0.63            | 15.6                     | 557     | 18038    | 0.63            | 20.3                     | 567     | 19164    | 0.63               | 28.5                     | 578     |
| 19418    | 0.63            | 15.6                     | 557     | 19193    | 0.63            | 20.3                     | 567     | 19589    | 0.63               | 29                       | 578     |
| 18096    | 0.63            | 15.7                     | 557     | 19368    | 0.63            | 20.3                     | 567     | 19141    | 0.63               | 29.4                     | 578     |
| 19167    | 0.63            | 15.7                     | 557     | 19117    | 0.63            | 20.4                     | 567     | 19420    | 0.63               | 29.8                     | 578     |
| 19963    | 0.63            | 15.74                    | 558     | 19582    | 0.63            | 20.5                     | 568     | 19405    | 0.63               | 30.1                     | 579     |
| 18549    | 0.63            | 15.8                     | 558     | 19226    | 0.63            | 20.6                     | 568     | 19299    | 0.63               | 30.5                     | 579     |
| 18654    | 0.63            | 15.8                     | 558     | 19181    | 0.63            | 20.7                     | 568     | 19045    | 0.63               | 31                       | 579     |
| 19071    | 0.63            | 15.8                     | 558     | 19965    | 0.63            | 20.7                     | 568     | 19397    | 0.63               | 31.2                     | 579     |
| 19143    | 0.63            | 16                       | 558     | 18025    | 0.63            | 20.8                     | 568     | 19590    | 0.63               | 31.7                     | 579     |
| 19349    | 0.63            | 16.1                     | 558     | 18046    | 0.63            | 20.8                     | 568     | 19119    | 0.63               | 32                       | 579     |
| 19566    | 0.63            | 16.1                     | 558     | 19292    | 0.63            | 20.8                     | 569     | 19573    | 0.63               | 32.2                     | 579     |
| 19568    | 0.63            | 16.1                     | 558     | 19043    | 0.63            | 20.9                     | 569     | 19118    | 0.63               | 32.3                     | 580     |
| 19294    | 0.63            | 16.3                     | 559     | 19091    | 0.63            | 20.9                     | 569     | 19401    | 0.63               | 32.6                     | 580     |
| 19350    | 0.63            | 16.3                     | 559     | 19092    | 0.63            | 20.9                     | 569     | 18355    | 0.63               | 34.3                     | 580     |
| 19394    | 0.63            | 16.3                     | 559     | 19163    | 0.63            | 20.9                     | 569     | 19198    | 0.63               | 34.4                     | 580     |
| 18029    | 0.63            | 16.4                     | 559     | 19332    | 0.63            | 21.1                     | 569     | 19111    | 0.63               | 34.5                     | 580     |
| 19180    | 0.63            | 16.4                     | 559     | 19362    | 0.63            | 21.1                     | 569     | 19191    | 0.63               | 35                       | 580     |
| 18527    | 0.63            | 16.5                     | 559     | 18059    | 0.63            | 21.2                     | 570     | 19206    | 0.63               | 36.1                     | 580     |
| 19528    | 0.63            | 16.6                     | 559     | 18551    | 0.63            | 21.2                     | 570     | 18506    | 0.63               | 39.9                     | 581     |
| 19377    | 0.63            | 16.8                     | 559     | 19385    | 0.63            | 21.2                     | 570     | 19390    | 0.63               | 40.1                     | 581     |
| 19395    | 0.63            | 16.8                     | 560     | 19581    | 0.63            | 21.2                     | 570     | 19289    | 0.63               | 40.59                    | 581     |
| 18034    | 0.63            | 16.9                     | 560     | 19094    | 0.63            | 21.4                     | 570     | 19196    | 0.63               | 41.9                     | 581     |
| 19149    | 0.63            | 16.9                     | 560     | 19384    | 0.63            | 21.4                     | 570     | 18377    | 0.63               | 42.2                     | 581     |
| 18037    | 0.63            | 17                       | 560     | 19584    | 0.63            | 21.4                     | 570     | 19505    | 0.63               | 44.2                     | 581     |
| 18003    | 0.63            | 17.1                     | 560     | 18378    | 0.63            | 21.5                     | 570     | 19200    | 0.63               | 44.7                     | 582     |
| 19072    | 0.63            | 17.1                     | 560     | 19406    | 0.63            | 21.5                     | 571     | 23854    | 0.63               | 24                       | 4       |
| 19301    | 0.63            | 17.1                     | 560     | 19372    | 0.63            | 21.6                     | 571     | 24178    | 0.63               | 27.2                     | 4       |
| 19557    | 0.63            | 17.4                     | 560     | 19591    | 0.63            | 21.7                     | 571     | 23774    | 0.63               | 43.2                     | 5       |
| 19964    | 0.63            | 17.41                    | 561     | 19312    | 0.63            | 21.8                     | 571     | 23773    | 0.63               | 48.3                     | 5       |
| 18006    | 0.63            | 17.5                     | 561     | 19044    | 0.63            | 22                       | 571     | 23771    | 0.63               | 52.7                     | 5       |
| 19422    | 0.63            | 17.5                     | 561     | 19134    | 0.63            | 22                       | 571     | 19272    | 0.63 X 0.63        | 24.9                     | 582     |
| 19583    | 0.63            | 17.5                     | 561     | 19404    | 0.63            | 22.1                     | 571     | 23931    | 0.63 X 0.63        | 10.75                    | 368     |
| 18380    | 0.63            | 17.6                     | 561     | 19047    | 0.63            | 22.2                     | 572     | 23957    | 0.63 X 0.63        | 14.4                     | 5       |
| 19268    | 0.63            | 17.6                     | 561     | 19585    | 0.63            | 22.2                     | 572     | 23933    | 0.63 X 0.63        | 16                       | 369     |
| 19182    | 0.63            | 18                       | 561     | 18035    | 0.63            | 22.4                     | 572     | 23653    | 0.63 X 0.63 X 0.3  | 33.8                     | 369     |
| 19527    | 0.63            | 18                       | 561     | 19148    | 0.63            | 22.4                     | 572     | 23869    | 0.63 X 0.63 X 0.31 | 48.9                     | 369     |
| 19355    | 0.63            | 18.1                     | 562     | 19558    | 0.63            | 22.4                     | 572     | 23807    | 0.63 X 0.63 X 0.63 | 11                       | 369     |
| 19980    | 0.63            | 18.1                     | 562     | 18588    | 0.63            | 22.5                     | 572     | 23806    | 0.63 X 0.63 X 0.63 | 19.1                     | 370     |
| 19085    | 0.63            | 18.2                     | 562     | 19369    | 0.63            | 22.5                     | 572     | 23594    | 0.63 X 0.63 X 0.63 | 19.9                     | 370     |
| 18550    | 0.63            | 18.3                     | 562     | 19093    | 0.63            | 22.6                     | 573     | 23595    | 0.63 X 0.63 X 0.63 | 23                       | 370     |
| 19147    | 0.63            | 18.3                     | 562     | 19178    | 0.63            | 22.6                     | 573     | 22624    | 0.63 X 0.63 X 0.63 | 38.53                    | 370     |

## Hose Dimensions — Listed in Order by Inside Diameter

| Part No. | Hose I.D. (In.)           | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)    | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)   | Center Line Length (In.) | Row No. |
|----------|---------------------------|--------------------------|---------|----------|--------------------|--------------------------|---------|----------|-------------------|--------------------------|---------|
| 19303    | 0.63 X 0.66               | 24.274                   | 582     | 19051    | 0.63 X 0.94        | 27.1                     | 593     | 19598    | 0.66              | 6.6                      | 604     |
| 23651    | 0.63 X 0.66 X 0.25        | 62.1                     | 371     | 19979    | 0.63 X 0.95        | 23.2                     | 593     | 19488    | 0.66              | 7.1                      | 604     |
| 19542    | 0.63 X 0.7                | 14.7                     | 582     | 19487    | 0.64               | 13.22                    | 594     | 19498    | 0.66              | 12.7                     | 604     |
| 19576    | 0.63 X 0.7                | 21                       | 582     | 18834    | 0.64               | 15.3                     | 594     | 19545    | 0.66              | 13.3                     | 604     |
| 19543    | 0.63 X 0.7                | 21.5                     | 582     | 19290    | 0.64               | 15.6                     | 594     | 19489    | 0.66              | 13.6                     | 604     |
| 19577    | 0.63 X 0.7                | 22.5                     | 582     | 19533    | 0.64               | 19                       | 594     | 19497    | 0.66              | 16.9                     | 604     |
| 18366    | 0.63 X 0.7                | 29.7                     | 583     | 19211    | 0.64               | 19.3                     | 594     | 19311    | 0.66              | 17.8                     | 604     |
| 19156    | 0.63 X 0.71               | 8.4                      | 583     | 19041    | 0.64               | 19.5                     | 594     | 19457    | 0.66              | 18.2                     | 605     |
| 18055    | 0.63 X 0.71               | 13                       | 583     | 18024    | 0.64               | 20.6                     | 594     | 19310    | 0.66              | 18.6                     | 605     |
| 19297    | 0.63 X 0.71               | 14.1                     | 583     | 18027    | 0.64               | 21.8                     | 594     | 19413    | 0.66              | 20.6                     | 605     |
| 19302    | 0.63 X 0.71               | 14.3                     | 583     | 19531    | 0.64               | 21.8                     | 595     | 19486    | 0.66              | 21.859                   | 605     |
| 19098    | 0.63 X 0.71               | 20.3                     | 583     | 19318    | 0.64               | 22                       | 595     | 19414    | 0.66              | 23.8                     | 605     |
| 19160    | 0.63 X 0.71               | 24.2                     | 583     | 19189    | 0.64               | 23.7                     | 595     | 18520    | 0.66 X 0.72       | 12.2                     | 605     |
| 19161    | 0.63 X 0.71               | 24.3                     | 584     | 19534    | 0.64               | 25                       | 595     | 19946    | 0.66 X 0.75       | 11.1                     | 605     |
| 19053    | 0.63 X 0.71               | 27.1                     | 584     | 19321    | 0.64               | 25.7                     | 595     | 12062    | 0.66 X 0.75       | 12                       | 606     |
| 19315    | 0.63 X 0.72               | 11.5                     | 584     | 19532    | 0.64               | 27.5                     | 595     | 19976    | 0.66 X 0.75       | 12.5                     | 606     |
| 12049    | 0.63 X 0.72               | 12.1                     | 584     | 19319    | 0.64               | 28                       | 595     | 19933    | 0.66 X 0.83       | 13.1                     | 606     |
| 18599    | 0.63 X 0.72               | 13.2                     | 584     | 19265    | 0.64               | 28.62                    | 596     | 23760    | 0.67 X 0.7        | 19.2                     | 5       |
| 18614    | 0.63 X 0.72               | 14.1                     | 584     | 18879    | 0.64               | 29.3                     | 596     | 24081    | 0.68              | 28.5                     | 5       |
| 18521    | 0.63 X 0.72               | 15.4                     | 585     | 19197    | 0.64               | 44.9                     | 596     | 19934    | 0.69              | 10.03                    | 606     |
| 18346    | 0.63 X 0.72               | 20.3                     | 585     | 23149    | 0.64 X 0.64 X 0.64 | 14.12                    | 371     | 19935    | 0.69              | 11.98                    | 606     |
| 18365    | 0.63 X 0.72               | 26.9                     | 585     | 19130    | 0.64 X 0.72        | 13.4                     | 596     | 12069    | 0.69 X 0.75       | 9.5                      | 606     |
| 19050    | 0.63 X 0.72               | 29.6                     | 585     | 19129    | 0.64 X 0.72        | 15.2                     | 596     | 19932    | 0.69 X 0.8        | 21.07                    | 606     |
| 19203    | 0.63 X 0.73               | 17.7                     | 585     | 19240    | 0.64 X 0.72        | 21.8                     | 596     | 21724    | 0.69 X 0.81       | 4                        | 5       |
| 19890    | 0.63 X 0.73               | 20.8                     | 585     | 19320    | 0.64 X 0.73        | 24.4                     | 597     | 19874    | 0.69 X 0.84       | 10.9                     | 606     |
| 19199    | 0.63 X 0.73               | 21.67                    | 585     | 19856    | 0.64 X 0.73        | 28.1                     | 597     | 19875    | 0.69 X 0.84       | 15.8                     | 607     |
| 18634    | 0.63 X 0.73               | 27.6                     | 586     | 19232    | 0.64 X 0.74        | 19.9                     | 597     | 12070    | 0.69 X 0.88       | 14.3                     | 607     |
| 19194    | 0.63 X 0.73               | 32.68                    | 586     | 19210    | 0.64 X 0.75        | 15                       | 597     | 12009    | 0.69 X 0.95       | 8.72                     | 607     |
| 19218    | 0.63 X 0.73               | 37.7                     | 586     | 19287    | 0.64 X 0.75        | 22.2                     | 597     | 19984    | 0.7               | 5.7                      | 607     |
| 19336    | 0.63 X 0.74               | 33.9                     | 586     | 19230    | 0.64 X 0.75        | 22.5                     | 597     | 18370    | 0.7               | 6.3                      | 607     |
| 19114    | 0.63 X 0.74               | 35.91                    | 586     | 19463    | 0.65               | 7.6                      | 598     | 19506    | 0.7               | 37.9                     | 607     |
| 19115    | 0.63 X 0.74               | 42.2                     | 586     | 19411    | 0.65               | 9.2                      | 598     | 19507    | 0.7               | 40.3                     | 607     |
| 19441    | 0.63 X 0.75               | 6.6                      | 587     | 19409    | 0.65               | 9.4                      | 598     | 19440    | 0.7               | 52.7                     | 608     |
| 19187    | 0.63 X 0.75               | 9.2                      | 587     | 19431    | 0.65               | 10.2                     | 598     | 23758    | 0.7 X 0.7 X 1     | 21.75                    | 372     |
| 19325    | 0.63 X 0.75               | 9.4                      | 587     | 19520    | 0.65               | 11.2                     | 598     | 19338    | 0.7 X 0.75        | 29.9                     | 608     |
| 19158    | 0.63 X 0.75               | 11.8                     | 587     | 19464    | 0.65               | 12.8                     | 598     | 19702    | 0.7 X 0.8         | 28                       | 608     |
| 18342    | 0.63 X 0.75               | 11.9                     | 587     | 19517    | 0.65               | 13.1                     | 598     | 19547    | 0.7 X 0.82        | 15.8                     | 608     |
| 19179    | 0.63 X 0.75               | 12.5                     | 587     | 19519    | 0.65               | 13.7                     | 598     | 19548    | 0.7 X 0.82        | 17.7                     | 608     |
| 19360    | 0.63 X 0.75               | 12.6                     | 588     | 19471    | 0.65               | 14.1                     | 598     | 18511    | 0.7 X 0.85        | 13.6                     | 608     |
| 19478    | 0.63 X 0.75               | 12.6                     | 588     | 18144    | 0.65               | 14.2                     | 598     | 18512    | 0.7 X 0.85        | 14.7                     | 608     |
| 19188    | 0.63 X 0.75               | 12.8                     | 588     | 19410    | 0.65               | 15.1                     | 599     | 19719    | 0.7 X 0.91        | 38.9                     | 609     |
| 19361    | 0.63 X 0.75               | 13.3                     | 588     | 19518    | 0.65               | 15.1                     | 599     | 24165    | 0.7 X 0.98 X 0.93 | 38                       | 372     |
| 19456    | 0.63 X 0.75               | 13.5                     | 588     | 19412    | 0.65               | 15.3                     | 599     | 24167    | 0.7 X 0.98 X 0.98 | 24.5                     | 372     |
| 19352    | 0.63 X 0.75               | 14.4                     | 588     | 18057    | 0.65               | 15.7                     | 599     | 19908    | 0.71              | 11.9                     | 609     |
| 19388    | 0.63 X 0.75               | 14.4                     | 588     | 19151    | 0.65               | 16                       | 599     | 19714    | 0.71              | 13.8                     | 609     |
| 18565    | 0.63 X 0.75               | 14.5                     | 589     | 19264    | 0.65               | 16.87                    | 599     | 19911    | 0.71              | 20.4                     | 609     |
| 19387    | 0.63 X 0.75               | 14.6                     | 589     | 19468    | 0.65               | 18                       | 599     | 19707    | 0.71              | 23.8                     | 609     |
| 18564    | 0.63 X 0.75               | 17.4                     | 589     | 19345    | 0.65               | 20.1                     | 599     | 24122    | 0.71 X 0.87       | 8.19                     | 6       |
| 19157    | 0.63 X 0.75               | 18.5                     | 589     | 19469    | 0.65               | 20.6                     | 600     | 19661    | 0.72              | 4.3                      | 609     |
| 18508    | 0.63 X 0.75               | 20.3                     | 589     | 19466    | 0.65               | 20.8                     | 600     | 19658    | 0.72              | 6.8                      | 609     |
| 19344    | 0.63 X 0.75               | 20.5                     | 589     | 19470    | 0.65               | 20.9                     | 600     | 19607    | 0.72              | 7.1                      | 609     |
| 18344    | 0.63 X 0.75               | 21.8                     | 589     | 19502    | 0.65               | 21.5                     | 600     | 19736    | 0.72              | 7.5                      | 610     |
| 18514    | 0.63 X 0.75               | 22                       | 590     | 19427    | 0.65               | 22.1                     | 600     | 19737    | 0.72              | 7.7                      | 610     |
| 19351    | 0.63 X 0.75               | 24                       | 590     | 19521    | 0.65               | 22.1                     | 600     | 18661    | 0.72              | 7.8                      | 610     |
| 19393    | 0.63 X 0.75               | 24.4                     | 590     | 19459    | 0.65               | 22.6                     | 600     | 19738    | 0.72              | 8.5                      | 610     |
| 18645    | 0.63 X 0.75               | 25                       | 590     | 19467    | 0.65               | 22.6                     | 600     | 19742    | 0.72              | 9                        | 610     |
| 19461    | 0.63 X 0.75               | 26.5                     | 590     | 19522    | 0.65               | 22.8                     | 601     | 19739    | 0.72              | 9.5                      | 610     |
| 19408    | 0.63 X 0.75               | 26.6                     | 590     | 19472    | 0.65               | 23.3                     | 601     | 19907    | 0.72              | 9.5                      | 610     |
| 19539    | 0.63 X 0.75               | 27                       | 590     | 18635    | 0.65               | 24.69                    | 601     | 19685    | 0.72              | 10.6                     | 610     |
| 19383    | 0.63 X 0.75               | 27.2                     | 591     | 19501    | 0.65               | 25.5                     | 601     | 19621    | 0.72              | 11.1                     | 610     |
| 19541    | 0.63 X 0.75               | 27.2                     | 591     | 19432    | 0.65               | 26.8                     | 601     | 19717    | 0.72              | 11.6                     | 610     |
| 18505    | 0.63 X 0.75               | 28.4                     | 591     | 19426    | 0.65               | 27.4                     | 601     | 19689    | 0.72              | 12.4                     | 611     |
| 19536    | 0.63 X 0.75               | 29                       | 591     | 19428    | 0.65               | 28.1                     | 601     | 19690    | 0.72              | 12.4                     | 611     |
| 19101    | 0.63 X 0.75               | 29.1                     | 591     | 19462    | 0.65               | 28.4                     | 602     | 19659    | 0.72              | 12.7                     | 611     |
| 19460    | 0.63 X 0.75               | 29.2                     | 592     | 18381    | 0.65               | 28.6                     | 602     | 19724    | 0.72              | 12.7                     | 611     |
| 19223    | 0.63 X 0.75               | 29.5                     | 592     | 19458    | 0.65               | 28.9                     | 602     | 19688    | 0.72              | 13.5                     | 611     |
| 18530    | 0.63 X 0.75               | 30.4                     | 592     | 19430    | 0.65               | 29.8                     | 602     | 19673    | 0.72              | 13.6                     | 611     |
| 19185    | 0.63 X 0.75               | 31.1                     | 592     | 19429    | 0.65               | 38.3                     | 602     | 19741    | 0.72              | 13.7                     | 611     |
| 19186    | 0.63 X 0.75               | 34.4                     | 592     | 19465    | 0.65               | 56                       | 602     | 19691    | 0.72              | 14.2                     | 611     |
| 19538    | 0.63 X 0.75               | 36.8                     | 592     | 19526    | 0.65 X 0.7         | 13.2                     | 603     | 19695    | 0.72              | 14.7                     | 612     |
| 19421    | 0.63 X 0.75               | 38.6                     | 593     | 18538    | 0.65 X 0.7         | 14.06                    | 603     | 19747    | 0.72              | 14.7                     | 612     |
| 23593    | 0.63 X 0.75 X 0.75        | 31.7                     | 371     | 19525    | 0.65 X 0.7         | 15.4                     | 603     | 19733    | 0.72              | 15.1                     | 612     |
| 23739    | 0.63 X 0.92 X 0.51 X 0.73 | 29.25                    | 371     | 19335    | 0.65 X 0.73        | 27.2                     | 603     | 19666    | 0.72              | 15.2                     | 612     |
|          |                           |                          |         | 18513    | 0.65 X 0.75        | 20.7                     | 603     | 19687    | 0.72              | 15.2                     | 612     |
| 19159    | 0.63 X 0.94               | 17.3                     | 593     | 19343    | 0.65 X 0.77        | 15.1                     | 603     | 19692    | 0.72              | 15.3                     | 612     |
| 19219    | 0.63 X 0.94               | 20.9                     | 593     | 19479    | 0.65 X 0.85        | 10.1                     | 603     | 19684    | 0.72              | 15.5                     | 613     |
| 19052    | 0.63 X 0.94               | 24.7                     | 593     | 19480    | 0.65 X 0.85        | 13.3                     | 604     | 18585    | 0.72              | 15.9                     | 613     |

## Hose Dimensions — Listed in Order by Inside Diameter

| Part No. | Hose I.D. (In.)    | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. |
|----------|--------------------|--------------------------|---------|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|
| 18615    | 0.72               | 15.9                     | 613     | 19816    | 0.73            | 19.1                     | 622     | 19990    | 0.75            | 11.77                    | 631     |
| 19653    | 0.72               | 16.4                     | 613     | 19906    | 0.73            | 19.5                     | 622     | 18627    | 0.75            | 11.8                     | 631     |
| 19683    | 0.72               | 16.4                     | 613     | 19778    | 0.73            | 20.5                     | 623     | 19705    | 0.75            | 11.9                     | 631     |
| 19626    | 0.72               | 16.8                     | 613     | 19860    | 0.73            | 21.3                     | 623     | 19619    | 0.75            | 12.3                     | 632     |
| 18347    | 0.72               | 16.9                     | 613     | 19900    | 0.73            | 26.5                     | 623     | 19708    | 0.75            | 12.3                     | 632     |
| 19639    | 0.72               | 16.9                     | 614     | 19898    | 0.73            | 28.4                     | 623     | 18544    | 0.75            | 12.6                     | 632     |
| 19650    | 0.72               | 17.1                     | 614     | 19897    | 0.73            | 28.6                     | 623     | 18545    | 0.75            | 12.6                     | 632     |
| 18534    | 0.72               | 17.24                    | 614     | 19901    | 0.73            | 28.9                     | 623     | 19617    | 0.75            | 12.6                     | 632     |
| 19722    | 0.72               | 17.5                     | 614     | 19896    | 0.73            | 30.2                     | 623     | 19604    | 0.75            | 12.7                     | 632     |
| 19674    | 0.72               | 17.8                     | 614     | 19899    | 0.73            | 31.1                     | 624     | 19845    | 0.75            | 12.7                     | 632     |
| 19734    | 0.72               | 18.3                     | 614     | 19902    | 0.73            | 31.2                     | 624     | 19842    | 0.75            | 12.8                     | 633     |
| 19238    | 0.72               | 18.6                     | 614     | 19814    | 0.73            | 34.5                     | 624     | 19622    | 0.75            | 13                       | 633     |
| 19916    | 0.72               | 18.6                     | 614     | 19813    | 0.73            | 35.5                     | 624     | 18616    | 0.75            | 13.3                     | 633     |
| 12066    | 0.72               | 18.7                     | 615     | 21860    | 0.73            | 15.4                     | 6       | 18598    | 0.75            | 13.5                     | 633     |
| 19675    | 0.72               | 18.8                     | 615     | 23711    | 0.73 X 0.73     | 20                       | 373     | 19601    | 0.75            | 13.5                     | 633     |
| 19694    | 0.72               | 18.8                     | 615     | 23709    | 0.73 X 0.73     | 20.3                     | 373     | 19636    | 0.75            | 13.5                     | 633     |
| 19912    | 0.72               | 18.8                     | 615     | 23797    | 0.73 X 0.73     | 42                       | 373     | 19745    | 0.75            | 13.5                     | 633     |
| 19696    | 0.72               | 19.1                     | 615     | 19969    | 0.73 X 0.75     | 11.75                    | 624     | 19620    | 0.75            | 13.6                     | 633     |
| 19723    | 0.72               | 19.1                     | 615     | 19971    | 0.73 X 0.9      | 21                       | 624     | 19633    | 0.75            | 13.6                     | 634     |
| 19731    | 0.72               | 19.1                     | 615     | 19805    | 0.73 X 0.95     | 22.75                    | 624     | 19850    | 0.75            | 13.6                     | 634     |
| 19081    | 0.72               | 19.9                     | 616     | 19888    | 0.73 X 0.97     | 29.5                     | 625     | 18584    | 0.75            | 13.7                     | 634     |
| 19725    | 0.72               | 19.9                     | 616     | 19676    | 0.73 X 0.98     | 16.7                     | 625     | 19750    | 0.75            | 13.7                     | 634     |
| 19697    | 0.72               | 20.4                     | 616     | 18161    | 0.74            | 4.8                      | 625     | 19879    | 0.75            | 13.8                     | 634     |
| 19660    | 0.72               | 21.7                     | 616     | 18142    | 0.74            | 5.7                      | 625     | 19665    | 0.75            | 13.9                     | 634     |
| 19746    | 0.72               | 22.6                     | 616     | 19713    | 0.74            | 9.5                      | 625     | 12041    | 0.75            | 13.94                    | 634     |
| 18345    | 0.72               | 23.2                     | 616     | 19727    | 0.74            | 11.6                     | 625     | 18151    | 0.75            | 14                       | 634     |
| 19657    | 0.72               | 23.9                     | 616     | 19870    | 0.74            | 16.8                     | 625     | 19821    | 0.75            | 14                       | 634     |
| 19917    | 0.72               | 24.2                     | 617     | 19858    | 0.74            | 17                       | 625     | 18603    | 0.75            | 14.01                    | 635     |
| 19921    | 0.72               | 25                       | 617     | 19913    | 0.74            | 17.7                     | 625     | 19764    | 0.75            | 14.4                     | 635     |
| 18535    | 0.72               | 27.9                     | 617     | 19704    | 0.74            | 17.8                     | 626     | 19836    | 0.75            | 14.5                     | 635     |
| 18196    | 0.72               | 29.3                     | 617     | 19869    | 0.74            | 18.1                     | 626     | 18600    | 0.75            | 14.67                    | 635     |
| 18523    | 0.72               | 30.5                     | 617     | 19781    | 0.74            | 19.2                     | 626     | 19848    | 0.75            | 14.8                     | 635     |
| 19776    | 0.72               | 31.7                     | 617     | 19703    | 0.74            | 19.3                     | 626     | 19861    | 0.75            | 15                       | 635     |
| 19039    | 0.72               | 32.9                     | 617     | 19771    | 0.74            | 19.4                     | 626     | 19810    | 0.75            | 15.2                     | 636     |
| 19656    | 0.72               | 39                       | 617     | 19780    | 0.74            | 20.3                     | 626     | 19645    | 0.75            | 15.3                     | 636     |
| 19767    | 0.72               | 41.3                     | 618     | 19914    | 0.74            | 21.5                     | 627     | 18587    | 0.75            | 15.6                     | 636     |
| 19757    | 0.72               | 43.8                     | 618     | 19699    | 0.74            | 21.8                     | 627     | 19610    | 0.75            | 15.6                     | 636     |
| 21950    | 0.72               | 7.6                      | 6       | 19762    | 0.74            | 26.5                     | 627     | 18068    | 0.75            | 15.7                     | 636     |
| 18390    | 0.72 X 0.59        | 27.93                    | 618     | 19761    | 0.74            | 30.7                     | 627     | 18194    | 0.75            | 15.8                     | 636     |
| 19202    | 0.72 X 0.62        | 43.6                     | 618     | 19783    | 0.74            | 35.7                     | 627     | 28475    | 0.75            | 16                       | 662     |
| 22924    | 0.72 X 0.64 X 0.64 | 16.1                     | 372     | 19891    | 0.74 X 0.62     | 20.2                     | 627     | 19638    | 0.75            | 16.1                     | 636     |
| 23492    | 0.72 X 0.72        | 17.5                     | 372     | 19838    | 0.74 X 0.79     | 16.4                     | 627     | 18507    | 0.75            | 16.2                     | 636     |
| 22570    | 0.72 X 0.72 X 0.38 | 30.88                    | 373     | 19777    | 0.74 X 0.93     | 17.7                     | 628     | 19635    | 0.75            | 16.4                     | 637     |
| 19939    | 0.72 X 0.78        | 15.09                    | 618     | 19779    | 0.74 X 0.99     | 12.7                     | 628     | 19710    | 0.75            | 16.4                     | 637     |
| 19915    | 0.72 X 0.84        | 17.7                     | 618     | 19782    | 0.74 X 0.99     | 15.6                     | 628     | 19640    | 0.75            | 16.5                     | 637     |
| 19679    | 0.72 X 0.85        | 3                        | 618     | 19825    | 0.74 X 1.01     | 14.2                     | 628     | 19652    | 0.75            | 16.5                     | 637     |
| 19977    | 0.72 X 0.85        | 18.1                     | 619     | 12015    | 0.75            | 4.2                      | 628     | 19751    | 0.75            | 16.5                     | 637     |
| 19743    | 0.72 X 0.92        | 13                       | 619     | 18617    | 0.75            | 5.91                     | 628     | 19754    | 0.75            | 16.7                     | 637     |
| 19945    | 0.72 X 0.96        | 7.6                      | 619     | 18698    | 0.75            | 6.06                     | 628     | 18343    | 0.75            | 16.8                     | 637     |
| 19768    | 0.73               | 8.1                      | 619     | 12006    | 0.75            | 6.2                      | 628     | 18626    | 0.75            | 16.8                     | 637     |
| 19718    | 0.73               | 8.9                      | 619     | 12040    | 0.75            | 6.45                     | 628     | 19744    | 0.75            | 16.8                     | 638     |
| 19769    | 0.73               | 9                        | 619     | 19671    | 0.75            | 6.6                      | 629     | 19823    | 0.75            | 16.8                     | 638     |
| 19728    | 0.73               | 9.1                      | 619     | 19670    | 0.75            | 6.9                      | 629     | 19843    | 0.75            | 16.8                     | 638     |
| 19808    | 0.73               | 9.32                     | 619     | 19753    | 0.75            | 7                        | 629     | 19608    | 0.75            | 16.9                     | 638     |
| 19909    | 0.73               | 9.8                      | 620     | 18546    | 0.75            | 7.7                      | 629     | 18058    | 0.75            | 17.1                     | 638     |
| 19822    | 0.73               | 10.1                     | 620     | 19603    | 0.75            | 7.9                      | 629     | 18157    | 0.75            | 17.2                     | 638     |
| 19770    | 0.73               | 10.3                     | 620     | 19920    | 0.75            | 8.2                      | 629     | 19800    | 0.75            | 17.24                    | 638     |
| 19729    | 0.73               | 10.5                     | 620     | 19749    | 0.75            | 8.4                      | 629     | 19826    | 0.75            | 17.4                     | 638     |
| 18642    | 0.73               | 11.6                     | 620     | 19847    | 0.75            | 8.6                      | 629     | 19623    | 0.75            | 17.5                     | 639     |
| 19910    | 0.73               | 11.9                     | 620     | 19884    | 0.75            | 9.4                      | 629     | 19819    | 0.75            | 17.8                     | 639     |
| 19893    | 0.73               | 12.2                     | 620     | 19995    | 0.75            | 9.57                     | 629     | 19766    | 0.75            | 17.9                     | 639     |
| 19807    | 0.73               | 12.53                    | 620     | 18509    | 0.75            | 9.6                      | 630     | 19662    | 0.75            | 18                       | 639     |
| 19904    | 0.73               | 13.8                     | 620     | 19942    | 0.75            | 9.78                     | 630     | 19624    | 0.75            | 18.1                     | 639     |
| 19905    | 0.73               | 14                       | 621     | 19988    | 0.75            | 10                       | 630     | 19630    | 0.75            | 18.2                     | 639     |
| 19873    | 0.73               | 14.8                     | 621     | 28474    | 0.75            | 10                       | 662     | 19811    | 0.75            | 18.2                     | 639     |
| 19815    | 0.73               | 14.9                     | 621     | 19991    | 0.75            | 10.3                     | 630     | 19831    | 0.75            | 18.2                     | 639     |
| 18644    | 0.73               | 15.2                     | 621     | 19806    | 0.75            | 10.51                    | 630     | 19631    | 0.75            | 18.4                     | 640     |
| 19872    | 0.73               | 15.2                     | 621     | 19625    | 0.75            | 10.6                     | 630     | 19712    | 0.75            | 18.8                     | 640     |
| 19894    | 0.73               | 15.9                     | 621     | 19672    | 0.75            | 10.7                     | 630     | 19840    | 0.75            | 19                       | 640     |
| 19895    | 0.73               | 15.9                     | 621     | 19871    | 0.75            | 10.8                     | 630     | 19841    | 0.75            | 19                       | 640     |
| 19760    | 0.73               | 16.4                     | 621     | 19918    | 0.75            | 10.8                     | 630     | 19854    | 0.75            | 19.2                     | 640     |
| 18643    | 0.73               | 16.7                     | 621     | 19943    | 0.75            | 10.9                     | 631     | 19752    | 0.75            | 19.4                     | 640     |
| 19824    | 0.73               | 16.7                     | 622     | 19600    | 0.75            | 11                       | 631     | 19628    | 0.75            | 19.8                     | 641     |
| 19903    | 0.73               | 16.8                     | 622     | 19878    | 0.75            | 11.4                     | 631     | 19820    | 0.75            | 19.9                     | 641     |
| 19612    | 0.73               | 17.9                     | 622     | 18583    | 0.75            | 11.5                     | 631     | 19829    | 0.75            | 20                       | 641     |
| 19892    | 0.73               | 18.7                     | 622     | 19606    | 0.75            | 11.6                     | 631     | 19629    | 0.75            | 20.1                     | 641     |
| 19773    | 0.73               | 19.1                     | 622     | 19859    | 0.75            | 11.7                     | 631     | 19614    | 0.75            | 20.4                     | 641     |

## Hose Dimensions — Listed in Order by Inside Diameter

| Part No. | Hose I.D. (In.)           | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)           | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)           | Center Line Length (In.) | Row No. |
|----------|---------------------------|--------------------------|---------|----------|---------------------------|--------------------------|---------|----------|---------------------------|--------------------------|---------|
| 19627    | 0.75                      | 20.4                     | 641     | 19852    | 0.75 X 0.82               | 17                       | 649     | 19605    | 0.8                       | 9.4                      | 658     |
| 19774    | 0.75                      | 20.4                     | 641     | 18092    | 0.75 X 0.83               | 10.5                     | 649     | 19827    | 0.8                       | 25                       | 658     |
| 18067    | 0.75                      | 20.5                     | 642     | 20625    | 0.75 X 0.84               | 10.2                     | 7       | 20333    | 0.8                       | 6.9                      | 8       |
| 19830    | 0.75                      | 20.6                     | 642     | 18604    | 0.75 X 0.85               | 13                       | 649     | 19981    | 0.8 X 0.94                | 36.5                     | 658     |
| 19853    | 0.75                      | 20.6                     | 642     | 18593    | 0.75 X 0.85               | 13.3                     | 649     | 19975    | 0.8 X 1                   | 34.9                     | 658     |
| 19886    | 0.75                      | 20.6                     | 642     | 18528    | 0.75 X 0.85               | 13.89                    | 649     | 21380    | 0.81                      | 6.8                      | 8       |
| 19602    | 0.75                      | 20.8                     | 642     | 18595    | 0.75 X 0.85               | 14.8                     | 650     | 19973    | 0.81 X 0.83               | 58                       | 658     |
| 19611    | 0.75                      | 20.9                     | 642     | 18517    | 0.75 X 0.85               | 15.04                    | 650     | 21381    | 0.81 X 1                  | 8.1                      | 8       |
| 18145    | 0.75                      | 21                       | 642     | 18612    | 0.75 X 0.85               | 15.37                    | 650     | 19863    | 0.82                      | 33.9                     | 658     |
| 19758    | 0.75                      | 21.3                     | 643     | 18518    | 0.75 X 0.85               | 15.8                     | 650     | 23268    | 0.83 X 0.76 X 0.29        | 34.6                     | 376     |
| 19864    | 0.75                      | 21.6                     | 643     | 18602    | 0.75 X 0.87               | 14.3                     | 650     | 24103    | 0.85                      | 20.75                    | 8       |
| 19632    | 0.75                      | 21.7                     | 643     | 18382    | 0.75 X 0.88               | 16.5                     | 650     | 24128    | 0.85                      | 25.25                    | 8       |
| 19885    | 0.75                      | 21.7                     | 643     | 12023    | 0.75 X 0.9                | 19.46                    | 650     | 12007    | 0.85 X 0.7                | 12.33                    | 659     |
| 28476    | 0.75                      | 22                       | 662     | 12029    | 0.75 X 0.92               | 26.9                     | 651     | 21746    | 0.87                      | 6.3                      | 8       |
| 19641    | 0.75                      | 22.1                     | 643     | 12003    | 0.75 X 0.93               | 13.88                    | 651     | 19802    | 0.87 X 1                  | 5.1                      | 659     |
| 19748    | 0.75                      | 22.5                     | 643     | 19987    | 0.75 X 0.94               | 4.8                      | 651     | 19953    | 0.88                      | 54.2                     | 659     |
| 19775    | 0.75                      | 22.5                     | 643     | 18065    | 0.75 X 0.94               | 8.9                      | 651     | 21222    | 0.88                      | 5.8                      | 8       |
| 19844    | 0.75                      | 22.5                     | 644     | 18066    | 0.75 X 0.94               | 10.2                     | 651     | 12035    | 0.88 X 0.91               | 51.3                     | 659     |
| 19609    | 0.75                      | 22.6                     | 644     | 12025    | 0.75 X 0.94               | 18.3                     | 651     | 19868    | 0.88 X 1.05               | 23                       | 659     |
| 19857    | 0.75                      | 22.6                     | 644     | 12027    | 0.75 X 0.94               | 20.31                    | 651     | 19867    | 0.88 X 1.05               | 23.4                     | 659     |
| 19613    | 0.75                      | 23.1                     | 644     | 19786    | 0.75 X 0.95               | 15.5                     | 652     | 24131    | 0.89 X 0.7 X 0.4 X 0.93   | 29.25                    | 377     |
| 19759    | 0.75                      | 24.3                     | 644     | 19706    | 0.75 X 0.95               | 16.4                     | 652     | 24105    | 0.9                       | 23.5                     | 9       |
| 19849    | 0.75                      | 24.8                     | 644     | 19992    | 0.75 X 0.96               | 5.27                     | 652     | 24130    | 0.9                       | 34.25                    | 9       |
| 19837    | 0.75                      | 25.1                     | 644     | 12018    | 0.75 X 0.96               | 13.13                    | 652     | 24129    | 0.9                       | 69                       | 9       |
| 19919    | 0.75                      | 25.3                     | 645     | 19948    | 0.75 X 0.96               | 15.6                     | 652     | 19866    | 0.9 X 1.2                 | 20.1                     | 660     |
| 19644    | 0.75                      | 25.7                     | 645     | 19952    | 0.75 X 0.96               | 28.74                    | 652     | 18147    | 0.92                      | 4.2                      | 660     |
| 19832    | 0.75                      | 26.4                     | 645     | 22601    | 0.75 X 0.96 X 0.61        | 12.8                     | 375     | 20802    | 0.92                      | 7.2                      | 9       |
| 19882    | 0.75                      | 26.4                     | 645     | 19978    | 0.75 X 0.98               | 19.4                     | 652     | 24121    | 0.92 X 0.92 X 0.6         | 13.25                    | 377     |
| 18388    | 0.75                      | 26.7                     | 645     | 12037    | 0.75 X 0.98               | 29.1                     | 653     | 22038    | 0.94                      | 4.5                      | 9       |
| 19865    | 0.75                      | 27.1                     | 645     | 12032    | 0.75 X 0.98               | 33.6                     | 653     | 21187    | 0.94                      | 11                       | 9       |
| 19740    | 0.75                      | 27.4                     | 645     | 19986    | 0.75 X 1                  | 13.65                    | 653     | 22217    | 0.95                      | 36.7                     | 9       |
| 19772    | 0.75                      | 27.4                     | 646     | 19726    | 0.75 X 1                  | 27.3                     | 653     | 12010    | 0.95 X 0.75               | 5.5                      | 660     |
| 19877    | 0.75                      | 27.6                     | 646     | 20906    | 0.75 X 1                  | 9.2                      | 7       | 24119    | 0.95 X 0.95 X 0.6         | 13                       | 377     |
| 18524    | 0.75                      | 27.76                    | 646     | 23385    | 0.75 X 1 X 0.75           | 29.9                     | 376     | 23823    | 0.96                      | 14.5                     | 9       |
| 28477    | 0.75                      | 28                       | 662     | 19796    | 0.76                      | 5.1                      | 653     | 24164    | 0.96 X 0.96 X 0.71        | 16                       | 377     |
| 19876    | 0.75                      | 28.8                     | 646     | 19834    | 0.76                      | 9.4                      | 653     | 21517    | 0.97                      | 14.3                     | 10      |
| 19862    | 0.75                      | 30.9                     | 646     | 19784    | 0.76                      | 9.8                      | 653     | 23657    | 0.97                      | 21.8                     | 10      |
| 19846    | 0.75                      | 32                       | 646     | 19795    | 0.76                      | 9.9                      | 653     | 23627    | 0.97 X 0.78 X 0.31 X 0.31 | 19.25                    | 377     |
| 28478    | 0.75                      | 32                       | 662     | 19785    | 0.76                      | 11.1                     | 654     | 20556    | 0.98                      | 10.1                     | 10      |
| 19682    | 0.75                      | 32.5                     | 646     | 19799    | 0.76                      | 13.2                     | 654     | 23759    | 0.98                      | 14.625                   | 10      |
| 19881    | 0.75                      | 33.7                     | 647     | 19709    | 0.76                      | 13.6                     | 654     | 22953    | 0.99                      | 19.3                     | 378     |
| 18389    | 0.75                      | 34.3                     | 647     | 19817    | 0.76                      | 15.2                     | 654     | 19812    | 1                         | 32.67                    | 660     |
| 19755    | 0.75                      | 34.6                     | 647     | 19711    | 0.76                      | 15.3                     | 654     | 22210    | 1                         | 5                        | 10      |
| 19880    | 0.75                      | 35.2                     | 647     | 19793    | 0.76                      | 17.6                     | 654     | 22519    | 1                         | 5.8                      | 10      |
| 19756    | 0.75                      | 36.4                     | 647     | 19789    | 0.76                      | 17.7                     | 654     | 22199    | 1                         | 6.2                      | 10      |
| 19883    | 0.75                      | 36.5                     | 647     | 19788    | 0.76                      | 18.3                     | 655     | 20693    | 1                         | 6.5                      | 10      |
| 19616    | 0.75                      | 36.6                     | 647     | 19818    | 0.76                      | 19.9                     | 655     | 22115    | 1                         | 7                        | 10      |
| 19765    | 0.75                      | 37.9                     | 648     | 19790    | 0.76                      | 20.13                    | 655     | 20566    | 1                         | 8.1                      | 10      |
| 19839    | 0.75                      | 38.1                     | 648     | 19833    | 0.76                      | 20.3                     | 655     | 20568    | 1                         | 8.5                      | 11      |
| 19615    | 0.75                      | 40                       | 648     | 19763    | 0.76                      | 20.7                     | 655     | 20777    | 1                         | 9.6                      | 11      |
| 28479    | 0.75                      | 40                       | 662     | 19797    | 0.76                      | 22                       | 655     | 20782    | 1                         | 9.8                      | 11      |
| 28480    | 0.75                      | 52                       | 662     | 19787    | 0.76                      | 24                       | 656     | 20781    | 1                         | 10                       | 11      |
| 28481    | 0.75                      | 64                       | 663     | 19791    | 0.76                      | 24.9                     | 656     | 20565    | 1                         | 10.5                     | 11      |
| 20618    | 0.75                      | 4.9                      | 6       | 23825    | 0.76                      | 11                       | 7       | 23573    | 1                         | 10.6                     | 11      |
| 20976    | 0.75                      | 5.7                      | 6       | 24156    | 0.76                      | 13.25                    | 7       | 21030    | 1                         | 10.8                     | 11      |
| 23336    | 0.75                      | 13                       | 373     | 18093    | 0.76 X 0.83               | 8.8                      | 656     | 20567    | 1                         | 11.6                     | 11      |
| 24106    | 0.75                      | 16.25                    | 6       | 19938    | 0.76 X 0.93               | 11.75                    | 656     | 21008    | 1                         | 11.8                     | 11      |
| 24157    | 0.75                      | 16.5                     | 6       | 18640    | 0.76 X 0.95               | 24.7                     | 656     | 21227    | 1                         | 12                       | 12      |
| 23555    | 0.75                      | 19.2                     | 6       | 19794    | 0.76 X 0.96               | 7.8                      | 656     | 20775    | 1                         | 12.4                     | 12      |
| 23740    | 0.75                      | 28.4                     | 7       | 19792    | 0.76 X 0.96               | 11.3                     | 656     | 21279    | 1                         | 13.4                     | 12      |
| 12024    | 0.75 X 0.59               | 16.01                    | 648     | 19798    | 0.76 X 0.96               | 17.8                     | 657     | 23571    | 1                         | 13.8                     | 12      |
| 12001    | 0.75 X 0.6                | 10.42                    | 648     | 19803    | 0.77                      | 11.5                     | 657     | 21488    | 1                         | 14                       | 12      |
| 24161    | 0.75 X 0.61 X 0.75        | 22                       | 374     | 19700    | 0.77                      | 11.6                     | 657     | 21029    | 1                         | 16.6                     | 12      |
| 12005    | 0.75 X 0.62               | 6.43                     | 648     | 19887    | 0.77                      | 19.5                     | 657     | 23010    | 1                         | 17.9                     | 12      |
| 18148    | 0.75 X 0.62               | 25                       | 648     | 19701    | 0.77                      | 33.4                     | 657     | 21057    | 1                         | 18.1                     | 12      |
| 12004    | 0.75 X 0.7                | 6.86                     | 649     | 19804    | 0.77                      | 34.7                     | 657     | 20894    | 1                         | 18.4                     | 13      |
| 23853    | 0.75 X 0.75 X 0.38        | 21.1                     | 374     | 23925    | 0.77                      | 19.5                     | 7       | 20948    | 1                         | 19                       | 13      |
| 23554    | 0.75 X 0.75 X 0.62        | 38.6                     | 374     | 23927    | 0.77                      | 21                       | 7       | 21056    | 1                         | 19.7                     | 13      |
| 23131    | 0.75 X 0.75 X 0.75        | 8.7                      | 374     | 23923    | 0.77                      | 26.5                     | 7       | 21483    | 1                         | 21.1                     | 13      |
| 23883    | 0.75 X 0.75 X 0.75        | 10.1                     | 374     | 23926    | 0.77                      | 35                       | 8       | 21228    | 1                         | 21.3                     | 13      |
| 22945    | 0.75 X 0.75 X 0.75 X 0.75 | 17.3                     | 375     | 23625    | 0.77 X 0.77 X 0.6         | 21                       | 376     | 20896    | 1                         | 22.2                     | 13      |
|          |                           |                          |         | 19698    | 0.78                      | 33.9                     | 657     | 23011    | 1                         | 24.4                     | 13      |
| 22944    | 0.75 X 0.75 X 0.75 X 0.75 | 18.8                     | 375     | 24160    | 0.78                      | 23.75                    | 8       | 23560    | 1                         | 24.7                     | 14      |
|          |                           |                          |         | 24118    | 0.79 X 0.75 X 0.98 X 0.59 | 5.5                      | 376     | 23855    | 1                         | 24.7                     | 14      |
| 23809    | 0.75 X 0.75 X 0.75 X 0.75 | 29                       | 375     | 12042    | 0.79 X 0.93               | 4.3                      | 657     | 21168    | 1                         | 25.4                     | 14      |
| 19851    | 0.75 X 0.82               | 9.8                      | 649     | 19982    | 0.79 X 0.98               | 25.1                     | 658     |          |                           |                          |         |

## Hose Dimensions — Listed in Order by Inside Diameter

| Part No. | Hose I.D. (In.)           | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. |
|----------|---------------------------|--------------------------|---------|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|
| 21605    | 1                         | 28.5                     | 14      | 22304    | 1.06 X 1.46     | 4.8                      | 23      | 23422    | 1.19            | 13.9                     | 33      |
| 21169    | 1                         | 30                       | 14      | 22518    | 1.08            | 4.5                      | 23      | 23423    | 1.19            | 13.9                     | 33      |
| 22554    | 1 X 0.75 X 0.63 X 0.63    | 19.1                     | 378     | 22458    | 1.08            | 11.9                     | 23      | 22165    | 1.19            | 14.1                     | 33      |
| 23569    | 1 X 1 X 0.75              | 29                       | 378     | 21443    | 1.09            | 13.6                     | 23      | 22322    | 1.19            | 14.3                     | 33      |
| 21824    | 1 X 1.19                  | 6.8                      | 14      | 21779    | 1.09 X 1.14     | 11.7                     | 24      | 22836    | 1.19            | 14.4                     | 33      |
| 22395    | 1 X 1.22                  | 24                       | 14      | 22644    | 1.1             | 15.3                     | 24      | 21608    | 1.19            | 14.6                     | 33      |
| 22394    | 1 X 1.22                  | 24.8                     | 15      | 23290    | 1.11 X 1.25     | 3.1                      | 24      | 21392    | 1.19            | 14.8                     | 34      |
| 21411    | 1 X 1.25                  | 9.7                      | 15      | 21611    | 1.12            | 17.9                     | 24      | 23265    | 1.19            | 14.8                     | 34      |
| 21413    | 1 X 1.25                  | 14.4                     | 15      | 21513    | 1.12            | 18.4                     | 24      | 23831    | 1.19            | 15                       | 34      |
| 21838    | 1 X 1.25                  | 15.2                     | 15      | 21234    | 1.12            | 20.6                     | 24      | 23146    | 1.19            | 15.1                     | 34      |
| 21915    | 1 X 1.25                  | 17.1                     | 15      | 21311    | 1.12 X 1.25     | 18.7                     | 24      | 21670    | 1.19            | 15.5                     | 34      |
| 21478    | 1 X 1.25                  | 17.3                     | 15      | 21268    | 1.12 X 1.25     | 20.4                     | 25      | 22338    | 1.19            | 15.9                     | 34      |
| 21996    | 1 X 1.25                  | 20.9                     | 15      | 21667    | 1.12 X 1.31     | 5.9                      | 25      | 21882    | 1.19            | 16                       | 34      |
| 21743    | 1 X 1.25                  | 33.7                     | 15      | 24182    | 1.13            | 20.9                     | 25      | 21261    | 1.19            | 16.1                     | 34      |
| 23282    | 1 X 1.5                   | 4                        | 16      | 22407    | 1.13 X 1.23     | 18.2                     | 25      | 23945    | 1.19            | 16.42                    | 34      |
| 23181    | 1 X 1.5 X 1.5             | 16.4                     | 378     | 22408    | 1.13 X 1.23     | 34.9                     | 25      | 21586    | 1.19            | 16.8                     | 35      |
| 22239    | 1.02 X 1.26               | 18.4                     | 16      | 20892    | 1.13 X 1.25     | 11.3                     | 25      | 20878    | 1.19            | 17.3                     | 35      |
| 22180    | 1.02 X 1.26 X 0.28 X 1.21 | 22.2                     | 378     | 22461    | 1.14 X 1.24     | 18.1                     | 26      | 23982    | 1.19            | 17.6                     | 35      |
| 23693    | 1.03                      | 10.9                     | 16      | 21709    | 1.15 X 1.25     | 33.4                     | 26      | 21226    | 1.19            | 18.3                     | 35      |
| 21432    | 1.03                      | 11                       | 16      | 22047    | 1.15 X 1.38     | 19.4                     | 26      | 23697    | 1.19            | 18.4                     | 35      |
| 23775    | 1.03                      | 11.1                     | 16      | 22556    | 1.16            | 14.9                     | 26      | 23263    | 1.19            | 18.9                     | 35      |
| 23323    | 1.03                      | 13                       | 16      | 23946    | 1.17            | 10.79                    | 26      | 21952    | 1.19            | 19                       | 35      |
| 23778    | 1.03                      | 13                       | 16      | 22450    | 1.17            | 12.6                     | 26      | 22340    | 1.19            | 19.1                     | 35      |
| 23321    | 1.03                      | 14.1                     | 16      | 21999    | 1.18            | 8.4                      | 26      | 21722    | 1.19            | 19.3                     | 36      |
| 23694    | 1.03                      | 17.6                     | 16      | 23944    | 1.18            | 10.28                    | 27      | 23698    | 1.19            | 19.4                     | 36      |
| 23692    | 1.03                      | 17.8                     | 17      | 23247    | 1.18            | 10.775                   | 27      | 23834    | 1.19            | 19.5                     | 36      |
| 23322    | 1.03                      | 20.5                     | 17      | 23859    | 1.18            | 11.9                     | 27      | 21606    | 1.19            | 19.8                     | 36      |
| 21391    | 1.03                      | 24.3                     | 17      | 22455    | 1.18            | 13                       | 27      | 21883    | 1.19            | 19.8                     | 36      |
| 23691    | 1.03                      | 24.5                     | 17      | 22507    | 1.18            | 13.6                     | 27      | 21607    | 1.19            | 20                       | 36      |
| 23983    | 1.03 X 1.19               | 17.4                     | 17      | 22381    | 1.18            | 14                       | 27      | 21964    | 1.19            | 20                       | 37      |
| 23984    | 1.03 X 1.19               | 18.2                     | 17      | 23791    | 1.18            | 14.8                     | 27      | 22938    | 1.19            | 20.2                     | 37      |
| 22829    | 1.04                      | 10.89                    | 17      | 23861    | 1.18            | 15                       | 27      | 23262    | 1.19            | 20.3                     | 37      |
| 22536    | 1.04                      | 11.7                     | 17      | 23779    | 1.18            | 15.1                     | 27      | 21541    | 1.19            | 20.7                     | 37      |
| 22830    | 1.04                      | 17.1                     | 18      | 23826    | 1.18            | 15.9                     | 27      | 21963    | 1.19            | 21.1                     | 37      |
| 22537    | 1.04                      | 22.3                     | 18      | 21504    | 1.18            | 16.1                     | 28      | 23695    | 1.19            | 21.4                     | 37      |
| 23790    | 1.04                      | 27.8                     | 18      | 22336    | 1.18            | 16.1                     | 28      | 23985    | 1.19            | 21.4                     | 37      |
| 22323    | 1.04                      | 29.9                     | 18      | 23863    | 1.18            | 16.5                     | 28      | 22834    | 1.19            | 21.7                     | 38      |
| 23615    | 1.05                      | 9.3                      | 18      | 23785    | 1.18            | 16.6                     | 28      | 21553    | 1.19            | 23                       | 38      |
| 22355    | 1.05                      | 10.7                     | 18      | 23781    | 1.18            | 17.3                     | 28      | 23827    | 1.19            | 23.4                     | 38      |
| 22063    | 1.05                      | 11.5                     | 18      | 23789    | 1.18            | 17.4                     | 28      | 22163    | 1.19            | 24.3                     | 38      |
| 23835    | 1.05                      | 13.5                     | 18      | 23248    | 1.18            | 17.576                   | 28      | 22939    | 1.19            | 24.4                     | 38      |
| 22208    | 1.05                      | 13.8                     | 19      | 22270    | 1.18            | 17.9                     | 28      | 22164    | 1.19            | 24.7                     | 38      |
| 23617    | 1.05                      | 16.9                     | 19      | 22382    | 1.18            | 17.9                     | 28      | 21163    | 1.19            | 25.4                     | 38      |
| 23174    | 1.05                      | 30.3                     | 19      | 23787    | 1.18            | 18.2                     | 29      | 21920    | 1.19            | 25.4                     | 39      |
| 22479    | 1.05 X 1.3                | 20.1                     | 19      | 22272    | 1.18            | 18.4                     | 29      | 23264    | 1.19            | 25.7                     | 39      |
| 23327    | 1.06                      | 7.5                      | 19      | 23862    | 1.18            | 18.4                     | 29      | 22341    | 1.19            | 26                       | 39      |
| 23743    | 1.06                      | 9.9                      | 19      | 23696    | 1.18            | 18.7                     | 29      | 23833    | 1.19            | 26.8                     | 39      |
| 23255    | 1.06                      | 10.9                     | 19      | 23776    | 1.18            | 18.8                     | 29      | 22960    | 1.19            | 27.1                     | 39      |
| 21404    | 1.06                      | 11.3                     | 19      | 23837    | 1.18            | 19.5                     | 29      | 21871    | 1.19            | 27.6                     | 39      |
| 21918    | 1.06                      | 11.7                     | 20      | 22271    | 1.18            | 20.1                     | 29      | 23514    | 1.19            | 29                       | 39      |
| 22213    | 1.06                      | 11.9                     | 20      | 23699    | 1.18            | 21.5                     | 29      | 22703    | 1.19            | 29.6                     | 40      |
| 20157    | 1.06                      | 12.2                     | 20      | 23777    | 1.18            | 21.5                     | 29      | 21601    | 1.19            | 29.7                     | 40      |
| 20952    | 1.06                      | 13.5                     | 20      | 22335    | 1.18            | 21.8                     | 30      | 21671    | 1.19            | 30.4                     | 40      |
| 21354    | 1.06                      | 13.7                     | 20      | 21864    | 1.18            | 22.3                     | 30      | 22162    | 1.19            | 32.7                     | 40      |
| 21700    | 1.06                      | 14.4                     | 20      | 23782    | 1.18            | 24.6                     | 30      | 22339    | 1.19            | 35.2                     | 40      |
| 22454    | 1.06                      | 14.7                     | 20      | 23786    | 1.18            | 24.8                     | 30      | 22805    | 1.19            | 36.6                     | 40      |
| 22218    | 1.06                      | 15                       | 21      | 23784    | 1.18            | 25.1                     | 30      | 23558    | 1.19            | 37.4                     | 40      |
| 22330    | 1.06                      | 16.2                     | 21      | 23783    | 1.18            | 26.4                     | 30      | 22956    | 1.19 X 1.25     | 10                       | 41      |
| 21793    | 1.06                      | 19                       | 21      | 23865    | 1.18            | 27.9                     | 30      | 21430    | 1.19 X 1.25     | 20.2                     | 41      |
| 21621    | 1.06                      | 19.5                     | 21      | 23792    | 1.18            | 29.3                     | 31      | 22837    | 1.19 X 1.28     | 19.4                     | 41      |
| 21908    | 1.06                      | 19.8                     | 21      | 23822    | 1.18            | 34.4                     | 31      | 21591    | 1.19 X 1.3      | 14.3                     | 41      |
| 21647    | 1.06                      | 20                       | 21      | 23519    | 1.18 X 1.3      | 12.9                     | 31      | 23766    | 1.19 X 1.3      | 15.6                     | 41      |
| 21792    | 1.06                      | 20.8                     | 21      | 22508    | 1.18 X 1.3      | 16.1                     | 31      | 21589    | 1.19 X 1.3      | 18.7                     | 41      |
| 21444    | 1.06                      | 21.1                     | 21      | 22565    | 1.18 X 1.3      | 27.5                     | 31      | 24095    | 1.19 X 1.3      | 20.9                     | 41      |
| 21781    | 1.06                      | 21.4                     | 22      | 20799    | 1.18 X 1.38     | 15.6                     | 31      | 21219    | 1.19 X 1.31     | 18.4                     | 42      |
| 21424    | 1.06                      | 24.6                     | 22      | 21461    | 1.19            | 3.7                      | 31      | 21783    | 1.19 X 1.34     | 14.1                     | 42      |
| 20944    | 1.06                      | 25                       | 22      | 21258    | 1.19            | 4.3                      | 32      | 21947    | 1.19 X 1.38     | 22.2                     | 42      |
| 23341    | 1.06 X 1.2                | 20.7                     | 22      | 23241    | 1.19            | 5.2                      | 32      | 21529    | 1.19 X 1.38     | 24.5                     | 42      |
| 22457    | 1.06 X 1.21               | 12.5                     | 22      | 21551    | 1.19            | 9                        | 32      | 21821    | 1.19 X 1.44     | 21.9                     | 42      |
| 23332    | 1.06 X 1.22               | 12                       | 22      | 22961    | 1.19            | 10.2                     | 32      | 22010    | 1.19 X 1.47     | 17                       | 42      |
| 22874    | 1.06 X 1.22               | 13.1                     | 22      | 22835    | 1.19            | 10.5                     | 32      | 21782    | 1.19 X 1.5      | 9.6                      | 42      |
| 24191    | 1.06 X 1.25               | 22.5                     | 23      | 21942    | 1.19            | 10.8                     | 32      | 20883    | 1.19 X 1.5      | 18.6                     | 43      |
| 22240    | 1.06 X 1.26               | 8.4                      | 23      | 21584    | 1.19            | 11.7                     | 32      | 22684    | 1.2             | 10.28                    | 43      |
| 21788    | 1.06 X 1.26               | 18.8                     | 23      | 23947    | 1.19            | 11.7                     | 32      | 23236    | 1.2             | 10.7                     | 43      |
| 22005    | 1.06 X 1.34               | 20.5                     | 23      | 23145    | 1.19            | 12.5                     | 32      | 21836    | 1.2             | 12                       | 43      |
|          |                           |                          |         | 21946    | 1.19            | 12.6                     | 33      | 22250    | 1.2             | 13.3                     | 43      |
|          |                           |                          |         | 21880    | 1.19            | 13.3                     | 33      | 22920    | 1.2             | 13.4                     | 43      |

## Hose Dimensions — Listed in Order by Inside Diameter

| Part No. | Hose I.D. (In.)    | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)           | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. |
|----------|--------------------|--------------------------|---------|----------|---------------------------|--------------------------|---------|----------|-----------------|--------------------------|---------|
| 23952    | 1.2                | 13.5                     | 43      | 23302    | 1.22                      | 16.4                     | 53      | 23009    | 1.25            | 11.3                     | 62      |
| 22919    | 1.2                | 13.9                     | 43      | 23246    | 1.22                      | 17.573                   | 53      | 20661    | 1.25            | 11.4                     | 62      |
| 23518    | 1.2                | 14.3                     | 43      | 22848    | 1.22                      | 18.2                     | 53      | 21763    | 1.25            | 11.4                     | 62      |
| 22182    | 1.2                | 15.2                     | 44      | 23305    | 1.22                      | 20.2                     | 53      | 23177    | 1.25            | 11.5                     | 62      |
| 23517    | 1.2                | 15.2                     | 44      | 23317    | 1.22                      | 20.9                     | 53      | 21532    | 1.25            | 11.6                     | 62      |
| 23342    | 1.2                | 16.7                     | 44      | 23320    | 1.22                      | 21.6                     | 54      | 22879    | 1.25            | 11.6                     | 62      |
| 22415    | 1.2                | 18.4                     | 44      | 23318    | 1.22                      | 24.4                     | 54      | 21577    | 1.25            | 12                       | 62      |
| 22131    | 1.2                | 19.6                     | 44      | 23319    | 1.22                      | 25.2                     | 54      | 22907    | 1.25            | 12.1                     | 62      |
| 24126    | 1.2                | 20                       | 44      | 23303    | 1.22                      | 26.1                     | 54      | 22875    | 1.25            | 12.2                     | 63      |
| 20850    | 1.2                | 21.8                     | 44      | 23396    | 1.22                      | 28.2                     | 54      | 21027    | 1.25            | 12.5                     | 63      |
| 24127    | 1.2                | 22                       | 45      | 23391    | 1.22                      | 30.4                     | 54      | 24266    | 1.25            | 12.7                     | 63      |
| 23237    | 1.2                | 23.5                     | 45      | 22566    | 1.22                      | 34.1                     | 54      | 22915    | 1.25            | 12.8                     | 63      |
| 24068    | 1.2                | 23.5                     | 45      | 22046    | 1.22 X 1.22 X 0.35        | 14.83                    | 379     | 22971    | 1.25            | 13                       | 63      |
| 23516    | 1.2                | 27                       | 45      | 23686    | 1.22 X 1.26               | 18.8                     | 55      | 21177    | 1.25            | 13.1                     | 63      |
| 22921    | 1.2                | 30.5                     | 45      | 21140    | 1.22 X 1.28               | 11.1                     | 55      | 21067    | 1.25            | 13.2                     | 63      |
| 22824    | 1.2                | 31.3                     | 45      | 21728    | 1.22 X 1.28               | 16.6                     | 55      | 21025    | 1.25            | 13.3                     | 63      |
| 24070    | 1.2                | 34                       | 45      | 21979    | 1.22 X 1.34               | 19.1                     | 55      | 21186    | 1.25            | 13.4                     | 63      |
| 22181    | 1.2                | 34.5                     | 45      | 22677    | 1.22 X 1.41               | 31.41                    | 55      | 22119    | 1.25            | 13.4                     | 64      |
| 22823    | 1.2                | 34.7                     | 46      | 23449    | 1.22 X 1.42               | 31.3                     | 55      | 22120    | 1.25            | 13.4                     | 64      |
| 22511    | 1.2                | 35                       | 46      | 22221    | 1.22 X 1.44               | 22.5                     | 55      | 21085    | 1.25            | 13.5                     | 64      |
| 22529    | 1.2                | 35.5                     | 46      | 22729    | 1.22 X 1.45               | 17.08                    | 56      | 22126    | 1.25            | 13.6                     | 64      |
| 22569    | 1.2                | 39.6                     | 46      | 22069    | 1.22 X 1.45               | 23.8                     | 56      | 21084    | 1.25            | 14                       | 64      |
| 23462    | 1.2 X 0.9 X 0.9    | 27.75                    | 379     | 22386    | 1.22 X 1.47               | 5.5                      | 56      | 21171    | 1.25            | 14                       | 64      |
| 23090    | 1.2 X 1.2 X 0.39   | 13.7                     | 379     | 22598    | 1.22 X 1.47 X 0.25        | 14.6                     | 380     | 21549    | 1.25            | 14.2                     | 64      |
| 23091    | 1.2 X 1.2 X 1.09   | 12                       | 379     | 23367    | 1.23                      | 11.7                     | 56      | 20770    | 1.25            | 14.3                     | 64      |
| 22685    | 1.2 X 1.25         | 8.86                     | 46      | 22278    | 1.23                      | 13.4                     | 56      | 21514    | 1.25            | 14.3                     | 64      |
| 22667    | 1.2 X 1.25         | 22.62                    | 46      | 23393    | 1.23                      | 15.4                     | 56      | 23276    | 1.25            | 14.3                     | 65      |
| 23871    | 1.2 X 1.25         | 27.5                     | 47      | 23397    | 1.23                      | 15.7                     | 56      | 23483    | 1.25            | 14.3                     | 65      |
| 23842    | 1.2 X 1.26         | 14.6                     | 47      | 21869    | 1.23                      | 16.2                     | 56      | 21180    | 1.25            | 14.4                     | 65      |
| 23747    | 1.2 X 1.3          | 19                       | 47      | 22630    | 1.23                      | 21.8                     | 57      | 21592    | 1.25            | 14.4                     | 65      |
| 22410    | 1.2 X 1.33         | 17.4                     | 47      | 23631    | 1.23                      | 25.3                     | 57      | 22873    | 1.25            | 14.4                     | 65      |
| 22757    | 1.2 X 1.33         | 20.9                     | 47      | 23398    | 1.23                      | 27.6                     | 57      | 23020    | 1.25            | 14.4                     | 65      |
| 22251    | 1.2 X 1.37         | 14.6                     | 47      | 23399    | 1.23                      | 28.7                     | 57      | 20873    | 1.25            | 14.6                     | 65      |
| 22253    | 1.2 X 1.37         | 31.6                     | 47      | 23394    | 1.23                      | 29.1                     | 57      | 21281    | 1.25            | 14.6                     | 65      |
| 22252    | 1.2 X 1.37         | 32.9                     | 47      | 24065    | 1.23 X 1.23 X 0.5 X 0.3   | 22.75                    | 380     | 22129    | 1.25            | 14.6                     | 66      |
| 23283    | 1.2 X 1.45         | 23.6                     | 48      |          |                           |                          |         | 21390    | 1.25            | 14.8                     | 66      |
| 23376    | 1.21               | 6.1                      | 48      | 23744    | 1.23 X 1.23 X 0.6 X 0.6   | 29.5                     | 380     | 20880    | 1.25            | 14.9                     | 66      |
| 23481    | 1.21               | 6.3                      | 48      |          |                           |                          |         | 20992    | 1.25            | 15.2                     | 66      |
| 23378    | 1.21               | 6.4                      | 48      | 23659    | 1.23 X 1.23 X 0.8         | 19.2                     | 380     | 20839    | 1.25            | 15.4                     | 66      |
| 23942    | 1.21               | 9.82                     | 48      | 22816    | 1.23 X 1.23 X 1.23        | 14.61                    | 380     | 20942    | 1.25            | 15.4                     | 66      |
| 22571    | 1.21               | 9.9                      | 48      | 22281    | 1.23 X 1.25               | 19.8                     | 57      | 21628    | 1.25            | 15.4                     | 66      |
| 23943    | 1.21               | 12.72                    | 48      | 22127    | 1.23 X 1.29               | 16.2                     | 57      | 22345    | 1.25            | 15.5                     | 66      |
| 22112    | 1.21               | 14.5                     | 48      | 22409    | 1.23 X 1.31               | 17.7                     | 58      | 21534    | 1.25            | 15.6                     | 67      |
| 23324    | 1.21               | 15.6                     | 48      | 22366    | 1.23 X 1.31 X 0.58 X 0.58 | 11.95                    | 381     | 22913    | 1.25            | 15.6                     | 67      |
| 23484    | 1.21               | 15.7                     | 49      |          |                           |                          |         | 23033    | 1.25            | 15.6                     | 67      |
| 23390    | 1.21               | 16.1                     | 49      | 23749    | 1.23 X 1.45               | 17                       | 58      | 23167    | 1.25            | 15.6                     | 67      |
| 23395    | 1.21               | 16.3                     | 49      | 22474    | 1.24                      | 13.5                     | 58      | 20137    | 1.25            | 15.7                     | 67      |
| 22413    | 1.21               | 16.5                     | 49      | 23304    | 1.24                      | 20.2                     | 58      | 22215    | 1.25            | 16                       | 67      |
| 23392    | 1.21               | 16.9                     | 49      | 22616    | 1.24                      | 22                       | 58      | 22813    | 1.25            | 16                       | 67      |
| 23325    | 1.21               | 17                       | 49      | 22607    | 1.24                      | 22.3                     | 58      | 22420    | 1.25            | 16.3                     | 67      |
| 23512    | 1.21               | 18.7                     | 49      | 22503    | 1.24                      | 22.5                     | 58      | 23023    | 1.25            | 16.3                     | 68      |
| 23388    | 1.21               | 18.8                     | 49      | 22502    | 1.24                      | 22.7                     | 59      | 20780    | 1.25            | 16.7                     | 68      |
| 21508    | 1.21               | 19.1                     | 50      | 22456    | 1.24                      | 25.4                     | 59      | 20779    | 1.25            | 16.8                     | 68      |
| 23377    | 1.21               | 19.8                     | 50      | 22631    | 1.24                      | 28.4                     | 59      | 23032    | 1.25            | 16.8                     | 68      |
| 23389    | 1.21               | 21.1                     | 50      | 22615    | 1.24                      | 31.7                     | 59      | 21580    | 1.25            | 16.9                     | 68      |
| 22414    | 1.21               | 23.8                     | 50      | 22358    | 1.24                      | 36.2                     | 59      | 21599    | 1.25            | 16.9                     | 68      |
| 23509    | 1.21               | 24.9                     | 50      | 22629    | 1.24 X 1.29               | 17.3                     | 59      | 22640    | 1.25            | 17.3                     | 68      |
| 23510    | 1.21               | 25.7                     | 50      | 21138    | 1.24 X 1.5                | 26.3                     | 60      | 23075    | 1.25            | 17.3                     | 69      |
| 22561    | 1.21               | 28.4                     | 50      | 22642    | 1.24 X 1.5                | 39                       | 60      | 21439    | 1.25            | 17.4                     | 69      |
| 24069    | 1.21 X 1.21        | 34.5                     | 51      | 21402    | 1.24 X 1.57               | 19.4                     | 60      | 22419    | 1.25            | 17.4                     | 69      |
| 21595    | 1.21 X 1.21 X 0.71 | 18.75                    | 379     | 22465    | 1.24 X 1.6 X 0.75         | 18.25                    | 381     | 22979    | 1.25            | 17.5                     | 69      |
| 22808    | 1.21 X 1.23        | 32.8                     | 51      | 21533    | 1.25                      | 3.8                      | 60      | 21557    | 1.25            | 18                       | 69      |
| 23485    | 1.21 X 1.25        | 45                       | 51      | 22880    | 1.25                      | 6.3                      | 60      | 22321    | 1.25            | 18.2                     | 69      |
| 23482    | 1.21 X 1.3         | 5.3                      | 51      | 22876    | 1.25                      | 6.7                      | 60      | 20872    | 1.25            | 18.3                     | 69      |
| 23486    | 1.21 X 1.3         | 58.7                     | 51      | 24072    | 1.25                      | 7.8                      | 60      | 23673    | 1.25            | 18.5                     | 69      |
| 24096    | 1.21 X 1.32        | 14.52                    | 51      | 23169    | 1.25                      | 8.2                      | 60      | 22602    | 1.25            | 18.6                     | 381     |
| 23374    | 1.21 X 1.37        | 17.3                     | 51      | 21223    | 1.25                      | 8.6                      | 60      | 23886    | 1.25            | 18.7                     | 70      |
| 23375    | 1.21 X 1.37        | 19.6                     | 52      | 21579    | 1.25                      | 9.3                      | 61      | 21752    | 1.25            | 19.1                     | 70      |
| 23373    | 1.21 X 1.45        | 20.4                     | 52      | 20941    | 1.25                      | 9.6                      | 61      | 23757    | 1.25            | 19.125                   | 70      |
| 21616    | 1.21 X 1.46        | 33.8                     | 52      | 20940    | 1.25                      | 10                       | 61      | 21422    | 1.25            | 19.2                     | 70      |
| 22510    | 1.21 X 1.59        | 15                       | 52      | 20699    | 1.25                      | 10.1                     | 61      | 23839    | 1.25            | 19.3                     | 70      |
| 21911    | 1.22               | 6.6                      | 52      | 21528    | 1.25                      | 10.1                     | 61      | 21063    | 1.25            | 19.5                     | 70      |
| 22849    | 1.22               | 9                        | 52      | 21531    | 1.25                      | 10.7                     | 61      | 22853    | 1.25            | 19.7                     | 70      |
| 23245    | 1.22               | 10.516                   | 52      | 21094    | 1.25                      | 11.1                     | 61      | 21771    | 1.25            | 19.8                     | 71      |
| 22090    | 1.22               | 10.9                     | 53      | 20476    | 1.25                      | 11.3                     | 61      | 24090    | 1.25            | 19.92                    | 71      |
| 23326    | 1.22               | 11.3                     | 53      | 20535    | 1.25                      | 11.3                     | 61      | 20795    | 1.25            | 20.2                     | 71      |
| 22387    | 1.22               | 13                       | 53      | 20774    | 1.25                      | 11.3                     | 62      | 21218    | 1.25            | 20.2                     | 71      |

## Hose Dimensions — Listed in Order by Inside Diameter

| Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)         | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)           | Center Line Length (In.) | Row No. |
|----------|-----------------|--------------------------|---------|----------|-------------------------|--------------------------|---------|----------|---------------------------|--------------------------|---------|
| 24192    | 1.25            | 20.3                     | 71      | 23867    | 1.25 X 0.75 X 0.75      | 10.63                    | 381     | 20451    | 1.25 X 1.5                | 17.9                     | 91      |
| 21164    | 1.25            | 20.6                     | 71      | 24071    | 1.25 X 1.25             | 19.5                     | 82      | 21609    | 1.25 X 1.5                | 18.1                     | 92      |
| 21341    | 1.25            | 20.6                     | 71      | 24067    | 1.25 X 1.25             | 20                       | 83      | 21489    | 1.25 X 1.5                | 18.2                     | 92      |
| 21394    | 1.25            | 20.6                     | 72      | 24115    | 1.25 X 1.25 X 0.38      | 13                       | 382     | 21160    | 1.25 X 1.5                | 19.1                     | 92      |
| 22603    | 1.25            | 20.6                     | 72      | 22841    | 1.25 X 1.25 X 0.38      | 19.7                     | 382     | 22912    | 1.25 X 1.5                | 19.1                     | 92      |
| 23019    | 1.25            | 20.7                     | 72      | 23665    | 1.25 X 1.25 X 0.74      | 21.8                     | 382     | 21087    | 1.25 X 1.5                | 19.3                     | 92      |
| 21480    | 1.25            | 21                       | 72      | 22867    | 1.25 X 1.25 X 0.75      | 15                       | 382     | 20946    | 1.25 X 1.5                | 19.5                     | 93      |
| 23230    | 1.25            | 21                       | 72      | 23570    | 1.25 X 1.25 X 0.82      | 17.9                     | 382     | 21835    | 1.25 X 1.5                | 19.7                     | 93      |
| 23745    | 1.25            | 21                       | 72      | 23168    | 1.25 X 1.25 X 0.85      | 11.3                     | 383     | 21619    | 1.25 X 1.5                | 19.9                     | 93      |
| 21229    | 1.25            | 21.2                     | 72      | 22337    | 1.25 X 1.25 X 1.5 X 0.3 | 15.37                    | 383     | 20706    | 1.25 X 1.5                | 20.2                     | 93      |
| 22037    | 1.25            | 21.2                     | 72      |          |                         |                          |         | 21193    | 1.25 X 1.5                | 20.2                     | 93      |
| 22344    | 1.25            | 21.2                     | 73      | 21361    | 1.25 X 1.3              | 17.3                     | 83      | 21385    | 1.25 X 1.5                | 20.2                     | 93      |
| 23441    | 1.25            | 21.5                     | 73      | 20700    | 1.25 X 1.3              | 18.4                     | 83      | 21337    | 1.25 X 1.5                | 20.6                     | 94      |
| 20771    | 1.25            | 21.6                     | 73      | 21326    | 1.25 X 1.31             | 11.6                     | 83      | 21970    | 1.25 X 1.5                | 20.9                     | 94      |
| 22045    | 1.25            | 21.6                     | 73      | 22093    | 1.25 X 1.31 X 0.72      | 15.6                     | 383     | 21060    | 1.25 X 1.5                | 21                       | 94      |
| 24162    | 1.25            | 21.7                     | 73      | 22094    | 1.25 X 1.31 X 0.72      | 16.8                     | 383     | 21416    | 1.25 X 1.5                | 21                       | 94      |
| 21173    | 1.25            | 21.8                     | 73      | 22095    | 1.25 X 1.31 X 0.72      | 16.82                    | 383     | 21201    | 1.25 X 1.5                | 21.8                     | 94      |
| 21065    | 1.25            | 21.9                     | 73      | 21829    | 1.25 X 1.31 X 0.72      | 24.5                     | 384     | 21166    | 1.25 X 1.5                | 21.9                     | 94      |
| 21347    | 1.25            | 21.9                     | 74      | 22504    | 1.25 X 1.31 X 0.75      | 15.09                    | 384     | 21758    | 1.25 X 1.5                | 22.2                     | 94      |
| 22418    | 1.25            | 22                       | 74      | 22128    | 1.25 X 1.32             | 16                       | 83      | 21558    | 1.25 X 1.5                | 22.9                     | 95      |
| 21588    | 1.25            | 22.1                     | 74      | 22057    | 1.25 X 1.32             | 22.8                     | 83      | 23429    | 1.25 X 1.5                | 23.9                     | 95      |
| 22214    | 1.25            | 22.1                     | 74      | 24112    | 1.25 X 1.34             | 6.5                      | 83      | 21332    | 1.25 X 1.5                | 24                       | 95      |
| 21640    | 1.25            | 22.2                     | 74      | 22212    | 1.25 X 1.34             | 14.3                     | 84      | 23887    | 1.25 X 1.5                | 24.2                     | 95      |
| 21495    | 1.25            | 22.4                     | 74      | 22002    | 1.25 X 1.34             | 20.9                     | 84      | 23098    | 1.25 X 1.5                | 24.4                     | 95      |
| 23312    | 1.25            | 22.7                     | 74      | 23538    | 1.25 X 1.34             | 23.8                     | 84      | 21310    | 1.25 X 1.5                | 25.1                     | 95      |
| 24190    | 1.25            | 22.7                     | 75      | 22121    | 1.25 X 1.34             | 29                       | 84      | 21199    | 1.25 X 1.5                | 25.8                     | 96      |
| 23847    | 1.25            | 23.1                     | 75      | 22085    | 1.25 X 1.34             | 45.1                     | 84      | 21159    | 1.25 X 1.5                | 26                       | 96      |
| 22423    | 1.25            | 23.3                     | 75      | 22998    | 1.25 X 1.35             | 10.5                     | 84      | 21644    | 1.25 X 1.5                | 26.4                     | 96      |
| 21701    | 1.25            | 23.5                     | 75      | 21967    | 1.25 X 1.35             | 14.2                     | 84      | 21674    | 1.25 X 1.5                | 27.3                     | 96      |
| 21665    | 1.25            | 23.6                     | 75      | 23409    | 1.25 X 1.35             | 23.9                     | 85      | 21750    | 1.25 X 1.5                | 27.5                     | 96      |
| 21578    | 1.25            | 23.7                     | 75      | 24142    | 1.25 X 1.38             | 7.7                      | 85      | 21215    | 1.25 X 1.5                | 28.7                     | 96      |
| 22872    | 1.25            | 23.7                     | 75      | 21530    | 1.25 X 1.38             | 12.2                     | 85      | 21167    | 1.25 X 1.5                | 28.9                     | 97      |
| 21625    | 1.25            | 23.8                     | 76      | 22000    | 1.25 X 1.38             | 16.8                     | 85      | 21639    | 1.25 X 1.5                | 29.1                     | 97      |
| 21542    | 1.25            | 24                       | 76      | 21858    | 1.25 X 1.38             | 17.7                     | 85      | 22187    | 1.25 X 1.5                | 30                       | 97      |
| 21839    | 1.25            | 24.4                     | 76      | 21837    | 1.25 X 1.38             | 22                       | 85      | 21264    | 1.25 X 1.5                | 30.4                     | 97      |
| 21438    | 1.25            | 24.7                     | 76      | 21755    | 1.25 X 1.38             | 25.8                     | 85      | 21441    | 1.25 X 1.5                | 30.5                     | 97      |
| 24094    | 1.25            | 24.79                    | 76      | 21897    | 1.25 X 1.38             | 26                       | 86      | 22141    | 1.25 X 1.5                | 30.7                     | 97      |
| 21603    | 1.25            | 24.8                     | 76      | 21777    | 1.25 X 1.38             | 27.2                     | 86      | 21204    | 1.25 X 1.5                | 30.8                     | 98      |
| 21761    | 1.25            | 24.8                     | 76      | 21760    | 1.25 X 1.38             | 29.9                     | 86      | 22229    | 1.25 X 1.5                | 32.2                     | 98      |
| 21574    | 1.25            | 24.9                     | 77      | 21436    | 1.25 X 1.38             | 32                       | 86      | 21263    | 1.25 X 1.5                | 32.7                     | 98      |
| 21994    | 1.25            | 25.1                     | 77      | 22487    | 1.25 X 1.38             | 33                       | 86      | 21415    | 1.25 X 1.5                | 32.8                     | 98      |
| 22741    | 1.25            | 25.1                     | 77      | 21732    | 1.25 X 1.38             | 34.8                     | 86      | 21485    | 1.25 X 1.5                | 33.5                     | 98      |
| 21764    | 1.25            | 25.6                     | 77      | 21033    | 1.25 X 1.4              | 21.2                     | 87      | 23034    | 1.25 X 1.5                | 33.9                     | 98      |
| 21602    | 1.25            | 25.9                     | 77      | 20793    | 1.25 X 1.42             | 14.8                     | 87      | 21706    | 1.25 X 1.5                | 34.9                     | 99      |
| 22883    | 1.25            | 25.9                     | 77      | 21613    | 1.25 X 1.43             | 15.7                     | 87      | 21519    | 1.25 X 1.5                | 35.7                     | 99      |
| 21335    | 1.25            | 26.2                     | 77      | 22943    | 1.25 X 1.44             | 16.2                     | 87      | 22786    | 1.25 X 1.5                | 35.7                     | 99      |
| 21269    | 1.25            | 26.3                     | 77      | 22421    | 1.25 X 1.44             | 17.8                     | 87      | 21833    | 1.25 X 1.5                | 38.2                     | 99      |
| 22997    | 1.25            | 26.5                     | 77      | 22955    | 1.25 X 1.44             | 18                       | 87      | 21191    | 1.25 X 1.5                | 38.6                     | 99      |
| 21158    | 1.25            | 27                       | 78      | 22954    | 1.25 X 1.44             | 18.9                     | 87      | 22003    | 1.25 X 1.5                | 44.6                     | 99      |
| 21487    | 1.25            | 27.2                     | 78      | 22819    | 1.25 X 1.44             | 29.2                     | 88      | 22261    | 1.25 X 1.5                | 45                       | 99      |
| 20893    | 1.25            | 27.5                     | 78      | 23868    | 1.25 X 1.45             | 37.2                     | 88      | 23750    | 1.25 X 1.5 X 0.8          | 16                       | 384     |
| 21540    | 1.25            | 27.6                     | 78      | 22653    | 1.25 X 1.46             | 17.34                    | 88      | 22023    | 1.25 X 1.52               | 15.1                     | 100     |
| 21554    | 1.25            | 27.6                     | 78      | 24089    | 1.25 X 1.46             | 20.1                     | 88      | 20701    | 1.25 X 1.55               | 14.2                     | 100     |
| 21235    | 1.25            | 27.8                     | 78      | 22654    | 1.25 X 1.46             | 22.41                    | 88      | 21867    | 1.25 X 1.55               | 14.6                     | 100     |
| 21643    | 1.25            | 28.3                     | 79      | 22117    | 1.25 X 1.47             | 18.5                     | 88      | 21277    | 1.25 X 1.55               | 26.5                     | 100     |
| 22909    | 1.25            | 28.4                     | 79      | 22118    | 1.25 X 1.47             | 19.8                     | 88      | 23746    | 1.25 X 1.55 X 0.3         | 21                       | 384     |
| 21539    | 1.25            | 29.3                     | 79      | 22040    | 1.25 X 1.47             | 23.1                     | 89      | 21205    | 1.25 X 1.56               | 26.4                     | 100     |
| 23074    | 1.25            | 29.6                     | 79      | 22731    | 1.25 X 1.475            | 19.2                     | 89      | 21342    | 1.25 X 1.56               | 29.5                     | 100     |
| 21648    | 1.25            | 29.8                     | 79      | 21627    | 1.25 X 1.5              | 10.5                     | 89      | 20995    | 1.25 X 1.56               | 36.5                     | 100     |
| 21822    | 1.25            | 29.9                     | 79      | 21389    | 1.25 X 1.5              | 10.6                     | 89      | 22096    | 1.25 X 1.56 X 0.72        | 15.7                     | 384     |
| 22228    | 1.25            | 30.1                     | 80      | 21086    | 1.25 X 1.5              | 10.7                     | 89      | 21719    | 1.25 X 1.57               | 14.8                     | 101     |
| 21759    | 1.25            | 30.9                     | 80      | 22445    | 1.25 X 1.5              | 11.3                     | 89      | 21172    | 1.25 X 1.62               | 23.3                     | 101     |
| 22882    | 1.25            | 30.9                     | 80      | 23183    | 1.25 X 1.5              | 12.8                     | 89      | 21401    | 1.25 X 1.62               | 32.7                     | 101     |
| 21408    | 1.25            | 31.7                     | 80      | 23026    | 1.25 X 1.5              | 13.2                     | 90      | 21630    | 1.25 X 1.65               | 18.9                     | 101     |
| 21270    | 1.25            | 31.8                     | 80      | 21587    | 1.25 X 1.5              | 13.7                     | 90      | 21384    | 1.25 X 1.67               | 18.7                     | 101     |
| 21188    | 1.25            | 32                       | 80      | 20791    | 1.25 X 1.5              | 14.2                     | 90      | 21490    | 1.25 X 1.7                | 13.8                     | 101     |
| 21189    | 1.25            | 32.3                     | 81      | 20797    | 1.25 X 1.5              | 14.6                     | 90      | 22460    | 1.25 X 1.8                | 12.1                     | 101     |
| 22021    | 1.25            | 33.3                     | 81      | 22227    | 1.25 X 1.5              | 15.2                     | 90      | 22277    | 1.25 X 1.87 X 0.91 X 0.64 | 37.75                    | 385     |
| 22209    | 1.25            | 33.4                     | 81      | 21272    | 1.25 X 1.5              | 15.6                     | 90      |          |                           |                          |         |
| 23295    | 1.25            | 33.6                     | 81      | 21103    | 1.25 X 1.5              | 15.7                     | 90      | 21366    | 1.26                      | 7                        | 102     |
| 21323    | 1.25            | 34                       | 81      | 22019    | 1.25 X 1.5              | 15.9                     | 90      | 22444    | 1.26                      | 17.5                     | 102     |
| 22820    | 1.25            | 36.5                     | 381     | 22001    | 1.25 X 1.5              | 16.2                     | 91      | 23629    | 1.26                      | 18.6                     | 102     |
| 21707    | 1.25            | 37.9                     | 81      | 20855    | 1.25 X 1.5              | 16.3                     | 91      | 22328    | 1.26                      | 20.4                     | 102     |
| 21775    | 1.25            | 39                       | 82      | 21885    | 1.25 X 1.5              | 16.4                     | 91      | 23365    | 1.26                      | 20.4                     | 102     |
| 21209    | 1.25            | 39.3                     | 82      | 21484    | 1.25 X 1.5              | 16.8                     | 91      | 22623    | 1.26                      | 24.2                     | 102     |
| 22080    | 1.25            | 40                       | 82      | 21594    | 1.25 X 1.5              | 17.2                     | 91      | 22699    | 1.26                      | 27.9                     | 102     |
| 22525    | 1.25            | 44.8                     | 82      | 23028    | 1.25 X 1.5              | 17.3                     | 91      | 22842    | 1.26                      | 28.8                     | 103     |

## Hose Dimensions — Listed in Order by Inside Diameter

| Part No. | Hose I.D. (In.)           | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)           | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. |
|----------|---------------------------|--------------------------|---------|----------|---------------------------|--------------------------|---------|----------|-----------------|--------------------------|---------|
| 21906    | 1.26                      | 33                       | 103     | 22362    | 1.27                      | 31.7                     | 112     | 23438    | 1.29            | 46.5                     | 123     |
| 23635    | 1.26 X 1.22 X 0.31 X 0.31 | 22                       | 385     | 23152    | 1.27                      | 31.8                     | 112     | 23382    | 1.29            | 50.1                     | 123     |
| 23741    | 1.26 X 1.26 X 0.25        | 27                       | 385     | 22016    | 1.27                      | 32.2                     | 113     | 22673    | 1.29 X 1.43     | 20.1                     | 123     |
| 23742    | 1.26 X 1.26 X 0.31 X 0.61 | 19.5                     | 385     | 22357    | 1.27                      | 32.2                     | 113     | 23975    | 1.3             | 4.9                      | 123     |
| 22367    | 1.26 X 1.34 X 0.58 X 0.58 | 11.61                    | 386     | 23140    | 1.27                      | 32.3                     | 113     | 23163    | 1.3             | 7.6                      | 123     |
| 22500    | 1.26 X 1.36               | 9.8                      | 103     | 22196    | 1.27                      | 32.5                     | 113     | 23919    | 1.3             | 9.1                      | 123     |
| 23435    | 1.26 X 1.36               | 18.7                     | 103     | 22266    | 1.27                      | 32.7                     | 113     | 22534    | 1.3             | 9.8                      | 123     |
| 22676    | 1.26 X 1.41               | 14.56                    | 103     | 23122    | 1.27                      | 34                       | 113     | 22652    | 1.3             | 10.1                     | 123     |
| 20800    | 1.26 X 1.45               | 21                       | 103     | 22231    | 1.27                      | 38                       | 113     | 23251    | 1.3             | 11.1                     | 123     |
| 20820    | 1.26 X 1.46               | 23.3                     | 104     | 23121    | 1.27                      | 43.6                     | 114     | 23134    | 1.3             | 11.2                     | 124     |
| 20801    | 1.26 X 1.5                | 12.7                     | 104     | 22027    | 1.27                      | 44.2                     | 114     | 23917    | 1.3             | 11.3                     | 124     |
| 21723    | 1.26 X 1.5                | 16.2                     | 104     | 22436    | 1.27                      | 47.8                     | 114     | 24170    | 1.3             | 11.3                     | 124     |
| 21482    | 1.26 X 1.5                | 18                       | 104     | 22600    | 1.27 X 0.96 X 0.61 X 0.61 | 12.5                     | 386     | 23242    | 1.3             | 11.7                     | 124     |
| 21727    | 1.26 X 1.5                | 21.1                     | 104     | 22739    | 1.27 X 1.27               | 15.4                     | 114     | 24187    | 1.3             | 11.8                     | 124     |
| 21345    | 1.26 X 1.5                | 21.6                     | 104     | 22740    | 1.27 X 1.27               | 25                       | 114     | 23911    | 1.3             | 11.9                     | 124     |
| 21334    | 1.26 X 1.5                | 27.2                     | 104     | 22114    | 1.27 X 1.31               | 16.1                     | 114     | 23912    | 1.3             | 11.9                     | 124     |
| 21649    | 1.26 X 1.5                | 29.4                     | 105     | 22801    | 1.27 X 1.33 X 0.82        | 15.5                     | 387     | 23977    | 1.3             | 12.2                     | 124     |
| 21659    | 1.26 X 1.5                | 29.4                     | 105     | 22748    | 1.27 X 1.37               | 18.8                     | 114     | 24195    | 1.3             | 12.5                     | 124     |
| 21637    | 1.26 X 1.53               | 12.4                     | 105     | 23450    | 1.27 X 1.37               | 24.2                     | 115     | 23157    | 1.3             | 12.6                     | 124     |
| 22818    | 1.26 X 1.64               | 14.1                     | 105     | 22749    | 1.27 X 1.37               | 26.8                     | 115     | 24153    | 1.3             | 13.38                    | 125     |
| 21629    | 1.26 X 1.65               | 13.7                     | 105     | 23081    | 1.27 X 1.38               | 9.5                      | 115     | 24101    | 1.3             | 13.43                    | 125     |
| 22178    | 1.26 X 1.69 X 0.61 X 0.61 | 14.397                   | 386     | 22463    | 1.27 X 1.39               | 19.3                     | 115     | 22524    | 1.3             | 13.7                     | 125     |
| 22179    | 1.26 X 1.69 X 0.61 X 0.61 | 14.53                    | 386     | 23748    | 1.27 X 1.4                | 24                       | 115     | 23874    | 1.3             | 13.8                     | 125     |
| 23235    | 1.27                      | 6.8                      | 105     | 23120    | 1.27 X 1.49               | 36.5                     | 115     | 24199    | 1.3             | 13.9                     | 125     |
| 22353    | 1.27                      | 8.5                      | 105     | 22171    | 1.27 X 1.5                | 32.6                     | 115     | 22246    | 1.3             | 14.1                     | 125     |
| 21957    | 1.27                      | 11.9                     | 105     | 23196    | 1.27 X 1.5                | 33.8                     | 387     | 23875    | 1.3             | 14.1                     | 125     |
| 23124    | 1.27                      | 13.6                     | 106     | 22264    | 1.27 X 1.52               | 14.2                     | 116     | 23178    | 1.3             | 14.3                     | 125     |
| 22138    | 1.27                      | 14.2                     | 106     | 23587    | 1.27 X 1.52               | 16                       | 116     | 23240    | 1.3             | 14.5                     | 126     |
| 22354    | 1.27                      | 14.9                     | 106     | 23386    | 1.27 X 1.52               | 16.2                     | 116     | 23767    | 1.3             | 14.5                     | 126     |
| 22223    | 1.27                      | 15                       | 106     | 22373    | 1.27 X 1.52               | 16.3                     | 116     | 23702    | 1.3             | 14.6                     | 126     |
| 23079    | 1.27                      | 15.2                     | 106     | 21990    | 1.27 X 1.52               | 20.8                     | 116     | 23166    | 1.3             | 14.7                     | 126     |
| 22822    | 1.27                      | 15.4                     | 106     | 22013    | 1.27 X 1.52               | 32.8                     | 116     | 23155    | 1.3             | 15                       | 126     |
| 23119    | 1.27                      | 15.4                     | 106     | 22174    | 1.27 X 1.52               | 34.1                     | 116     | 23093    | 1.3             | 15.1                     | 126     |
| 23159    | 1.27                      | 15.6                     | 107     | 22265    | 1.27 X 1.52               | 35.1                     | 117     | 23254    | 1.3             | 15.1                     | 126     |
| 22133    | 1.27                      | 16.2                     | 107     | 21968    | 1.27 X 1.52               | 36.6                     | 117     | 23092    | 1.3             | 15.2                     | 126     |
| 21991    | 1.27                      | 16.4                     | 107     | 23061    | 1.27 X 1.52               | 38.7                     | 117     | 23117    | 1.3             | 15.4                     | 126     |
| 22375    | 1.27                      | 17.1                     | 107     | 22464    | 1.27 X 1.65               | 24.6                     | 117     | 23153    | 1.3             | 15.4                     | 127     |
| 21958    | 1.27                      | 17.2                     | 107     | 22267    | 1.27 X 1.77               | 21.5                     | 117     | 23913    | 1.3             | 15.6                     | 127     |
| 23228    | 1.27                      | 17.2                     | 107     | 22406    | 1.27 X 1.77               | 24.2                     | 117     | 23353    | 1.3             | 15.7                     | 127     |
| 23472    | 1.27                      | 17.3                     | 107     | 20563    | 1.28                      | 6.3                      | 117     | 23354    | 1.3             | 15.7                     | 127     |
| 22972    | 1.27                      | 17.5                     | 107     | 23596    | 1.28                      | 13.1                     | 118     | 23881    | 1.3             | 15.72                    | 127     |
| 23078    | 1.27                      | 17.8                     | 108     | 22405    | 1.28                      | 14.4                     | 118     | 23046    | 1.3             | 15.8                     | 127     |
| 23137    | 1.27                      | 18.2                     | 108     | 23546    | 1.28                      | 15.5                     | 118     | 23879    | 1.3             | 15.8                     | 127     |
| 23349    | 1.27                      | 18.6                     | 108     | 21312    | 1.28                      | 16                       | 118     | 23979    | 1.3             | 16.1                     | 127     |
| 22814    | 1.27                      | 18.9                     | 108     | 23830    | 1.28                      | 16.26                    | 118     | 24172    | 1.3             | 16.2                     | 128     |
| 22361    | 1.27                      | 19.1                     | 108     | 22753    | 1.28                      | 16.9                     | 118     | 21948    | 1.3             | 16.4                     | 128     |
| 22427    | 1.27                      | 19.1                     | 108     | 22054    | 1.28                      | 19.3                     | 118     | 22888    | 1.3             | 16.6                     | 128     |
| 22116    | 1.27                      | 19.3                     | 108     | 22800    | 1.28                      | 19.9                     | 118     | 23724    | 1.3             | 16.6                     | 128     |
| 22262    | 1.27                      | 19.3                     | 108     | 22052    | 1.28                      | 20.3                     | 119     | 23285    | 1.3             | 16.7                     | 128     |
| 22356    | 1.27                      | 19.3                     | 109     | 22723    | 1.28                      | 20.4                     | 119     | 23765    | 1.3             | 16.7                     | 128     |
| 21895    | 1.27                      | 19.7                     | 109     | 23491    | 1.28                      | 30.3                     | 119     | 23978    | 1.3             | 16.7                     | 128     |
| 23080    | 1.27                      | 21.2                     | 109     | 22751    | 1.28                      | 37.6                     | 119     | 24097    | 1.3             | 16.87                    | 128     |
| 22263    | 1.27                      | 21.5                     | 109     | 23496    | 1.28                      | 37.7                     | 119     | 23194    | 1.3             | 17.1                     | 129     |
| 23387    | 1.27                      | 21.5                     | 109     | 22526    | 1.28                      | 40.6                     | 119     | 23198    | 1.3             | 17.1                     | 129     |
| 21828    | 1.27                      | 22.4                     | 109     | 22755    | 1.28                      | 41.9                     | 119     | 23125    | 1.3             | 17.4                     | 129     |
| 22428    | 1.27                      | 22.8                     | 109     | 22722    | 1.28 X 1.5                | 21.2                     | 120     | 23161    | 1.3             | 17.4                     | 129     |
| 22077    | 1.27                      | 23.5                     | 110     | 23526    | 1.28 X 1.54               | 12.8                     | 120     | 22687    | 1.3             | 17.8                     | 129     |
| 22403    | 1.27                      | 23.5                     | 110     | 23717    | 1.28 X 1.55               | 26.3                     | 120     | 23286    | 1.3             | 17.9                     | 129     |
| 22404    | 1.27                      | 23.7                     | 110     | 21486    | 1.28 X 1.56               | 13.8                     | 120     | 22269    | 1.3             | 18.2                     | 129     |
| 23683    | 1.27                      | 23.7                     | 110     | 22632    | 1.29                      | 12                       | 120     | 22686    | 1.3             | 18.3                     | 129     |
| 23369    | 1.27                      | 23.9                     | 110     | 22078    | 1.29                      | 14.2                     | 120     | 23135    | 1.3             | 18.3                     | 130     |
| 22352    | 1.27                      | 24.2                     | 110     | 22827    | 1.29                      | 14.6                     | 120     | 23162    | 1.3             | 18.4                     | 130     |
| 23453    | 1.27                      | 24.3                     | 110     | 23480    | 1.29                      | 15.5                     | 121     | 23158    | 1.3             | 18.5                     | 130     |
| 23588    | 1.27                      | 24.4                     | 111     | 22826    | 1.29                      | 16.69                    | 121     | 23136    | 1.3             | 18.6                     | 130     |
| 22324    | 1.27                      | 25                       | 111     | 23479    | 1.29                      | 17.8                     | 121     | 22999    | 1.3             | 19.1                     | 130     |
| 23452    | 1.27                      | 25.6                     | 111     | 22633    | 1.29                      | 18.33                    | 121     | 24102    | 1.3             | 19.1                     | 130     |
| 22747    | 1.27                      | 25.7                     | 111     | 23528    | 1.29                      | 18.9                     | 121     | 22309    | 1.3             | 19.2                     | 130     |
| 23431    | 1.27                      | 27.8                     | 111     | 22696    | 1.29                      | 19.2                     | 121     | 23908    | 1.3             | 19.2                     | 130     |
| 22087    | 1.27                      | 28.1                     | 111     | 23488    | 1.29                      | 22.1                     | 121     | 21848    | 1.3             | 19.8                     | 131     |
| 21978    | 1.27                      | 28.7                     | 112     | 23489    | 1.29                      | 24.3                     | 121     | 23144    | 1.3             | 19.8                     | 131     |
| 22634    | 1.27                      | 29.6                     | 112     | 23433    | 1.29                      | 27.3                     | 122     | 23047    | 1.3             | 19.9                     | 131     |
| 21820    | 1.27                      | 29.7                     | 112     | 22760    | 1.29                      | 31.8                     | 122     | 23147    | 1.3             | 20                       | 131     |
| 21868    | 1.27                      | 30.2                     | 112     | 22435    | 1.29                      | 32                       | 122     | 23238    | 1.3             | 20.1                     | 131     |
|          |                           |                          |         | 22572    | 1.29                      | 32.7                     | 122     | 23156    | 1.3             | 20.2                     | 131     |
|          |                           |                          |         | 23597    | 1.29                      | 37.8                     | 122     | 22535    | 1.3             | 20.3                     | 131     |
|          |                           |                          |         | 23383    | 1.29                      | 45.9                     | 122     | 22048    | 1.3             | 20.4                     | 132     |
|          |                           |                          |         |          |                           |                          |         | 22462    | 1.3             | 20.5                     | 132     |

## Hose Dimensions — Listed in Order by Inside Diameter

| Part No. | Hose I.D. (In.)   | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)    | Center Line Length (In.) | Row No. |
|----------|-------------------|--------------------------|---------|----------|-----------------|--------------------------|---------|----------|--------------------|--------------------------|---------|
| 22475    | 1.3               | 20.5                     | 132     | 23293    | 1.3 X 1.53      | 19.4                     | 142     | 22153    | 1.31               | 18.2                     | 151     |
| 22934    | 1.3               | 20.5                     | 132     | 22651    | 1.3 X 1.53      | 30                       | 142     | 22989    | 1.31               | 18.6                     | 151     |
| 22492    | 1.3               | 20.6                     | 132     | 23799    | 1.3 X 1.55      | 9.3                      | 142     | 22905    | 1.31               | 18.7                     | 151     |
| 22759    | 1.3               | 20.6                     | 132     | 24255    | 1.3 X 1.6       | 15.4                     | 142     | 23232    | 1.31               | 18.7                     | 151     |
| 23179    | 1.3               | 20.6                     | 132     | 20877    | 1.31            | 8.5                      | 142     | 23970    | 1.31               | 18.72                    | 151     |
| 23876    | 1.3               | 21                       | 132     | 22967    | 1.31            | 10                       | 142     | 22899    | 1.31               | 18.8                     | 151     |
| 23048    | 1.3               | 21.2                     | 133     | 23589    | 1.31            | 10.2                     | 143     | 22332    | 1.31               | 19.1                     | 152     |
| 23763    | 1.3               | 22                       | 133     | 24111    | 1.31            | 10.87                    | 143     | 22974    | 1.31               | 19.1                     | 152     |
| 23165    | 1.3               | 22.3                     | 133     | 22925    | 1.31            | 10.9                     | 143     | 22015    | 1.31               | 19.2                     | 152     |
| 22258    | 1.3               | 22.4                     | 133     | 22963    | 1.31            | 11                       | 143     | 23565    | 1.31               | 19.2                     | 152     |
| 22887    | 1.3               | 22.6                     | 133     | 23059    | 1.31            | 11.6                     | 143     | 23058    | 1.31               | 19.6                     | 152     |
| 23501    | 1.3               | 22.7                     | 133     | 22928    | 1.31            | 11.7                     | 143     | 23804    | 1.31               | 19.6                     | 152     |
| 22620    | 1.3               | 23.2                     | 133     | 22988    | 1.31            | 11.8                     | 143     | 22964    | 1.31               | 19.7                     | 152     |
| 23138    | 1.3               | 23.2                     | 133     | 23030    | 1.31            | 11.8                     | 143     | 23231    | 1.31               | 19.8                     | 153     |
| 22936    | 1.3               | 23.3                     | 134     | 20808    | 1.31            | 11.9                     | 143     | 22568    | 1.31               | 19.9                     | 153     |
| 23154    | 1.3               | 23.5                     | 134     | 21353    | 1.31            | 12.2                     | 143     | 23532    | 1.31               | 20                       | 153     |
| 23063    | 1.3               | 23.7                     | 134     | 23343    | 1.31            | 12.2                     | 144     | 22968    | 1.31               | 20.2                     | 153     |
| 23338    | 1.3               | 23.8                     | 134     | 23722    | 1.31            | 12.3                     | 144     | 22342    | 1.31               | 20.3                     | 153     |
| 22935    | 1.3               | 24.2                     | 134     | 22689    | 1.31            | 12.528                   | 144     | 22113    | 1.31               | 20.4                     | 153     |
| 22259    | 1.3               | 24.5                     | 134     | 22688    | 1.31            | 12.595                   | 144     | 22966    | 1.31               | 20.4                     | 153     |
| 22473    | 1.3               | 24.9                     | 134     | 23584    | 1.31            | 12.6                     | 144     | 23456    | 1.31               | 20.4                     | 154     |
| 23701    | 1.3               | 24.9                     | 135     | 21744    | 1.31            | 12.7                     | 144     | 22902    | 1.31               | 20.5                     | 154     |
| 23083    | 1.3               | 25.4                     | 135     | 21174    | 1.31            | 12.8                     | 144     | 23719    | 1.31               | 20.7                     | 154     |
| 23160    | 1.3               | 25.5                     | 135     | 22973    | 1.31            | 12.8                     | 144     | 22901    | 1.31               | 20.8                     | 154     |
| 23277    | 1.3               | 25.6                     | 135     | 23475    | 1.31            | 12.8                     | 144     | 23344    | 1.31               | 20.8                     | 154     |
| 23252    | 1.3               | 25.8                     | 135     | 23306    | 1.31            | 12.9                     | 145     | 22825    | 1.31               | 21.1                     | 154     |
| 24185    | 1.3               | 26.1                     | 135     | 22522    | 1.31            | 13.2                     | 145     | 23714    | 1.31               | 21.2                     | 154     |
| 24188    | 1.3               | 26.2                     | 136     | 23529    | 1.31            | 13.2                     | 145     | 22978    | 1.31               | 21.7                     | 154     |
| 22260    | 1.3               | 26.5                     | 136     | 22320    | 1.31            | 13.3                     | 145     | 23346    | 1.31               | 21.7                     | 154     |
| 23971    | 1.3               | 26.5                     | 136     | 23703    | 1.31            | 13.3                     | 145     | 22918    | 1.31               | 21.8                     | 155     |
| 23700    | 1.3               | 26.6                     | 136     | 23436    | 1.31            | 13.5                     | 145     | 23583    | 1.31               | 21.8                     | 155     |
| 23294    | 1.3               | 26.7                     | 136     | 22884    | 1.31            | 13.6                     | 145     | 23586    | 1.31               | 21.8                     | 155     |
| 23725    | 1.3               | 26.9                     | 136     | 23487    | 1.31            | 13.7                     | 145     | 21737    | 1.31               | 22                       | 155     |
| 23969    | 1.3               | 28.3                     | 137     | 22976    | 1.31            | 13.8                     | 145     | 22929    | 1.31               | 22.1                     | 155     |
| 23500    | 1.3               | 28.5                     | 137     | 23521    | 1.31            | 13.8                     | 146     | 23455    | 1.31               | 22.2                     | 155     |
| 22916    | 1.3               | 28.8                     | 137     | 23470    | 1.31            | 13.9                     | 146     | 23929    | 1.31               | 22.2                     | 156     |
| 23164    | 1.3               | 29.6                     | 137     | 22557    | 1.31            | 14                       | 146     | 23345    | 1.31               | 22.5                     | 156     |
| 23118    | 1.3               | 29.7                     | 137     | 22975    | 1.31            | 14                       | 146     | 20783    | 1.31               | 22.9                     | 156     |
| 23278    | 1.3               | 30.2                     | 137     | 22977    | 1.31            | 14                       | 146     | 23022    | 1.31               | 22.9                     | 156     |
| 23296    | 1.3               | 30.9                     | 138     | 22985    | 1.31            | 14                       | 146     | 23723    | 1.31               | 23                       | 156     |
| 23731    | 1.3               | 31.7                     | 138     | 22011    | 1.31            | 14.2                     | 146     | 21672    | 1.31               | 23.1                     | 156     |
| 23126    | 1.3               | 33                       | 138     | 22983    | 1.31            | 14.2                     | 146     | 22152    | 1.31               | 23.3                     | 157     |
| 22937    | 1.3               | 34.7                     | 138     | 23307    | 1.31            | 14.2                     | 146     | 22331    | 1.31               | 23.6                     | 157     |
| 23123    | 1.3               | 38.7                     | 138     | 22523    | 1.31            | 14.3                     | 147     | 22147    | 1.31               | 23.7                     | 157     |
| 22137    | 1.3               | 38.9                     | 138     | 23522    | 1.31            | 14.3                     | 147     | 22306    | 1.31               | 23.9                     | 157     |
| 24186    | 1.3               | 40.7                     | 139     | 22906    | 1.31            | 14.4                     | 147     | 23733    | 1.31               | 23.9                     | 157     |
| 23967    | 1.3               | 47.2                     | 139     | 21745    | 1.31            | 14.7                     | 147     | 23249    | 1.31               | 24.4                     | 157     |
| 23184    | 1.3               | 48.1                     | 139     | 23473    | 1.31            | 14.8                     | 147     | 22130    | 1.31               | 24.5                     | 157     |
| 23366    | 1.3 X 1.16        | 16.2                     | 139     | 22904    | 1.31            | 15                       | 147     | 23490    | 1.31               | 24.5                     | 158     |
| 23581    | 1.3 X 1.3 X 0.44  | 25.1                     | 387     | 21951    | 1.31            | 15.1                     | 147     | 22026    | 1.31               | 24.9                     | 158     |
| 23948    | 1.3 X 1.3 X 0.59  | 17.5                     | 387     | 22969    | 1.31            | 15.3                     | 147     | 22914    | 1.31               | 25.1                     | 158     |
| 22111    | 1.3 X 1.3 X 0.72  | 13.872                   | 387     | 23603    | 1.31            | 15.3                     | 148     | 22869    | 1.31               | 25.2                     | 158     |
| 22109    | 1.3 X 1.3 X 0.72  | 18.1                     | 388     | 22965    | 1.31            | 15.4                     | 148     | 23350    | 1.31               | 25.2                     | 158     |
| 22708    | 1.3 X 1.3 X 0.73  | 20.6                     | 388     | 23432    | 1.31            | 15.5                     | 148     | 23935    | 1.31               | 25.43                    | 158     |
| 23467    | 1.3 X 1.35        | 9.3                      | 139     | 22730    | 1.31            | 15.7                     | 148     | 22986    | 1.31               | 25.6                     | 158     |
| 23468    | 1.3 X 1.35        | 21.3                     | 139     | 22868    | 1.31            | 15.7                     | 148     | 23715    | 1.31               | 26                       | 158     |
| 23186    | 1.3 X 1.35        | 24                       | 139     | 21622    | 1.31            | 15.8                     | 148     | 23347    | 1.31               | 26.3                     | 159     |
| 23858    | 1.3 X 1.35        | 27.3                     | 140     | 23734    | 1.31            | 15.9                     | 148     | 22984    | 1.31               | 26.8                     | 159     |
| 23857    | 1.3 X 1.35        | 32.9                     | 140     | 23351    | 1.31            | 16                       | 148     | 22987    | 1.31               | 26.8                     | 159     |
| 22499    | 1.3 X 1.4         | 17.1                     | 140     | 21959    | 1.31            | 16.2                     | 149     | 23352    | 1.31               | 27.2                     | 159     |
| 22488    | 1.3 X 1.44        | 15.9                     | 140     | 23406    | 1.31            | 16.3                     | 149     | 21162    | 1.31               | 27.7                     | 159     |
| 24144    | 1.3 X 1.45        | 7.1                      | 140     | 23552    | 1.31            | 16.3                     | 149     | 23337    | 1.31               | 28.2                     | 159     |
| 23142    | 1.3 X 1.45        | 15.9                     | 140     | 21610    | 1.31            | 16.4                     | 149     | 22922    | 1.31               | 28.4                     | 159     |
| 23143    | 1.3 X 1.45        | 18.5                     | 140     | 21756    | 1.31            | 16.4                     | 149     | 23899    | 1.31               | 28.4                     | 160     |
| 23284    | 1.3 X 1.45        | 19.9                     | 141     | 23021    | 1.31            | 16.4                     | 149     | 22957    | 1.31               | 29.8                     | 160     |
| 23301    | 1.3 X 1.45 X 0.3  | 23.6                     | 388     | 23111    | 1.31            | 16.8                     | 149     | 23348    | 1.31               | 29.8                     | 160     |
| 23299    | 1.3 X 1.45 X 0.3  | 24.6                     | 388     | 23474    | 1.31            | 17                       | 149     | 22628    | 1.31               | 30.4                     | 160     |
| 23298    | 1.3 X 1.45 X 0.36 | 21                       | 388     | 23523    | 1.31            | 17                       | 149     | 22982    | 1.31               | 31.5                     | 160     |
| 23582    | 1.3 X 1.45 X 0.38 | 21.8                     | 389     | 23973    | 1.31            | 17.09                    | 150     | 23027    | 1.31               | 32.9                     | 160     |
| 22493    | 1.3 X 1.46        | 14.6                     | 141     | 21445    | 1.31            | 17.1                     | 150     | 23718    | 1.31               | 33                       | 160     |
| 23239    | 1.3 X 1.46        | 21.8                     | 141     | 21703    | 1.31            | 17.1                     | 150     | 23941    | 1.31               | 33.21                    | 161     |
| 23590    | 1.3 X 1.5         | 16.7                     | 141     | 23974    | 1.31            | 17.22                    | 150     | 23802    | 1.31               | 33.5                     | 161     |
| 23226    | 1.3 X 1.5         | 19.7                     | 141     | 22995    | 1.31            | 17.3                     | 150     | 23062    | 1.31               | 34.6                     | 161     |
| 23443    | 1.3 X 1.5         | 21.6                     | 141     | 23471    | 1.31            | 17.4                     | 150     | 23730    | 1.31               | 34.9                     | 161     |
| 23199    | 1.3 X 1.5         | 28.1                     | 141     | 23939    | 1.31            | 17.47                    | 150     | 23729    | 1.31               | 46.4                     | 161     |
| 23094    | 1.3 X 1.5         | 30.8                     | 142     | 22970    | 1.31            | 17.6                     | 151     | 23469    | 1.31               | 52.9                     | 161     |
| 22648    | 1.3 X 1.53        | 14.6                     | 142     | 23704    | 1.31            | 17.6                     | 151     | 23297    | 1.31 X 1.31 X 0.38 | 20.14                    | 389     |

## Hose Dimensions — Listed in Order by Inside Diameter

| Part No. | Hose I.D. (In.)           | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)    | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. |
|----------|---------------------------|--------------------------|---------|----------|--------------------|--------------------------|---------|----------|-----------------|--------------------------|---------|
| 21904    | 1.31 X 1.31 X 0.72        | 14.5                     | 389     | 23384    | 1.32               | 29                       | 169     | 21351    | 1.34            | 23.3                     | 180     |
| 22065    | 1.31 X 1.31 X 0.72        | 17.2                     | 389     | 24098    | 1.32               | 34.32                    | 170     | 23706    | 1.34            | 23.7                     | 180     |
| 22343    | 1.31 X 1.31 X 0.73        | 11.34                    | 390     | 22657    | 1.32               | 35                       | 170     | 21414    | 1.34            | 24.3                     | 180     |
| 22148    | 1.31 X 1.31 X 0.73        | 14.3                     | 390     | 22232    | 1.32 X 1.45        | 23.4                     | 170     | 22532    | 1.34            | 24.7                     | 180     |
| 22211    | 1.31 X 1.31 X 0.74        | 15.42                    | 390     | 24099    | 1.32 X 1.48        | 12.78                    | 170     | 21873    | 1.34            | 25.5                     | 180     |
| 22012    | 1.31 X 1.31 X 0.75        | 11                       | 390     | 22851    | 1.32 X 1.49        | 17.2                     | 170     | 21921    | 1.34            | 25.8                     | 180     |
| 22334    | 1.31 X 1.31 X 0.75        | 13.98                    | 390     | 22279    | 1.32 X 1.56        | 10.5                     | 170     | 23329    | 1.34            | 27.6                     | 181     |
| 22333    | 1.31 X 1.31 X 0.75        | 17.38                    | 391     | 22346    | 1.33               | 11.2                     | 170     | 22123    | 1.34            | 28.5                     | 181     |
| 22697    | 1.31 X 1.31 X 0.75        | 18.4                     | 391     | 23279    | 1.33               | 12.8                     | 171     | 21870    | 1.34            | 28.6                     | 181     |
| 23666    | 1.31 X 1.31 X 0.75        | 18.5                     | 391     | 22347    | 1.33               | 13.6                     | 171     | 23316    | 1.34            | 30                       | 181     |
| 23129    | 1.31 X 1.31 X 0.75        | 25.4                     | 391     | 22073    | 1.33               | 13.8                     | 171     | 22124    | 1.34            | 30.9                     | 181     |
| 23494    | 1.31 X 1.31 X 0.75        | 49.3                     | 392     | 22589    | 1.33               | 13.9                     | 171     | 23328    | 1.34            | 32.1                     | 181     |
| 23502    | 1.31 X 1.31 X 0.75        | 50.7                     | 392     | 23291    | 1.33               | 13.9                     | 171     | 23315    | 1.34            | 35.1                     | 182     |
| 23503    | 1.31 X 1.31 X 0.75 X 0.75 | 31.2                     | 392     | 22072    | 1.33               | 14.7                     | 171     | 23434    | 1.34 X 1.44     | 14.7                     | 182     |
|          |                           |                          |         | 22552    | 1.33               | 15.4                     | 171     | 24274    | 1.34 X 1.45     | 14.6                     | 182     |
| 22527    | 1.31 X 1.31 X 0.76        | 27.75                    | 393     | 23591    | 1.33               | 16.1                     | 171     | 21865    | 1.34 X 1.48     | 31.8                     | 182     |
| 23355    | 1.31 X 1.31 X 0.87        | 30.2                     | 393     | 23949    | 1.33               | 16.62                    | 171     | 22626    | 1.34 X 1.5      | 12.7                     | 182     |
| 22611    | 1.31 X 1.43               | 25                       | 162     | 22397    | 1.33               | 17.3                     | 172     | 22625    | 1.34 X 1.5      | 20.4                     | 182     |
| 20773    | 1.31 X 1.44               | 10.7                     | 162     | 22656    | 1.33               | 17.6                     | 172     | 22224    | 1.34 X 1.5      | 21.6                     | 183     |
| 22501    | 1.31 X 1.44               | 13.2                     | 162     | 22379    | 1.33               | 18.1                     | 172     | 22643    | 1.34 X 1.5      | 27.6                     | 183     |
| 23728    | 1.31 X 1.44               | 13.3                     | 162     | 23950    | 1.33               | 18.19                    | 172     | 22004    | 1.34 X 1.5      | 38.6                     | 183     |
| 23357    | 1.31 X 1.46               | 16.3                     | 162     | 22056    | 1.33               | 18.5                     | 172     | 22225    | 1.34 X 1.5      | 41.4                     | 183     |
| 22424    | 1.31 X 1.46               | 24                       | 162     | 23292    | 1.33               | 18.6                     | 172     | 23082    | 1.34 X 1.53     | 6.4                      | 183     |
| 22926    | 1.31 X 1.47               | 17                       | 162     | 22070    | 1.33               | 18.8                     | 172     | 22235    | 1.34 X 1.53     | 14                       | 183     |
| 22612    | 1.31 X 1.48               | 19.1                     | 163     | 22029    | 1.33               | 19.1                     | 173     | 22236    | 1.34 X 1.53     | 20.8                     | 183     |
| 21634    | 1.31 X 1.5                | 3.6                      | 163     | 22660    | 1.33               | 19.4                     | 173     | 22275    | 1.34 X 1.55     | 18.2                     | 184     |
| 22911    | 1.31 X 1.5                | 11.2                     | 163     | 22416    | 1.33               | 19.8                     | 173     | 22478    | 1.34 X 1.55     | 20                       | 184     |
| 23024    | 1.31 X 1.5                | 13.2                     | 163     | 22064    | 1.33               | 19.9                     | 173     | 21866    | 1.34 X 1.56     | 9.1                      | 184     |
| 23025    | 1.31 X 1.5                | 16.2                     | 163     | 22167    | 1.33               | 20                       | 173     | 21572    | 1.34 X 1.56     | 13.9                     | 184     |
| 23045    | 1.31 X 1.5                | 17.3                     | 163     | 22622    | 1.33               | 20.8                     | 173     | 23451    | 1.34 X 1.56     | 16.3                     | 184     |
| 22910    | 1.31 X 1.5                | 20.6                     | 163     | 22658    | 1.33               | 21                       | 173     | 21965    | 1.34 X 1.56     | 24.2                     | 184     |
| 23113    | 1.31 X 1.5                | 21.4                     | 164     | 23592    | 1.33               | 21                       | 173     | 21878    | 1.34 X 1.56     | 41.3                     | 184     |
| 21675    | 1.31 X 1.5                | 25.6                     | 164     | 22028    | 1.33               | 21.6                     | 174     | 23918    | 1.35            | 9.1                      | 185     |
| 23029    | 1.31 X 1.5                | 27.9                     | 164     | 22055    | 1.33               | 23.2                     | 174     | 23882    | 1.35            | 11.2                     | 185     |
| 22881    | 1.31 X 1.5                | 28.6                     | 164     | 23381    | 1.33               | 23.2                     | 174     | 22422    | 1.35            | 11.9                     | 185     |
| 23031    | 1.31 X 1.5                | 36.5                     | 164     | 23380    | 1.33               | 24.2                     | 174     | 23425    | 1.35            | 12.3                     | 185     |
| 21785    | 1.31 X 1.5 X 0.75         | 11.13                    | 393     | 22480    | 1.33               | 27                       | 174     | 23415    | 1.35            | 12.7                     | 185     |
| 23497    | 1.31 X 1.51               | 10.8                     | 164     | 23713    | 1.33               | 30.8                     | 174     | 23915    | 1.35            | 12.94                    | 185     |
| 23551    | 1.31 X 1.52               | 16.6                     | 164     | 22076    | 1.33               | 35.8                     | 174     | 23424    | 1.35            | 13                       | 185     |
| 23524    | 1.31 X 1.53               | 12.2                     | 165     | 23769    | 1.33 X 1.33 X 0.73 | 31                       | 394     | 23910    | 1.35            | 13.7                     | 185     |
| 23498    | 1.31 X 1.53               | 14.2                     | 165     | 22852    | 1.33 X 1.49        | 19.3                     | 175     | 23649    | 1.35            | 13.8                     | 185     |
| 23430    | 1.31 X 1.53               | 16.8                     | 165     | 24253    | 1.33 X 1.5         | 12.3                     | 175     | 23646    | 1.35            | 14.4                     | 185     |
| 22472    | 1.31 X 1.55               | 13.7                     | 165     | 22591    | 1.33 X 1.5         | 24.9                     | 175     | 23914    | 1.35            | 14.8                     | 186     |
| 23803    | 1.31 X 1.55               | 24.4                     | 165     | 22588    | 1.33 X 1.52        | 9.9                      | 175     | 22981    | 1.35            | 14.9                     | 186     |
| 21887    | 1.31 X 1.56               | 5.9                      | 165     | 24143    | 1.33 X 1.56        | 9.6                      | 175     | 23621    | 1.35            | 15.2                     | 186     |
| 21795    | 1.31 X 1.56 X 0.69        | 17.5                     | 393     | 22378    | 1.33 X 1.56        | 25.6                     | 175     | 23623    | 1.35            | 15.8                     | 186     |
| 23495    | 1.31 X 1.57               | 14.4                     | 165     | 22074    | 1.33 X 1.56        | 28.9                     | 176     | 23937    | 1.35            | 15.98                    | 186     |
| 22933    | 1.31 X 1.61               | 16.1                     | 166     | 22089    | 1.33 X 1.64        | 10.8                     | 176     | 23922    | 1.35            | 18.1                     | 186     |
| 22930    | 1.31 X 1.62               | 12.2                     | 166     | 22531    | 1.34               | 9.1                      | 176     | 23909    | 1.35            | 18.3                     | 186     |
| 22932    | 1.31 X 1.7                | 10.8                     | 166     | 22563    | 1.34               | 10.4                     | 176     | 23244    | 1.35            | 18.4                     | 186     |
| 22931    | 1.31 X 1.7                | 12.9                     | 166     | 22186    | 1.34               | 10.5                     | 176     | 23253    | 1.35            | 18.6                     | 186     |
| 22721    | 1.32                      | 10.864                   | 166     | 21734    | 1.34               | 10.8                     | 176     | 23428    | 1.35            | 19.3                     | 187     |
| 23288    | 1.32                      | 11.2                     | 166     | 22794    | 1.34               | 11.1                     | 176     | 23907    | 1.35            | 19.7                     | 187     |
| 22453    | 1.32                      | 13.2                     | 166     | 22459    | 1.34               | 11.5                     | 176     | 24149    | 1.35            | 20.8                     | 187     |
| 23534    | 1.32                      | 13.2                     | 166     | 22325    | 1.34               | 12                       | 176     | 23187    | 1.35            | 21.9                     | 187     |
| 23537    | 1.32                      | 14                       | 167     | 21982    | 1.34               | 12.8                     | 177     | 23801    | 1.35            | 22.2                     | 187     |
| 23339    | 1.32                      | 14.6                     | 167     | 21980    | 1.34               | 13.7                     | 177     | 23619    | 1.35            | 22.3                     | 187     |
| 23735    | 1.32                      | 15.4                     | 167     | 22326    | 1.34               | 14                       | 177     | 23756    | 1.35            | 22.5                     | 187     |
| 22647    | 1.32                      | 15.8                     | 167     | 21778    | 1.34               | 14.8                     | 177     | 23414    | 1.35            | 23                       | 188     |
| 22560    | 1.32                      | 15.9                     | 167     | 22183    | 1.34               | 14.8                     | 177     | 23407    | 1.35            | 23.4                     | 188     |
| 22627    | 1.32                      | 15.9                     | 167     | 21170    | 1.34               | 17.4                     | 177     | 23064    | 1.35            | 24.6                     | 188     |
| 22659    | 1.32                      | 15.9                     | 167     | 23598    | 1.34               | 17.5                     | 177     | 23898    | 1.35            | 24.9                     | 188     |
| 22720    | 1.32                      | 16.278                   | 167     | 22185    | 1.34               | 17.7                     | 177     | 23903    | 1.35            | 25.4                     | 188     |
| 22844    | 1.32                      | 17.21                    | 167     | 21813    | 1.34               | 17.8                     | 178     | 22821    | 1.35            | 25.5                     | 188     |
| 23727    | 1.32                      | 17.4                     | 168     | 22014    | 1.34               | 18.2                     | 178     | 23712    | 1.35            | 25.5                     | 189     |
| 23340    | 1.32                      | 18.8                     | 168     | 22197    | 1.34               | 18.2                     | 178     | 23737    | 1.35            | 25.6                     | 189     |
| 22587    | 1.32                      | 19.5                     | 168     | 23331    | 1.34               | 19.3                     | 178     | 23902    | 1.35            | 25.7                     | 189     |
| 22845    | 1.32                      | 19.7                     | 168     | 23330    | 1.34               | 19.7                     | 178     | 23738    | 1.35            | 26.2                     | 189     |
| 22758    | 1.32                      | 19.9                     | 168     | 22145    | 1.34               | 20.7                     | 178     | 22799    | 1.35            | 26.8                     | 189     |
| 23289    | 1.32                      | 20                       | 168     | 22184    | 1.34               | 21                       | 178     | 23650    | 1.35            | 26.8                     | 189     |
| 23726    | 1.32                      | 20.2                     | 168     | 22327    | 1.34               | 21.2                     | 179     | 23416    | 1.35            | 26.9                     | 190     |
| 23798    | 1.32                      | 20.2                     | 169     | 21352    | 1.34               | 21.4                     | 179     | 23901    | 1.35            | 27.1                     | 190     |
| 22564    | 1.32                      | 21.6                     | 169     | 23359    | 1.34               | 21.4                     | 179     | 22481    | 1.35            | 27.3                     | 190     |
| 23732    | 1.32                      | 21.8                     | 169     | 21780    | 1.34               | 22                       | 179     | 23904    | 1.35            | 27.3                     | 190     |
| 23800    | 1.32                      | 21.9                     | 169     | 21720    | 1.34               | 22.3                     | 179     | 23905    | 1.35            | 27.4                     | 190     |
| 23720    | 1.32                      | 22.6                     | 169     | 23358    | 1.34               | 22.3                     | 179     | 23897    | 1.35            | 28.4                     | 190     |
| 23368    | 1.32                      | 26.8                     | 169     | 22146    | 1.34               | 22.7                     | 179     | 23920    | 1.35            | 28.6                     | 190     |

## Hose Dimensions — Listed in Order by Inside Diameter

| Part No. | Hose I.D. (In.)           | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)    | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)           | Center Line Length (In.) | Row No. |
|----------|---------------------------|--------------------------|---------|----------|--------------------|--------------------------|---------|----------|---------------------------|--------------------------|---------|
| 23906    | 1.35                      | 29                       | 191     | 21960    | 1.38 X 1.54        | 25.1                     | 200     | 22941    | 1.44 X 1.65               | 34                       | 211     |
| 23639    | 1.35                      | 29.1                     | 191     | 21914    | 1.38 X 1.56        | 8.1                      | 200     | 22735    | 1.44 X 1.66               | 16.066                   | 211     |
| 23900    | 1.35                      | 29.3                     | 191     | 20786    | 1.38 X 1.56        | 14.5                     | 200     | 22940    | 1.44 X 1.75               | 12.5                     | 211     |
| 23647    | 1.35                      | 31.2                     | 191     | 20928    | 1.38 X 1.56        | 16.4                     | 201     | 22900    | 1.44 X 1.8                | 20.6                     | 211     |
| 23637    | 1.35                      | 33.2                     | 191     | 21966    | 1.38 X 1.56        | 23.1                     | 201     | 21931    | 1.44 X 2.44               | 15.9                     | 211     |
| 23736    | 1.35                      | 33.9                     | 191     | 21934    | 1.38 X 1.62        | 9.1                      | 201     | 23478    | 1.45                      | 9.6                      | 211     |
| 23190    | 1.35                      | 36.1                     | 394     | 22574    | 1.38 X 1.62        | 12.5                     | 201     | 23685    | 1.45                      | 13.4                     | 212     |
| 23530    | 1.35                      | 40.7                     | 191     | 22585    | 1.38 X 1.62        | 12.8                     | 201     | 22509    | 1.45                      | 15                       | 212     |
| 23413    | 1.35                      | 42.5                     | 192     | 22581    | 1.38 X 1.62        | 16.3                     | 201     | 22377    | 1.45                      | 15.3                     | 212     |
| 23412    | 1.35                      | 43                       | 192     | 22575    | 1.38 X 1.62        | 17.4                     | 201     | 23477    | 1.45                      | 16.4                     | 212     |
| 23578    | 1.35                      | 43.8                     | 394     | 22580    | 1.38 X 1.62        | 19.9                     | 202     | 22691    | 1.45                      | 19.21                    | 212     |
| 23440    | 1.35 X 1.35               | 14.8                     | 394     | 22583    | 1.38 X 1.62        | 28                       | 202     | 22680    | 1.45                      | 19.86                    | 212     |
| 23579    | 1.35 X 1.35               | 39.1                     | 394     | 21666    | 1.38 X 1.63        | 10.4                     | 202     | 22122    | 1.45                      | 21.7                     | 212     |
| 23193    | 1.35 X 1.35 X 0.48        | 35.9                     | 395     | 21749    | 1.38 X 1.75        | 14.3                     | 202     | 23287    | 1.45                      | 22.1                     | 212     |
| 23192    | 1.35 X 1.35 X 0.6         | 35                       | 395     | 21922    | 1.38 X 1.75        | 17                       | 202     | 22150    | 1.45                      | 22.6                     | 213     |
| 23454    | 1.35 X 1.45               | 19.4                     | 192     | 21590    | 1.38 X 2.5         | 12.5                     | 202     | 24262    | 1.45                      | 22.9                     | 213     |
| 22084    | 1.35 X 1.49               | 46.9                     | 192     | 22619    | 1.39               | 15.9                     | 202     | 22530    | 1.45                      | 23.4                     | 213     |
| 23463    | 1.35 X 1.5                | 12.8                     | 192     | 22617    | 1.39               | 18.3                     | 203     | 22376    | 1.45                      | 25.3                     | 213     |
| 23810    | 1.35 X 1.5                | 19.4                     | 192     | 22284    | 1.39 X 1.47        | 23.7                     | 203     | 22144    | 1.45                      | 28.9                     | 213     |
| 23464    | 1.35 X 1.5                | 19.6                     | 193     | 24141    | 1.39 X 1.5         | 15.3                     | 203     | 22245    | 1.45                      | 35.2                     | 213     |
| 23811    | 1.35 X 1.5                | 20                       | 193     | 21834    | 1.39 X 1.52        | 26.5                     | 203     | 22840    | 1.45 X 1.45 X 0.61 X 0.61 | 28                       | 396     |
| 22234    | 1.35 X 1.53               | 15.7                     | 193     | 23465    | 1.4 X 1.5          | 32.5                     | 203     |          |                           |                          |         |
| 22233    | 1.35 X 1.53               | 24                       | 193     | 21624    | 1.4 X 1.53         | 26.8                     | 204     | 22839    | 1.45 X 1.45 X 0.62 X 0.62 | 12.4                     | 396     |
| 23243    | 1.36                      | 9                        | 193     | 24139    | 1.41               | 12                       | 204     |          |                           |                          |         |
| 22517    | 1.36                      | 10.9                     | 193     | 21498    | 1.41               | 16.9                     | 204     | 22562    | 1.45 X 1.45 X 0.73        | 15.49                    | 396     |
| 22515    | 1.36                      | 12.2                     | 193     | 22586    | 1.41               | 18.6                     | 204     | 22662    | 1.45 X 1.45 X 0.93        | 43.27                    | 397     |
| 23280    | 1.36                      | 15.1                     | 193     | 22088    | 1.41               | 22.9                     | 204     | 23961    | 1.45 X 1.48               | 21.5                     | 214     |
| 23281    | 1.36                      | 17.3                     | 194     | 22681    | 1.41               | 24.3                     | 204     | 23250    | 1.45 X 1.74               | 5.6                      | 214     |
| 22618    | 1.36                      | 17.4                     | 194     | 21496    | 1.41               | 25                       | 205     | 23112    | 1.45 X 1.8                | 32.1                     | 214     |
| 23476    | 1.36                      | 18.8                     | 194     | 22592    | 1.41 X 1.48        | 16.1                     | 205     | 22545    | 1.46                      | 7.5                      | 214     |
| 24159    | 1.36 X 0.62               | 19.125                   | 395     | 22024    | 1.42               | 24.5                     | 205     | 23309    | 1.46                      | 13.4                     | 214     |
| 23180    | 1.36 X 1.35 X 0.61 X 0.61 | 10.3                     | 395     | 22594    | 1.42 X 1.47        | 27.4                     | 205     | 22543    | 1.46                      | 13.7                     | 214     |
|          |                           |                          |         | 21886    | 1.42 X 1.5         | 17.6                     | 205     | 22547    | 1.46                      | 15.5                     | 215     |
| 24113    | 1.36 X 1.5                | 15.3                     | 194     | 22584    | 1.42 X 1.54        | 12.6                     | 205     | 22544    | 1.46                      | 18                       | 215     |
| 24066    | 1.37                      | 10.23                    | 194     | 22582    | 1.42 X 1.62        | 19.5                     | 205     | 22489    | 1.46                      | 18.3                     | 215     |
| 23313    | 1.37                      | 12.4                     | 194     | 22802    | 1.43               | 6.3                      | 206     | 22546    | 1.46                      | 19.6                     | 215     |
| 23314    | 1.37                      | 23.8                     | 194     | 23271    | 1.43               | 18.9                     | 206     | 22831    | 1.46                      | 20.1                     | 215     |
| 21506    | 1.37                      | 25                       | 194     | 24116    | 1.43 X 1.43 X 0.3  | 18                       | 395     | 22832    | 1.46                      | 20.2                     | 215     |
| 23148    | 1.37                      | 25.8                     | 195     | 22728    | 1.438 X 1.549      | 29.4                     | 206     | 22675    | 1.46                      | 22                       | 215     |
| 21501    | 1.37                      | 25.9                     | 195     | 21652    | 1.44               | 10.8                     | 206     | 22674    | 1.46                      | 22.9                     | 215     |
| 23805    | 1.37                      | 30                       | 195     | 22051    | 1.44               | 11.6                     | 206     | 23310    | 1.46                      | 22.9                     | 216     |
| 21651    | 1.37 X 1.5                | 10.1                     | 195     | 23873    | 1.44               | 13.5                     | 206     | 23018    | 1.46                      | 25.1                     | 216     |
| 21499    | 1.37 X 1.56               | 20.9                     | 195     | 22132    | 1.44               | 14.1                     | 206     | 22035    | 1.46                      | 27.4                     | 216     |
| 22573    | 1.38                      | 5.1                      | 195     | 23457    | 1.44               | 14.4                     | 206     | 23311    | 1.46                      | 27.8                     | 216     |
| 21457    | 1.38                      | 5.6                      | 195     | 24151    | 1.44               | 14.9                     | 206     | 22066    | 1.46 X 1.49               | 37.2                     | 216     |
| 24152    | 1.38                      | 6.7                      | 195     | 23852    | 1.44               | 15.6                     | 207     | 21623    | 1.46 X 1.5                | 16.6                     | 216     |
| 20776    | 1.38                      | 9.5                      | 196     | 22672    | 1.44               | 16.2                     | 207     | 22590    | 1.46 X 1.53               | 12.5                     | 216     |
| 21497    | 1.38                      | 11.2                     | 196     | 22790    | 1.44               | 16.5                     | 207     | 22579    | 1.46 X 1.62               | 15.6                     | 217     |
| 21500    | 1.38                      | 12.3                     | 196     | 22449    | 1.44               | 16.7                     | 207     | 22491    | 1.46 X 1.63               | 24.5                     | 217     |
| 22411    | 1.38                      | 12.3                     | 196     | 24179    | 1.44               | 17.1                     | 207     | 21615    | 1.46 X 1.78               | 20.8                     | 217     |
| 21398    | 1.38                      | 13.6                     | 196     | 21976    | 1.44               | 17.6                     | 207     | 22364    | 1.47                      | 11.7                     | 217     |
| 21356    | 1.38                      | 14.5                     | 196     | 22817    | 1.44               | 18.1                     | 207     | 22923    | 1.47                      | 14.2                     | 217     |
| 22871    | 1.38                      | 16.5                     | 196     | 21543    | 1.44               | 18.2                     | 207     | 22350    | 1.47                      | 15                       | 217     |
| 21935    | 1.38                      | 16.6                     | 196     | 24176    | 1.44               | 18.3                     | 208     | 22022    | 1.47                      | 16.2                     | 217     |
| 22866    | 1.38                      | 17.3                     | 197     | 24135    | 1.44               | 18.5                     | 208     | 22363    | 1.47                      | 16.5                     | 217     |
| 22865    | 1.38                      | 17.5                     | 197     | 22942    | 1.44               | 18.6                     | 208     | 22220    | 1.47                      | 16.7                     | 218     |
| 22890    | 1.38                      | 18.5                     | 197     | 24180    | 1.44               | 18.9                     | 208     | 23684    | 1.47                      | 16.8                     | 218     |
| 22889    | 1.38                      | 19.2                     | 197     | 24136    | 1.44               | 19.1                     | 208     | 22244    | 1.47                      | 17.5                     | 218     |
| 22412    | 1.38                      | 20.7                     | 197     | 22058    | 1.44               | 20.1                     | 208     | 22155    | 1.47                      | 19                       | 218     |
| 21449    | 1.38                      | 22.7                     | 197     | 22567    | 1.44               | 20.2                     | 208     | 22380    | 1.47                      | 19.1                     | 218     |
| 21232    | 1.38                      | 23                       | 197     | 24189    | 1.44               | 20.8                     | 208     | 22219    | 1.47                      | 21.5                     | 218     |
| 21973    | 1.38                      | 23.1                     | 198     | 21898    | 1.44               | 21.8                     | 209     | 22393    | 1.47                      | 21.8                     | 218     |
| 22870    | 1.38                      | 23.9                     | 198     | 23151    | 1.44               | 25.3                     | 209     | 22242    | 1.47                      | 22.9                     | 218     |
| 22621    | 1.38                      | 24.1                     | 198     | 22044    | 1.44               | 25.6                     | 209     | 22392    | 1.47                      | 23.3                     | 219     |
| 21596    | 1.38                      | 24.3                     | 198     | 22789    | 1.44               | 25.7                     | 209     | 22310    | 1.47                      | 23.7                     | 219     |
| 21975    | 1.38                      | 25.8                     | 198     | 22020    | 1.44               | 27.1                     | 209     | 22300    | 1.47                      | 24.9                     | 219     |
| 23372    | 1.38                      | 29.1                     | 198     | 21900    | 1.44               | 29.4                     | 209     | 23716    | 1.47                      | 25.2                     | 219     |
| 22891    | 1.38                      | 31.8                     | 198     | 22043    | 1.44               | 36.2                     | 209     | 23679    | 1.47                      | 25.6                     | 219     |
| 23371    | 1.38                      | 33.9                     | 199     | 23866    | 1.44               | 37.71                    | 210     | 22349    | 1.47                      | 26.5                     | 219     |
| 22635    | 1.38 X 1.45               | 17.92                    | 199     | 24174    | 1.44               | 44.3                     | 210     | 22289    | 1.47                      | 26.8                     | 219     |
| 24140    | 1.38 X 1.5                | 14.6                     | 199     | 21736    | 1.44 X 1.5         | 19.2                     | 210     | 22286    | 1.47                      | 26.9                     | 220     |
| 24138    | 1.38 X 1.5                | 14.7                     | 199     | 21575    | 1.44 X 1.5         | 21.9                     | 210     | 22157    | 1.47                      | 27.3                     | 220     |
| 20805    | 1.38 X 1.5                | 15                       | 199     | 22050    | 1.44 X 1.56        | 6.6                      | 210     | 22248    | 1.47                      | 27.8                     | 220     |
| 24146    | 1.38 X 1.5                | 17.3                     | 199     | 22878    | 1.44 X 1.6         | 16.1                     | 210     | 22307    | 1.47                      | 27.8                     | 220     |
| 21429    | 1.38 X 1.5                | 27.8                     | 200     | 23458    | 1.44 X 1.6         | 19.7                     | 210     | 23671    | 1.47                      | 28.5                     | 220     |
| 22593    | 1.38 X 1.52               | 34.3                     | 200     | 21655    | 1.44 X 1.62        | 20.3                     | 211     | 22290    | 1.47                      | 30.4                     | 220     |
| 23185    | 1.38 X 1.54               | 16.8                     | 200     | 22388    | 1.44 X 1.62 X 0.94 | 40                       | 396     | 22288    | 1.47                      | 32.5                     | 220     |

## Hose Dimensions — Listed in Order by Inside Diameter

| Part No. | Hose I.D. (In.)           | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. |
|----------|---------------------------|--------------------------|---------|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|
| 23681    | 1.47                      | 33                       | 220     | 23577    | 1.5             | 11.8                     | 400     | 20921    | 1.5             | 18.7                     | 238     |
| 22646    | 1.47                      | 35.58                    | 221     | 21852    | 1.5             | 12.2                     | 228     | 23618    | 1.5             | 18.7                     | 238     |
| 23682    | 1.47 X 1.25               | 20.2                     | 221     | 23608    | 1.5             | 12.2                     | 228     | 23770    | 1.5             | 18.8                     | 238     |
| 22255    | 1.47 X 1.47 X 0.59        | 18.4                     | 397     | 23609    | 1.5             | 12.2                     | 228     | 21434    | 1.5             | 18.9                     | 239     |
| 22254    | 1.47 X 1.47 X 0.6         | 15.6                     | 397     | 20953    | 1.5             | 12.3                     | 229     | 22495    | 1.5             | 18.9                     | 239     |
| 22351    | 1.47 X 1.47 X 0.6         | 17.31                    | 397     | 22497    | 1.5             | 12.3                     | 229     | 20919    | 1.5             | 19                       | 239     |
| 22369    | 1.47 X 1.47 X 0.72        | 9.9                      | 397     | 22498    | 1.5             | 12.3                     | 229     | 21271    | 1.5             | 19                       | 239     |
| 22368    | 1.47 X 1.47 X 0.72        | 10.95                    | 398     | 23037    | 1.5             | 12.7                     | 229     | 21612    | 1.5             | 19                       | 239     |
| 22243    | 1.47 X 1.47 X 0.73        | 17.5                     | 398     | 23139    | 1.5             | 12.7                     | 229     | 23958    | 1.5             | 19                       | 239     |
| 22149    | 1.47 X 1.47 X 0.75        | 13.96                    | 398     | 20294    | 1.5             | 12.8                     | 229     | 21673    | 1.5             | 19.3                     | 239     |
| 22787    | 1.47 X 1.47 X 0.95        | 43.6                     | 398     | 20473    | 1.5             | 12.8                     | 229     | 23054    | 1.5             | 19.5                     | 240     |
| 21927    | 1.47 X 1.47 X 0.96        | 46.96                    | 398     | 23041    | 1.5             | 12.8                     | 229     | 20809    | 1.5             | 19.6                     | 240     |
| 23049    | 1.47 X 1.47 X 0.99        | 17.3                     | 399     | 23055    | 1.5             | 12.8                     | 229     | 23233    | 1.5             | 19.6                     | 240     |
| 22156    | 1.47 X 1.5                | 14.1                     | 221     | 20166    | 1.5             | 12.9                     | 230     | 20380    | 1.5             | 19.8                     | 240     |
| 22241    | 1.47 X 1.54               | 17.9                     | 221     | 23466    | 1.5             | 12.9                     | 230     | 20442    | 1.5             | 20.2                     | 240     |
| 24275    | 1.47 X 1.54               | 31.3                     | 221     | 23838    | 1.5             | 12.9                     | 230     | 21953    | 1.5             | 20.2                     | 240     |
| 22576    | 1.47 X 1.62               | 20.7                     | 221     | 22993    | 1.5             | 13                       | 230     | 20875    | 1.5             | 20.3                     | 241     |
| 22249    | 1.47 X 1.71 X 0.98        | 14.7                     | 399     | 23172    | 1.5             | 13                       | 230     | 20993    | 1.5             | 20.4                     | 241     |
| 22311    | 1.47 X 1.72               | 11.4                     | 221     | 23361    | 1.5             | 13                       | 230     | 22484    | 1.5             | 20.4                     | 241     |
| 22283    | 1.47 X 1.72               | 13.5                     | 222     | 23410    | 1.5             | 13.2                     | 230     | 20606    | 1.5             | 20.5                     | 241     |
| 22280    | 1.47 X 1.72               | 26.4                     | 222     | 20722    | 1.5             | 13.5                     | 230     | 21794    | 1.5             | 20.5                     | 241     |
| 22142    | 1.47 X 1.72               | 32.7                     | 222     | 23813    | 1.5             | 13.5                     | 231     | 20416    | 1.5             | 20.6                     | 242     |
| 22777    | 1.47 X 1.73               | 21.1                     | 222     | 22477    | 1.5             | 13.7                     | 231     | 20466    | 1.5             | 20.6                     | 242     |
| 22861    | 1.47 X 1.74               | 50.8                     | 399     | 20733    | 1.5             | 13.9                     | 231     | 20626    | 1.5             | 20.6                     | 242     |
| 22305    | 1.47 X 1.75               | 30.4                     | 222     | 20355    | 1.5             | 14                       | 231     | 20763    | 1.5             | 20.6                     | 242     |
| 22732    | 1.475 X 1.794             | 20.9                     | 222     | 22222    | 1.5             | 14.1                     | 231     | 20602    | 1.5             | 20.7                     | 242     |
| 22719    | 1.48                      | 10.836                   | 222     | 24335    | 1.5             | 14.1                     | 231     | 20817    | 1.5             | 20.8                     | 242     |
| 22803    | 1.48                      | 11.7                     | 223     | 20511    | 1.5             | 14.8                     | 231     | 22303    | 1.5             | 20.8                     | 242     |
| 23674    | 1.48                      | 15.5                     | 223     | 21026    | 1.5             | 14.8                     | 231     | 21179    | 1.5             | 20.9                     | 243     |
| 22793    | 1.48                      | 15.6                     | 223     | 22682    | 1.5             | 14.9                     | 232     | 21585    | 1.5             | 20.9                     | 243     |
| 22692    | 1.48                      | 17.67                    | 223     | 23954    | 1.5             | 15                       | 232     | 20229    | 1.5             | 21.1                     | 243     |
| 22761    | 1.48                      | 20.4                     | 223     | 21660    | 1.5             | 15.1                     | 232     | 20949    | 1.5             | 21.1                     | 243     |
| 22791    | 1.48                      | 25.5                     | 223     | 22533    | 1.5             | 15.2                     | 232     | 20816    | 1.5             | 21.2                     | 243     |
| 23272    | 1.48                      | 26.2                     | 223     | 22166    | 1.5             | 15.3                     | 232     | 22446    | 1.5             | 21.2                     | 243     |
| 23601    | 1.48                      | 26.9                     | 224     | 23576    | 1.5             | 15.3                     | 400     | 20947    | 1.5             | 21.3                     | 244     |
| 23270    | 1.48                      | 28.1                     | 224     | 21933    | 1.5             | 15.5                     | 232     | 23097    | 1.5             | 21.4                     | 244     |
| 23542    | 1.48                      | 31                       | 224     | 20386    | 1.5             | 15.6                     | 232     | 20542    | 1.5             | 21.6                     | 244     |
| 22806    | 1.48 X 1.48               | 23                       | 399     | 20734    | 1.5             | 15.7                     | 232     | 20597    | 1.5             | 21.6                     | 244     |
| 23269    | 1.48 X 1.48 X 0.62        | 15.6                     | 399     | 21997    | 1.5             | 15.9                     | 233     | 22994    | 1.5             | 21.6                     | 244     |
| 23544    | 1.48 X 1.52               | 35.7                     | 224     | 20630    | 1.5             | 16                       | 233     | 23050    | 1.5             | 21.9                     | 244     |
| 22578    | 1.48 X 1.62               | 18.9                     | 224     | 23938    | 1.5             | 16.05                    | 233     | 20406    | 1.5             | 22                       | 244     |
| 22595    | 1.48 X 1.62               | 31.9                     | 225     | 20226    | 1.5             | 16.2                     | 233     | 20836    | 1.5             | 22.5                     | 245     |
| 22661    | 1.48 X 1.77               | 15.3                     | 225     | 22555    | 1.5             | 16.2                     | 233     | 21945    | 1.5             | 22.6                     | 245     |
| 22750    | 1.49                      | 15.6                     | 225     | 20982    | 1.5             | 16.3                     | 233     | 21157    | 1.5             | 22.7                     | 245     |
| 22441    | 1.49                      | 17.7                     | 225     | 21974    | 1.5             | 16.4                     | 233     | 21712    | 1.5             | 22.7                     | 245     |
| 22788    | 1.49                      | 21.4                     | 225     | 20594    | 1.5             | 16.5                     | 234     | 21714    | 1.5             | 22.9                     | 245     |
| 22482    | 1.49                      | 23                       | 225     | 21344    | 1.5             | 16.5                     | 234     | 20504    | 1.5             | 23                       | 245     |
| 22797    | 1.49                      | 24.5                     | 399     | 23039    | 1.5             | 16.5                     | 234     | 20549    | 1.5             | 23                       | 246     |
| 22796    | 1.49 X 1.49 X 0.62 X 0.62 | 15.6                     | 400     | 20088    | 1.5             | 16.6                     | 234     | 21113    | 1.5             | 23.2                     | 246     |
| 23267    | 1.49 X 1.49 X 0.95        | 26.2                     | 400     | 20540    | 1.5             | 16.6                     | 234     | 21406    | 1.5             | 23.3                     | 246     |
| 22039    | 1.49 X 1.75               | 17.7                     | 225     | 21576    | 1.5             | 16.6                     | 234     | 21220    | 1.5             | 23.4                     | 246     |
| 24078    | 1.5                       | 4.9                      | 226     | 22886    | 1.5             | 16.6                     | 234     | 22917    | 1.5             | 23.4                     | 246     |
| 21145    | 1.5                       | 7.6                      | 226     | 23053    | 1.5             | 16.7                     | 234     | 21645    | 1.5             | 23.5                     | 246     |
| 20267    | 1.5                       | 7.8                      | 226     | 21106    | 1.5             | 16.8                     | 235     | 22859    | 1.5             | 23.7                     | 246     |
| 21735    | 1.5                       | 8.3                      | 226     | 20370    | 1.5             | 17                       | 235     | 21141    | 1.5             | 23.9                     | 247     |
| 22448    | 1.5                       | 8.4                      | 226     | 23814    | 1.5             | 17                       | 235     | 20686    | 1.5             | 24.1                     | 247     |
| 22838    | 1.5                       | 8.4                      | 226     | 24080    | 1.5             | 17                       | 235     | 20874    | 1.5             | 24.2                     | 247     |
| 23043    | 1.5                       | 8.8                      | 226     | 22810    | 1.5             | 17.1                     | 235     | 24265    | 1.5             | 24.3                     | 247     |
| 20900    | 1.5                       | 8.9                      | 226     | 20230    | 1.5             | 17.2                     | 235     | 20607    | 1.5             | 24.4                     | 247     |
| 20065    | 1.5                       | 9.8                      | 226     | 20465    | 1.5             | 17.2                     | 235     | 20541    | 1.5             | 24.6                     | 248     |
| 22553    | 1.5                       | 10                       | 226     | 21278    | 1.5             | 17.2                     | 236     | 21052    | 1.5             | 24.6                     | 248     |
| 23819    | 1.5                       | 10                       | 227     | 23363    | 1.5             | 17.4                     | 236     | 21998    | 1.5             | 24.6                     | 248     |
| 24079    | 1.5                       | 10.1                     | 227     | 22447    | 1.5             | 17.5                     | 236     | 20704    | 1.5             | 24.7                     | 248     |
| 21851    | 1.5                       | 10.2                     | 227     | 22154    | 1.5             | 17.8                     | 236     | 21954    | 1.5             | 24.9                     | 248     |
| 21399    | 1.5                       | 10.3                     | 227     | 20121    | 1.5             | 17.9                     | 236     | 22467    | 1.5             | 25.2                     | 248     |
| 22486    | 1.5                       | 10.6                     | 227     | 22006    | 1.5             | 17.9                     | 236     | 23870    | 1.5             | 25.23                    | 248     |
| 22494    | 1.5                       | 10.7                     | 227     | 23234    | 1.5             | 17.9                     | 237     | 20543    | 1.5             | 25.4                     | 249     |
| 22885    | 1.5                       | 10.7                     | 227     | 23460    | 1.5             | 18                       | 237     | 20914    | 1.5             | 25.4                     | 249     |
| 21203    | 1.5                       | 11.4                     | 227     | 20814    | 1.5             | 18.1                     | 237     | 21955    | 1.5             | 25.4                     | 249     |
| 23611    | 1.5                       | 11.4                     | 227     | 22139    | 1.5             | 18.1                     | 237     | 21912    | 1.5             | 25.5                     | 249     |
| 20450    | 1.5                       | 11.5                     | 227     | 20720    | 1.5             | 18.2                     | 237     | 21711    | 1.5             | 25.6                     | 249     |
| 22496    | 1.5                       | 11.5                     | 228     | 20468    | 1.5             | 18.4                     | 237     | 22041    | 1.5             | 25.6                     | 249     |
| 20945    | 1.5                       | 11.6                     | 228     | 20810    | 1.5             | 18.4                     | 237     | 21105    | 1.5             | 26                       | 250     |
| 23613    | 1.5                       | 11.6                     | 228     | 21910    | 1.5             | 18.4                     | 238     | 22451    | 1.5             | 26.1                     | 250     |
| 23459    | 1.5                       | 11.7                     | 228     | 20994    | 1.5             | 18.5                     | 238     | 21283    | 1.5             | 26.2                     | 250     |
| 21435    | 1.5                       | 11.8                     | 228     | 23641    | 1.5             | 18.6                     | 238     | 22908    | 1.5             | 26.3                     | 250     |
|          |                           |                          |         | 20470    | 1.5             | 18.7                     | 238     | 20508    | 1.5             | 26.5                     | 250     |

## Hose Dimensions — Listed in Order by Inside Diameter

| Part No. | Hose I.D. (In.)         | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)            | Center Line Length (In.) | Row No. |
|----------|-------------------------|--------------------------|---------|----------|-----------------|--------------------------|---------|----------|----------------------------|--------------------------|---------|
| 20823    | 1.5                     | 26.6                     | 250     | 22452    | 1.5 X 1.74      | 18.8                     | 258     | 20703    | 1.5 X 1.87                 | 20.1                     | 270     |
| 21772    | 1.5                     | 26.6                     | 250     | 20351    | 1.5 X 1.75      | 3.5                      | 259     | 20539    | 1.5 X 1.88                 | 15.1                     | 270     |
| 21730    | 1.5                     | 26.7                     | 251     | 20887    | 1.5 X 1.75      | 6.5                      | 259     | 20922    | 1.5 X 1.88                 | 16.1                     | 270     |
| 20868    | 1.5                     | 26.8                     | 251     | 20904    | 1.5 X 1.75      | 6.5                      | 259     | 22706    | 1.5 X 1.93                 | 23.643                   | 270     |
| 21152    | 1.5                     | 27                       | 251     | 20433    | 1.5 X 1.75      | 12.1                     | 259     | 20620    | 1.5 X 1.94                 | 22.8                     | 271     |
| 20827    | 1.5                     | 27.1                     | 251     | 22894    | 1.5 X 1.75      | 13.5                     | 259     | 22678    | 1.5 X 1.94                 | 31.35                    | 271     |
| 23687    | 1.5                     | 27.4                     | 251     | 22485    | 1.5 X 1.75      | 13.8                     | 259     | 21375    | 1.5 X 2                    | 5.6                      | 271     |
| 23690    | 1.5                     | 27.4                     | 251     | 20926    | 1.5 X 1.75      | 14.5                     | 259     | 20452    | 1.5 X 2                    | 12.3                     | 271     |
| 21095    | 1.5                     | 27.5                     | 251     | 23065    | 1.5 X 1.75      | 14.5                     | 259     | 20837    | 1.5 X 2                    | 20.3                     | 271     |
| 21972    | 1.5                     | 27.6                     | 252     | 20573    | 1.5 X 1.75      | 15.3                     | 260     | 23095    | 1.5 X 2                    | 21.8                     | 271     |
| 21343    | 1.5                     | 27.8                     | 252     | 21045    | 1.5 X 1.75      | 15.4                     | 260     | 20910    | 1.5 X 2                    | 29.3                     | 271     |
| 20869    | 1.5                     | 27.9                     | 252     | 20559    | 1.5 X 1.75      | 15.7                     | 260     | 22663    | 1.504 X 2                  | 33.3                     | 272     |
| 22694    | 1.5                     | 28.062                   | 252     | 20538    | 1.5 X 1.75      | 15.8                     | 260     | 22811    | 1.51                       | 9.3                      | 272     |
| 21183    | 1.5                     | 28.5                     | 252     | 21857    | 1.5 X 1.75      | 15.8                     | 260     | 22638    | 1.51                       | 10.12                    | 272     |
| 20577    | 1.5                     | 28.6                     | 252     | 20660    | 1.5 X 1.75      | 16                       | 260     | 22639    | 1.51                       | 14.09                    | 272     |
| 21211    | 1.5                     | 28.7                     | 253     | 20923    | 1.5 X 1.75      | 16                       | 260     | 22809    | 1.51                       | 22                       | 272     |
| 20980    | 1.5                     | 28.8                     | 253     | 20905    | 1.5 X 1.75      | 16.2                     | 260     | 23089    | 1.51 X 1.23 X 0.3          | 20.5                     | 405     |
| 20838    | 1.5                     | 28.9                     | 253     | 21811    | 1.5 X 1.75      | 16.4                     | 261     | 22655    | 1.51 X 1.77                | 21.65                    | 272     |
| 21327    | 1.5                     | 29.3                     | 253     | 20931    | 1.5 X 1.75      | 16.5                     | 261     | 23259    | 1.51 X 1.89 X 0.75         | 47.61                    | 405     |
| 23445    | 1.5                     | 29.3                     | 253     | 20702    | 1.5 X 1.75      | 16.6                     | 261     | 22854    | 1.519 X 1.772              | 28.893                   | 272     |
| 20598    | 1.5                     | 29.6                     | 253     | 22769    | 1.5 X 1.75      | 16.6                     | 261     | 22329    | 1.52                       | 17.7                     | 272     |
| 23364    | 1.5                     | 29.6                     | 254     | 21971    | 1.5 X 1.75      | 17.2                     | 261     | 22437    | 1.52                       | 18                       | 273     |
| 21043    | 1.5                     | 29.8                     | 254     | 22476    | 1.5 X 1.75      | 17.4                     | 261     | 22807    | 1.52                       | 29.9                     | 273     |
| 20983    | 1.5                     | 31                       | 254     | 20687    | 1.5 X 1.75      | 18.2                     | 261     | 22425    | 1.52 X 1.77                | 19.9                     | 273     |
| 21148    | 1.5                     | 31.9                     | 254     | 21054    | 1.5 X 1.75      | 18.4                     | 262     | 23403    | 1.52 X 1.77                | 21.2                     | 273     |
| 23556    | 1.5                     | 32                       | 400     | 23689    | 1.5 X 1.75      | 18.4                     | 262     | 22230    | 1.52 X 1.77                | 24.2                     | 273     |
| 20632    | 1.5                     | 32.2                     | 254     | 20390    | 1.5 X 1.75      | 18.5                     | 262     | 22384    | 1.52 X 1.77                | 24.6                     | 273     |
| 23643    | 1.5                     | 32.25                    | 401     | 20860    | 1.5 X 1.75      | 18.5                     | 262     | 22170    | 1.52 X 1.77                | 26.6                     | 273     |
| 21412    | 1.5                     | 32.5                     | 254     | 21581    | 1.5 X 1.75      | 19                       | 262     | 22374    | 1.52 X 1.77                | 26.6                     | 274     |
| 20676    | 1.5                     | 32.6                     | 254     | 21493    | 1.5 X 1.75      | 19.2                     | 262     | 22426    | 1.52 X 1.77                | 26.7                     | 274     |
| 23660    | 1.5                     | 33.1                     | 255     | 21178    | 1.5 X 1.75      | 19.4                     | 262     | 22169    | 1.52 X 1.77                | 27.2                     | 274     |
| 21153    | 1.5                     | 33.8                     | 255     | 20603    | 1.5 X 1.75      | 19.6                     | 263     | 22365    | 1.52 X 1.77                | 27.6                     | 274     |
| 21237    | 1.5                     | 34.8                     | 255     | 20841    | 1.5 X 1.75      | 19.7                     | 263     | 22086    | 1.52 X 1.77                | 30.2                     | 274     |
| 23444    | 1.5                     | 34.8                     | 255     | 21668    | 1.5 X 1.75      | 19.7                     | 263     | 21941    | 1.52 X 1.77                | 37                       | 274     |
| 23580    | 1.5                     | 34.9                     | 401     | 22168    | 1.5 X 1.75      | 19.7                     | 263     | 22438    | 1.52 X 1.77 X 1            | 24.43                    | 405     |
| 20710    | 1.5                     | 35.7                     | 255     | 21262    | 1.5 X 1.75      | 19.8                     | 263     | 23892    | 1.521 X 1.532              | 13                       | 275     |
| 23362    | 1.5                     | 37.2                     | 255     | 21324    | 1.5 X 1.75      | 19.8                     | 263     | 22733    | 1.523 X 1.937              | 19.4                     | 275     |
| 20683    | 1.5                     | 37.5                     | 256     | 20854    | 1.5 X 1.75      | 20.4                     | 264     | 24062    | 1.53                       | 12.44                    | 275     |
| 20840    | 1.5                     | 37.8                     | 256     | 20842    | 1.5 X 1.75      | 20.7                     | 264     | 22079    | 1.53                       | 13.7                     | 275     |
| 22226    | 1.5                     | 40.1                     | 256     | 20843    | 1.5 X 1.75      | 21.8                     | 264     | 22641    | 1.53                       | 15                       | 275     |
| 21298    | 1.5                     | 42.3                     | 256     | 21872    | 1.5 X 1.75      | 21.8                     | 264     | 23889    | 1.53                       | 16.5                     | 275     |
| 21830    | 1.5                     | 42.3                     | 256     | 21058    | 1.5 X 1.75      | 21.9                     | 264     | 23893    | 1.53                       | 16.5                     | 275     |
| 23663    | 1.5 X 1.31 X 0.75       | 17.1                     | 401     | 21202    | 1.5 X 1.75      | 22                       | 264     | 23195    | 1.53 X 1.53 X 0.37         | 19.62                    | 406     |
| 23661    | 1.5 X 1.31 X 0.75       | 18.5                     | 401     | 20767    | 1.5 X 1.75      | 23                       | 265     | 23894    | 1.53 X 1.53 X 0.75         | 15.5                     | 406     |
| 24073    | 1.5 X 1.5               | 8.5                      | 256     | 21031    | 1.5 X 1.75      | 23.1                     | 265     | 23812    | 1.53 X 1.6                 | 22.2                     | 275     |
| 24117    | 1.5 X 1.5               | 13.75                    | 256     | 21618    | 1.5 X 1.75      | 23.2                     | 265     | 22596    | 1.53 X 1.62                | 18.1                     | 276     |
| 23448    | 1.5 X 1.5               | 43.6                     | 401     | 21061    | 1.5 X 1.75      | 23.3                     | 265     | 23888    | 1.534                      | 15                       | 276     |
| 23953    | 1.5 X 1.5 X 0.5 X 0.5   | 16                       | 401     | 21336    | 1.5 X 1.75      | 23.8                     | 265     | 23921    | 1.534 X 1.531              | 10.25                    | 276     |
| 24124    | 1.5 X 1.5 X 0.5 X 0.6   | 15.75                    | 402     | 21055    | 1.5 X 1.75      | 24.5                     | 265     | 24063    | 1.54                       | 9.84                     | 276     |
| 22442    | 1.5 X 1.5 X 0.73        | 34.28                    | 402     | 21059    | 1.5 X 1.75      | 24.8                     | 265     | 23439    | 1.54                       | 15.9                     | 276     |
| 24085    | 1.5 X 1.5 X 0.75        | 10                       | 402     | 21620    | 1.5 X 1.75      | 24.9                     | 266     | 22637    | 1.54                       | 18.7                     | 276     |
| 22505    | 1.5 X 1.5 X 0.75        | 18.81                    | 402     | 20677    | 1.5 X 1.75      | 25.1                     | 266     | 22756    | 1.54                       | 19.5                     | 276     |
| 23447    | 1.5 X 1.5 X 0.75        | 28                       | 402     | 21442    | 1.5 X 1.75      | 25.2                     | 266     | 24082    | 1.54 X 1.54 X 0.75 X 0.537 | 12.79                    | 406     |
| 23446    | 1.5 X 1.5 X 0.75        | 33.1                     | 403     | 21494    | 1.5 X 1.75      | 25.3                     | 266     |          |                            |                          |         |
| 24087    | 1.5 X 1.5 X 0.75 X 0.75 | 14                       | 403     | 21710    | 1.5 X 1.75      | 26.5                     | 266     | 24147    | 1.54 X 1.6                 | 16.4                     | 276     |
|          |                         |                          |         | 21503    | 1.5 X 1.75      | 26.8                     | 266     | 22636    | 1.54 X 1.68                | 15.49                    | 277     |
| 24083    | 1.5 X 1.5 X 0.8         | 10                       | 403     | 21511    | 1.5 X 1.75      | 26.8                     | 267     | 24109    | 1.54 X 1.7                 | 18.25                    | 277     |
| 24086    | 1.5 X 1.5 X 0.8         | 16.5                     | 403     | 22009    | 1.5 X 1.75      | 27.3                     | 267     | 23890    | 1.541                      | 15                       | 277     |
| 24084    | 1.5 X 1.5 X 0.8 X 0.7   | 15.5                     | 403     | 22417    | 1.5 X 1.75      | 27.7                     | 267     | 23885    | 1.546                      | 21                       | 277     |
| 24125    | 1.5 X 1.5 X 0.875       | 11.02                    | 404     | 21210    | 1.5 X 1.75      | 28.8                     | 267     | 23884    | 1.546 X 1.546 X 0.472      | 11.5                     | 406     |
| 23662    | 1.5 X 1.5 X 1           | 19.9                     | 404     | 21850    | 1.5 X 1.75      | 28.8                     | 267     |          |                            |                          |         |
| 22812    | 1.5 X 1.5 X 1           | 33.2                     | 404     | 21074    | 1.5 X 1.75      | 29.9                     | 267     | 22804    | 1.55                       | 21.3                     | 277     |
| 24254    | 1.5 X 1.6               | 3.9                      | 256     | 21512    | 1.5 X 1.75      | 30.1                     | 268     | 23127    | 1.55                       | 21.75                    | 406     |
| 22049    | 1.5 X 1.62              | 9.8                      | 257     | 22752    | 1.5 X 1.75      | 30.4                     | 268     | 22754    | 1.55                       | 22.1                     | 277     |
| 24137    | 1.5 X 1.62              | 17                       | 257     | 21940    | 1.5 X 1.75      | 30.7                     | 268     | 23755    | 1.55 X 1.93                | 22                       | 407     |
| 24133    | 1.5 X 1.62              | 18.57                    | 257     | 21631    | 1.5 X 1.75      | 30.8                     | 268     | 21657    | 1.56                       | 6                        | 277     |
| 23096    | 1.5 X 1.625             | 14.1                     | 257     | 21729    | 1.5 X 1.75      | 32.8                     | 268     | 21431    | 1.56                       | 12.5                     | 277     |
| 22577    | 1.5 X 1.64              | 18.5                     | 257     | 23605    | 1.5 X 1.75      | 47.2                     | 269     | 21433    | 1.56                       | 15.3                     | 278     |
| 21844    | 1.5 X 1.68              | 25.4                     | 257     | 23130    | 1.5 X 1.75 X 1  | 12.9                     | 404     | 20364    | 1.56                       | 15.8                     | 278     |
| 22483    | 1.5 X 1.69              | 24.3                     | 257     | 23128    | 1.5 X 1.76      | 33.1                     | 405     | 20168    | 1.56                       | 17.3                     | 278     |
| 23427    | 1.5 X 1.7               | 8.1                      | 257     | 22558    | 1.5 X 1.77      | 16.7                     | 269     | 20492    | 1.56                       | 17.4                     | 278     |
| 20636    | 1.5 X 1.7               | 15.4                     | 258     | 22559    | 1.5 X 1.77      | 26.2                     | 269     | 20907    | 1.56                       | 22.5                     | 278     |
| 20697    | 1.5 X 1.7               | 22.3                     | 258     | 20537    | 1.5 X 1.78      | 19.2                     | 269     | 20991    | 1.56                       | 28.1                     | 278     |
| 21894    | 1.5 X 1.7 X 0.75        | 19.88                    | 404     | 23035    | 1.5 X 1.8       | 39.3                     | 269     | 23437    | 1.56                       | 36.6                     | 279     |
| 23821    | 1.5 X 1.71              | 15.2                     | 258     | 21150    | 1.5 X 1.81      | 16.2                     | 269     | 21425    | 1.56 X 1.62                | 13.9                     | 279     |
| 21717    | 1.5 X 1.73              | 22.5                     | 258     | 20954    | 1.5 X 1.85      | 21.8                     | 270     | 23645    | 1.56 X 1.62                | 34.6                     | 279     |
| 21718    | 1.5 X 1.73              | 28.1                     | 258     | 20705    | 1.5 X 1.87      | 17.9                     | 270     | 20441    | 1.56 X 1.69                | 18.8                     | 279     |

## Hose Dimensions — Listed in Order by Inside Diameter

| Part No. | Hose I.D. (In.)            | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)           | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.)           | Center Line Length (In.) | Row No. |
|----------|----------------------------|--------------------------|---------|----------|---------------------------|--------------------------|---------|----------|---------------------------|--------------------------|---------|
| 21143    | 1.56 X 1.81                | 20.8                     | 279     | 22432    | 1.72 X 1.81 X 0.73 X 0.81 | 35.18                    | 411     | 20694    | 1.75                      | 23.2                     | 297     |
| 21329    | 1.56 X 1.81                | 24.7                     | 279     |          |                           |                          |         | 22042    | 1.75                      | 23.3                     | 297     |
| 23891    | 1.565 X 1.61               | 13.75                    | 280     | 22295    | 1.72 X 1.83 X 0.97        | 14.76                    | 411     | 21849    | 1.75                      | 23.4                     | 298     |
| 21713    | 1.57                       | 14.1                     | 280     | 22294    | 1.72 X 1.83 X 0.97 X 0.72 | 13.4                     | 412     | 20584    | 1.75                      | 24                       | 298     |
| 21658    | 1.57 X 1.68                | 20.7                     | 280     |          |                           |                          |         | 21284    | 1.75                      | 24.1                     | 298     |
| 21207    | 1.57 X 1.81                | 21.1                     | 280     | 22216    | 1.72 X 1.94 X 0.92        | 26                       | 412     | 21930    | 1.75                      | 24.1                     | 298     |
| 22516    | 1.58                       | 4.3                      | 280     | 22778    | 1.72 X 1.97 X 0.96        | 19.4                     | 412     | 20536    | 1.75                      | 24.2                     | 298     |
| 22276    | 1.58                       | 4.8                      | 280     | 22292    | 1.72 X 1.97 X 1           | 24.15                    | 412     | 23721    | 1.75                      | 24.7                     | 298     |
| 21331    | 1.58                       | 15.6                     | 280     | 22693    | 1.73                      | 19.655                   | 287     | 23077    | 1.75                      | 26.4                     | 298     |
| 20753    | 1.58                       | 16                       | 280     | 22695    | 1.73                      | 20.264                   | 287     | 20811    | 1.75                      | 27                       | 299     |
| 21260    | 1.58                       | 18.8                     | 281     | 21995    | 1.73                      | 22                       | 287     | 21216    | 1.75                      | 27.3                     | 299     |
| 23426    | 1.6 X 1.45 X 0.55          | 14                       | 407     | 23274    | 1.73                      | 25.8                     | 287     | 21776    | 1.75                      | 29.2                     | 299     |
| 22439    | 1.61                       | 13.8                     | 281     | 22860    | 1.73 X 0.76 X 0.76 X 1.01 | 13.6                     | 413     | 22081    | 1.75                      | 29.7                     | 299     |
| 22440    | 1.61                       | 15.3                     | 281     |          |                           |                          |         | 22863    | 1.75                      | 30.3                     | 299     |
| 23991    | 1.62                       | 25.9                     | 281     | 22727    | 1.731 X 2.025             | 10.9                     | 288     | 22247    | 1.75                      | 31.1                     | 299     |
| 23989    | 1.62                       | 27.9                     | 281     | 22539    | 1.74                      | 20.7                     | 288     | 21825    | 1.75                      | 31.3                     | 299     |
| 24011    | 1.62                       | 30.8                     | 281     | 22434    | 1.74 X 2                  | 28.1                     | 288     | 22862    | 1.75                      | 31.6                     | 300     |
| 20758    | 1.62 X 1.75                | 16.1                     | 281     | 22898    | 1.75                      | 4.15                     | 288     | 22360    | 1.75                      | 32.2                     | 300     |
| 21656    | 1.62 X 1.75                | 16.3                     | 282     | 20151    | 1.75                      | 5.8                      | 288     | 22036    | 1.75                      | 32.6                     | 300     |
| 20981    | 1.62 X 1.88                | 18.4                     | 282     | 20357    | 1.75                      | 7.9                      | 288     | 23504    | 1.75                      | 33.1                     | 300     |
| 24013    | 1.62 X 2.13                | 30.6                     | 282     | 20505    | 1.75                      | 10.8                     | 288     | 21377    | 1.75                      | 33.6                     | 300     |
| 21812    | 1.62 X 2.25                | 22.5                     | 282     | 23044    | 1.75                      | 11.1                     | 288     | 22053    | 1.75                      | 34.2                     | 300     |
| 24251    | 1.63 X 1.72                | 15.8                     | 282     | 20242    | 1.75                      | 11.2                     | 289     | 23507    | 1.75                      | 36.4                     | 301     |
| 23036    | 1.63 X 1.75                | 20.6                     | 282     | 20747    | 1.75                      | 12.2                     | 289     | 23442    | 1.75 X 1.75 X 0.75 X 0.75 | 40.7                     | 413     |
| 21768    | 1.64                       | 14.8                     | 282     | 20764    | 1.75                      | 12.6                     | 289     |          |                           |                          |         |
| 22396    | 1.68                       | 17.9                     | 283     | 24088    | 1.75                      | 12.8                     | 289     | 22770    | 1.75 X 1.75 X 1           | 25                       | 413     |
| 22443    | 1.68                       | 22.5                     | 283     | 20974    | 1.75                      | 13.8                     | 289     | 23072    | 1.75 X 1.75 X 1           | 31.1                     | 413     |
| 21909    | 1.68 X 1.79                | 3.6                      | 283     | 23411    | 1.75                      | 14.1                     | 289     | 23069    | 1.75 X 1.75 X 1           | 37.4                     | 414     |
| 22285    | 1.7                        | 9.3                      | 283     | 23042    | 1.75                      | 14.2                     | 289     | 23073    | 1.75 X 1.75 X 1           | 38.19                    | 414     |
| 23273    | 1.7                        | 20                       | 283     | 22896    | 1.75                      | 14.3                     | 289     | 23070    | 1.75 X 1.75 X 1 X 0.75    | 36.2                     | 414     |
| 22746    | 1.7                        | 21.4                     | 283     | 20475    | 1.75                      | 14.5                     | 290     |          |                           |                          |         |
| 22690    | 1.7                        | 35.97                    | 283     | 20516    | 1.75                      | 14.6                     | 290     | 23959    | 1.75 X 1.8                | 15.29                    | 301     |
| 22401    | 1.7 X 0.625 X 0.625 X 1.75 | 3.75                     | 407     | 20958    | 1.75                      | 15.1                     | 290     | 22895    | 1.75 X 1.8                | 16.2                     | 301     |
|          |                            |                          |         | 21805    | 1.75                      | 15.3                     | 290     | 23066    | 1.75 X 1.8                | 17.8                     | 301     |
| 22402    | 1.7 X 0.625 X 0.625 X 1.75 | 4.13                     | 407     | 21875    | 1.75                      | 15.4                     | 290     | 23606    | 1.75 X 1.8                | 17.9                     | 301     |
|          |                            |                          |         | 20627    | 1.75                      | 15.5                     | 290     | 23955    | 1.75 X 1.8                | 24.2                     | 301     |
| 23990    | 1.7 X 1.93                 | 40.2                     | 284     | 20663    | 1.75                      | 16.1                     | 291     | 20608    | 1.75 X 1.87               | 13.8                     | 302     |
| 24104    | 1.71                       | 15.5                     | 284     | 20145    | 1.75                      | 16.4                     | 291     | 20544    | 1.75 X 1.88               | 14                       | 302     |
| 22151    | 1.71                       | 19.5                     | 284     | 20225    | 1.75                      | 16.5                     | 291     | 20813    | 1.75 X 1.88               | 17.7                     | 302     |
| 22083    | 1.71                       | 25.5                     | 284     | 20609    | 1.75                      | 16.8                     | 291     | 21236    | 1.75 X 1.88               | 18                       | 302     |
| 22645    | 1.71                       | 26.8                     | 284     | 21801    | 1.75                      | 17                       | 291     | 20819    | 1.75 X 1.88               | 18.9                     | 302     |
| 23308    | 1.71                       | 29.5                     | 284     | 22542    | 1.75                      | 17                       | 291     | 20610    | 1.75 X 1.88               | 19.7                     | 302     |
| 22550    | 1.72                       | 16.5                     | 284     | 22858    | 1.75                      | 17                       | 291     | 21117    | 1.75 X 1.95               | 12.2                     | 303     |
| 22431    | 1.72                       | 16.9                     | 285     | 20637    | 1.75                      | 17.4                     | 292     | 20520    | 1.75 X 2                  | 5                        | 303     |
| 22287    | 1.72                       | 17.4                     | 285     | 21806    | 1.75                      | 17.5                     | 292     | 20498    | 1.75 X 2                  | 11.3                     | 303     |
| 23275    | 1.72                       | 17.8                     | 285     | 22779    | 1.75                      | 17.5                     | 292     | 21969    | 1.75 X 2                  | 11.9                     | 303     |
| 22551    | 1.72                       | 19.5                     | 285     | 22857    | 1.75                      | 17.6                     | 292     | 20546    | 1.75 X 2                  | 12.4                     | 303     |
| 22316    | 1.72                       | 20.2                     | 285     | 23038    | 1.75                      | 17.6                     | 292     | 20295    | 1.75 X 2                  | 14.9                     | 303     |
| 22158    | 1.72                       | 20.3                     | 285     | 20558    | 1.75                      | 17.7                     | 292     | 21256    | 1.75 X 2                  | 14.9                     | 303     |
| 22315    | 1.72                       | 20.6                     | 285     | 20489    | 1.75                      | 17.8                     | 292     | 20276    | 1.75 X 2                  | 15                       | 304     |
| 22429    | 1.72                       | 20.6                     | 286     | 20046    | 1.75                      | 18                       | 293     | 20719    | 1.75 X 2                  | 15.2                     | 304     |
| 22143    | 1.72                       | 21.1                     | 286     | 20957    | 1.75                      | 18.2                     | 293     | 21789    | 1.75 X 2                  | 15.3                     | 304     |
| 22549    | 1.72                       | 21.1                     | 286     | 21064    | 1.75                      | 18.2                     | 293     | 21118    | 1.75 X 2                  | 15.4                     | 304     |
| 22301    | 1.72                       | 24.1                     | 286     | 24183    | 1.75                      | 18.5                     | 293     | 20412    | 1.75 X 2                  | 15.5                     | 304     |
| 22433    | 1.72                       | 25                       | 286     | 20621    | 1.75                      | 18.6                     | 293     | 20411    | 1.75 X 2                  | 15.6                     | 304     |
| 22314    | 1.72                       | 26.7                     | 286     | 20345    | 1.75                      | 18.7                     | 293     | 21250    | 1.75 X 2                  | 16.1                     | 304     |
| 22125    | 1.72                       | 28.9                     | 287     | 21409    | 1.75                      | 18.9                     | 294     | 20510    | 1.75 X 2                  | 16.2                     | 305     |
| 22302    | 1.72                       | 29.1                     | 287     | 20400    | 1.75                      | 19                       | 294     | 21139    | 1.75 X 2                  | 16.8                     | 305     |
| 23667    | 1.72 X 1.72 X 0.73 X 0.73  | 31.7                     | 408     | 20582    | 1.75                      | 19.5                     | 294     | 21253    | 1.75 X 2                  | 17.6                     | 305     |
|          |                            |                          |         | 20437    | 1.75                      | 19.6                     | 294     | 20601    | 1.75 X 2                  | 17.7                     | 305     |
| 22430    | 1.72 X 1.72 X 0.73 X 0.73  | 39.5                     | 408     | 21661    | 1.75                      | 19.6                     | 294     | 22897    | 1.75 X 2                  | 17.7                     | 305     |
|          |                            |                          |         | 21796    | 1.75                      | 19.6                     | 294     | 21053    | 1.75 X 2                  | 17.9                     | 305     |
| 23266    | 1.72 X 1.72 X 0.76 X 0.76  | 35                       | 408     | 21856    | 1.75                      | 19.6                     | 295     | 21721    | 1.75 X 2                  | 17.9                     | 305     |
|          |                            |                          |         | 20417    | 1.75                      | 19.7                     | 295     | 23076    | 1.75 X 2                  | 18                       | 305     |
| 22298    | 1.72 X 1.72 X 0.97         | 14.76                    | 409     | 20365    | 1.75                      | 20                       | 295     | 20622    | 1.75 X 2                  | 18.1                     | 306     |
| 22299    | 1.72 X 1.72 X 0.97         | 24.62                    | 409     | 23040    | 1.75                      | 20                       | 295     | 21034    | 1.75 X 2                  | 18.2                     | 306     |
| 22296    | 1.72 X 1.72 X 0.97 X 0.72  | 13.4                     | 409     | 23067    | 1.75                      | 20.1                     | 295     | 21089    | 1.75 X 2                  | 18.2                     | 306     |
|          |                            |                          |         | 20531    | 1.75                      | 20.4                     | 295     | 23604    | 1.75 X 2                  | 18.3                     | 306     |
| 22297    | 1.72 X 1.72 X 0.97 X 0.73  | 13.46                    | 409     | 21956    | 1.75                      | 20.5                     | 296     | 20595    | 1.75 X 2                  | 18.8                     | 306     |
|          |                            |                          |         | 21798    | 1.75                      | 20.6                     | 296     | 21078    | 1.75 X 2                  | 19.1                     | 306     |
| 22319    | 1.72 X 1.72 X 0.98         | 26.19                    | 410     | 20674    | 1.75                      | 21.2                     | 296     | 21090    | 1.75 X 2                  | 19.6                     | 307     |
| 22372    | 1.72 X 1.72 X 0.98         | 33.23                    | 410     | 22541    | 1.75                      | 21.2                     | 296     | 21944    | 1.75 X 2                  | 20.6                     | 307     |
| 22317    | 1.72 X 1.72 X 0.98         | 39.21                    | 410     | 20623    | 1.75                      | 21.8                     | 296     | 21251    | 1.75 X 2                  | 20.8                     | 307     |
| 22371    | 1.72 X 1.72 X 0.98 X 0.73  | 30.74                    | 411     | 21797    | 1.75                      | 21.8                     | 297     | 23068    | 1.75 X 2                  | 21                       | 307     |
|          |                            |                          |         | 20675    | 1.75                      | 22.3                     | 297     | 20617    | 1.75 X 2                  | 21.4                     | 307     |
| 22318    | 1.72 X 1.72 X 0.98 X 0.73  | 34.8                     | 411     | 20812    | 1.75                      | 22.4                     | 297     | 21505    | 1.75 X 2                  | 22.7                     | 307     |
|          |                            |                          |         | 22763    | 1.75                      | 23                       | 297     | 22700    | 1.75 X 2                  | 23.6                     | 307     |
| 22291    | 1.72 X 1.75                | 23.5                     | 287     |          |                           |                          |         |          |                           |                          |         |

## Hose Dimensions — Listed in Order by Inside Diameter

| Part No. | Hose I.D. (In.)         | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. |
|----------|-------------------------|--------------------------|---------|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|
| 22846    | 1.75 X 2                | 23.659                   | 308     | 23754    | 1.93 X 1.62     | 10                       | 316     | 20735    | 2               | 23.4                     | 326     |
| 21403    | 1.75 X 2                | 23.7                     | 308     | 21984    | 1.93 X 2        | 35.7                     | 316     | 21936    | 2               | 23.7                     | 327     |
| 23088    | 1.75 X 2                | 24                       | 308     | 24010    | 1.93 X 2.12     | 17.36                    | 316     | 22668    | 2               | 24.25                    | 327     |
| 22892    | 1.75 X 2                | 24.5                     | 308     | 23988    | 1.93 X 2.12     | 31.07                    | 316     | 21477    | 2               | 24.9                     | 327     |
| 20579    | 1.75 X 2                | 24.8                     | 308     | 23752    | 1.93 X 2.125    | 33.5                     | 317     | 21107    | 2               | 25.1                     | 327     |
| 22767    | 1.75 X 2                | 24.9                     | 308     | 23994    | 1.93 X 2.13     | 12.6                     | 317     | 21252    | 2               | 25.7                     | 327     |
| 24276    | 1.75 X 2                | 25.8                     | 309     | 23995    | 1.93 X 2.13     | 12.7                     | 317     | 20933    | 2               | 26.5                     | 327     |
| 20761    | 1.75 X 2                | 26.6                     | 309     | 23996    | 1.93 X 2.13     | 13.4                     | 317     | 22745    | 2               | 26.6                     | 327     |
| 23114    | 1.75 X 2                | 26.9                     | 309     | 23993    | 1.93 X 2.13     | 13.5                     | 317     | 21845    | 2               | 27.5                     | 328     |
| 24033    | 1.75 X 2                | 29.8                     | 309     | 23987    | 1.93 X 2.13     | 30                       | 317     | 21962    | 2               | 28.6                     | 328     |
| 22795    | 1.75 X 2                | 30.96                    | 309     | 23986    | 1.93 X 2.13     | 40.7                     | 317     | 24197    | 2               | 28.8                     | 328     |
| 22766    | 1.75 X 2                | 31                       | 309     | 22135    | 1.93 X 2.19     | 26                       | 318     | 21378    | 2               | 30                       | 328     |
| 21243    | 1.75 X 2                | 31.2                     | 309     | 22082    | 1.93 X 2.24     | 18.4                     | 318     | 21853    | 2               | 30.4                     | 328     |
| 23087    | 1.75 X 2                | 32.3                     | 310     | 21938    | 1.94            | 18.2                     | 318     | 23981    | 2               | 30.75                    | 328     |
| 22765    | 1.75 X 2                | 32.8                     | 310     | 22067    | 1.94            | 20.2                     | 318     | 22780    | 2               | 34.1                     | 329     |
| 22025    | 1.75 X 2                | 37.1                     | 310     | 22400    | 1.94            | 20.7                     | 318     | 22068    | 2               | 35.5                     | 329     |
| 22764    | 1.75 X 2                | 39.2                     | 310     | 21846    | 1.94            | 23.5                     | 318     | 21854    | 2               | 35.7                     | 329     |
| 23099    | 1.75 X 2                | 39.5                     | 310     | 22033    | 1.94            | 28.2                     | 318     | 22134    | 2               | 36.9                     | 329     |
| 23071    | 1.75 X 2                | 51.1                     | 310     | 21961    | 1.94            | 34.1                     | 319     | 24204    | 2               | 38.6                     | 329     |
| 22768    | 1.75 X 2                | 69.23                    | 414     | 22031    | 1.94            | 35.7                     | 319     | 21855    | 2               | 38.8                     | 329     |
| 22771    | 1.75 X 2 X 1            | 49.1                     | 415     | 21248    | 1.94 X 2        | 17.7                     | 319     | 22856    | 2               | 42.8                     | 418     |
| 20615    | 1.75 X 2.07             | 10.8                     | 310     | 21249    | 1.94 X 2        | 19.6                     | 319     | 23513    | 2               | 45.6                     | 329     |
| 20614    | 1.75 X 2.07             | 15                       | 311     | 21245    | 1.94 X 2        | 24.7                     | 319     | 21154    | 2 X 2.09        | 20                       | 330     |
| 20509    | 1.75 X 2.07             | 16.5                     | 311     | 21247    | 1.94 X 2        | 24.8                     | 319     | 24029    | 2 X 2.24        | 31.3                     | 330     |
| 20613    | 1.75 X 2.07             | 18.3                     | 311     | 22664    | 1.949           | 37.4                     | 319     | 20532    | 2 X 2.25        | 3                        | 330     |
| 22104    | 1.75 X 2.11 X 0.75      | 20.2                     | 415     | 22191    | 1.95            | 18.4                     | 320     | 20882    | 2 X 2.25        | 11                       | 330     |
| 21826    | 1.75 X 2.12             | 21                       | 311     | 22160    | 1.95            | 22.4                     | 320     | 20845    | 2 X 2.25        | 12.7                     | 330     |
| 21285    | 1.75 X 2.12             | 21.6                     | 311     | 22161    | 1.95            | 34.3                     | 320     | 20847    | 2 X 2.25        | 13.2                     | 330     |
| 20458    | 1.75 X 2.25             | 10.8                     | 311     | 22293    | 1.95            | 39.3                     | 320     | 21526    | 2 X 2.25        | 13.3                     | 330     |
| 20572    | 1.75 X 2.25             | 15                       | 311     | 21985    | 1.95 X 2.2      | 27.8                     | 320     | 21522    | 2 X 2.25        | 13.8                     | 330     |
| 21731    | 1.75 X 2.28             | 23.9                     | 312     | 22189    | 1.95 X 2.38     | 54.1                     | 320     | 20844    | 2 X 2.25        | 13.9                     | 331     |
| 22548    | 1.76                    | 39.6                     | 312     | 21901    | 1.97 X 2.36     | 4.4                      | 321     | 20849    | 2 X 2.25        | 14.6                     | 331     |
| 23499    | 1.77                    | 19.9                     | 312     | 21473    | 2               | 5.4                      | 321     | 20493    | 2 X 2.25        | 15.5                     | 331     |
| 22268    | 1.77                    | 23.1                     | 312     | 21571    | 2               | 5.4                      | 321     | 21525    | 2 X 2.25        | 15.6                     | 331     |
| 22683    | 1.77 X 1.77 X 1         | 19.6                     | 415     | 23951    | 2               | 6.1                      | 321     | 20431    | 2 X 2.25        | 16.4                     | 331     |
| 22650    | 1.77 X 2.12 X 1 X 0.625 | 41.8                     | 415     | 21100    | 2               | 7.4                      | 321     | 20848    | 2 X 2.25        | 16.5                     | 331     |
| 22237    | 1.77 X 2.13 X 0.75      | 21                       | 416     | 21255    | 2               | 7.8                      | 321     | 20457    | 2 X 2.25        | 17.8                     | 331     |
| 22105    | 1.77 X 2.13 X 0.77      | 30.09                    | 416     | 21307    | 2               | 8.7                      | 321     | 20913    | 2 X 2.25        | 18.1                     | 331     |
| 22359    | 1.77 X 2.15 X 0.76      | 21.46                    | 416     | 20685    | 2               | 9.2                      | 321     | 21395    | 2 X 2.25        | 18.4                     | 332     |
| 22718    | 1.78                    | 12.04                    | 312     | 21559    | 2               | 9.5                      | 321     | 22847    | 2 X 2.25        | 18.908                   | 332     |
| 23227    | 1.78                    | 20.3                     | 312     | 20206    | 2               | 10                       | 321     | 24035    | 2 X 2.25        | 19.7                     | 332     |
| 22927    | 1.78 X 1.78 X 1 X 0.62  | 15.2                     | 416     | 21124    | 2               | 11.5                     | 322     | 22775    | 2 X 2.25        | 19.9                     | 332     |
| 22679    | 1.78 X 1.97             | 25.401                   | 312     | 22991    | 2               | 11.765                   | 322     | 20912    | 2 X 2.25        | 20.9                     | 332     |
| 20548    | 1.8                     | 15.2                     | 313     | 21197    | 2               | 11.8                     | 322     | 20846    | 2 X 2.25        | 23                       | 332     |
| 22698    | 1.8                     | 21.6                     | 313     | 21562    | 2               | 11.8                     | 322     | 22903    | 2 X 2.25        | 23                       | 332     |
| 23607    | 1.8 X 1.75              | 12                       | 313     | 21125    | 2               | 12.1                     | 322     | 21993    | 2 X 2.25        | 25.3                     | 333     |
| 23956    | 1.8 X 2.05              | 16.1                     | 313     | 22701    | 2               | 13.2                     | 322     | 22704    | 2 X 2.25        | 25.8                     | 333     |
| 21770    | 1.81                    | 24.6                     | 313     | 20557    | 2               | 13.7                     | 322     | 20639    | 2 X 2.25        | 29.9                     | 333     |
| 23418    | 1.81 X 1.6 X 0.85       | 13.5                     | 416     | 20424    | 2               | 13.8                     | 322     | 20523    | 2 X 2.26        | 14.7                     | 333     |
| 23417    | 1.81 X 1.62 X 0.78      | 18                       | 417     | 22649    | 2               | 14.1                     | 322     | 21405    | 2 X 2.31        | 17                       | 333     |
| 23421    | 1.81 X 1.81             | 13.5                     | 417     | 22996    | 2               | 14.6                     | 323     | 21363    | 2 X 2.36        | 5.9                      | 333     |
| 23419    | 1.81 X 1.81 X 0.62      | 10.5                     | 417     | 22893    | 2               | 15.1                     | 323     | 21474    | 2 X 2.38        | 17.5                     | 333     |
| 23420    | 1.81 X 1.81 X 0.78      | 13.5                     | 417     | 20589    | 2               | 15.2                     | 323     | 21468    | 2 X 2.38        | 21.6                     | 333     |
| 23405    | 1.81 X 1.81 X 0.78      | 18                       | 417     | 20387    | 2               | 15.4                     | 323     | 21492    | 2 X 2.5         | 4                        | 334     |
| 23404    | 1.81 X 1.81 X 0.85      | 13.5                     | 418     | 21294    | 2               | 15.5                     | 323     | 21131    | 2 X 2.5         | 12.7                     | 334     |
| 21809    | 1.81 X 1.88             | 18.2                     | 313     | 21943    | 2               | 15.5                     | 323     | 21544    | 2 X 2.5         | 13.9                     | 334     |
| 21368    | 1.81 X 2                | 4.2                      | 313     | 21569    | 2               | 15.6                     | 323     | 22785    | 2 X 2.5         | 17.818                   | 334     |
| 22669    | 1.81 X 2                | 24.5                     | 313     | 21047    | 2               | 16.3                     | 324     | 22140    | 2 X 2.5         | 20.3                     | 334     |
| 21767    | 1.81 X 2.13             | 28.3                     | 314     | 21048    | 2               | 16.3                     | 324     | 22159    | 2 X 2.5         | 20.8                     | 334     |
| 23141    | 1.83                    | 26.4                     | 314     | 22743    | 2               | 16.3                     | 324     | 22097    | 2 X 2.5         | 21.3                     | 334     |
| 22032    | 1.87                    | 38.5                     | 314     | 20611    | 2               | 16.9                     | 324     | 22744    | 2 X 2.5         | 27.9                     | 334     |
| 21182    | 1.88                    | 13.5                     | 314     | 22855    | 2               | 17.5                     | 324     | 22781    | 2 X 2.5         | 29.272                   | 335     |
| 24019    | 1.88                    | 14.3                     | 314     | 21111    | 2               | 17.8                     | 324     | 21453    | 2 X 2.5         | 32                       | 335     |
| 24015    | 1.88                    | 14.47                    | 314     | 22992    | 2               | 17.8                     | 324     | 23085    | 2 X 2.5         | 33                       | 335     |
| 21573    | 1.88                    | 21.3                     | 314     | 24198    | 2               | 18.7                     | 325     | 21523    | 2.01            | 10.5                     | 335     |
| 22136    | 1.88                    | 30.4                     | 314     | 24039    | 2               | 18.8                     | 325     | 21521    | 2.01            | 11.6                     | 335     |
| 21536    | 1.88 X 2                | 17.8                     | 315     | 21847    | 2               | 19.5                     | 325     | 24021    | 2.12 X 2.5      | 16.8                     | 335     |
| 20590    | 1.88 X 2.12             | 17.9                     | 315     | 20420    | 2               | 19.6                     | 325     | 23753    | 2.125 X 1.91    | 10.3                     | 335     |
| 24017    | 1.92                    | 17.3                     | 315     | 21469    | 2               | 19.7                     | 325     | 20835    | 2.13            | 15.9                     | 336     |
| 23997    | 1.92 X 2.13             | 12.3                     | 315     | 20356    | 2               | 19.8                     | 325     | 21987    | 2.19            | 24.4                     | 336     |
| 22705    | 1.93                    | 25.7                     | 315     | 21305    | 2               | 19.9                     | 325     | 22030    | 2.19 X 2.25     | 21.1                     | 336     |
| 23751    | 1.93                    | 32.5                     | 315     | 21379    | 2               | 20                       | 326     | 21556    | 2.25            | 4.5                      | 336     |
| 22034    | 1.93                    | 34.1                     | 315     | 21570    | 2               | 20.9                     | 326     | 20748    | 2.25            | 6.3                      | 336     |
| 21989    | 1.93                    | 40.3                     | 316     | 20427    | 2               | 21.2                     | 326     | 22951    | 2.25            | 8.9                      | 336     |
| 22734    | 1.93                    | 55.3                     | 316     | 21470    | 2               | 22                       | 326     | 20172    | 2.25            | 9.3                      | 336     |
|          |                         |                          |         | 21810    | 2               | 22.3                     | 326     | 24202    | 2.25            | 10                       | 336     |
|          |                         |                          |         | 22702    | 2               | 22.4                     | 326     | 20756    | 2.25            | 10.7                     | 337     |

## Hose Dimensions — Listed in Order by Inside Diameter

| Part No. | Hose I.D. (In.)           | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. | Part No. | Hose I.D. (In.) | Center Line Length (In.) | Row No. |
|----------|---------------------------|--------------------------|---------|----------|-----------------|--------------------------|---------|----------|-----------------|--------------------------|---------|
| 20867    | 2.25                      | 11.4                     | 337     | 21547    | 2.38 X 2.5      | 21.2                     | 347     | 21491    | 2.75            | 10.9                     | 358     |
| 21194    | 2.25                      | 12.1                     | 337     | 20967    | 2.38 X 2.76     | 15.1                     | 347     | 21939    | 2.75            | 12.4                     | 358     |
| 20459    | 2.25                      | 12.6                     | 337     | 23928    | 2.44            | 20.7                     | 348     | 20744    | 2.75            | 12.6                     | 358     |
| 21471    | 2.25                      | 12.7                     | 337     | 22188    | 2.44            | 33                       | 348     | 21238    | 2.75            | 17.6                     | 359     |
| 22671    | 2.25                      | 14                       | 337     | 21123    | 2.44 X 2.5      | 24.2                     | 348     | 21464    | 2.75            | 20.2                     | 359     |
| 24059    | 2.25                      | 14.7                     | 337     | 24002    | 2.47            | 20.4                     | 348     | 21463    | 2.75            | 25.2                     | 359     |
| 21114    | 2.25                      | 14.9                     | 337     | 24001    | 2.47            | 21.5                     | 348     | 21038    | 2.75 X 3        | 7                        | 359     |
| 21120    | 2.25                      | 14.9                     | 337     | 24006    | 2.47            | 22.2                     | 348     | 21239    | 2.75 X 3        | 8.9                      | 359     |
| 23175    | 2.25                      | 15.134                   | 338     | 24004    | 2.48            | 11.1                     | 348     | 21128    | 3               | 5.7                      | 359     |
| 21296    | 2.25                      | 15.5                     | 338     | 24005    | 2.48            | 25.5                     | 349     | 21466    | 3               | 7.4                      | 359     |
| 21308    | 2.25                      | 15.6                     | 338     | 24047    | 2.5             | 7.4                      | 349     | 21420    | 3               | 9.7                      | 359     |
| 20397    | 2.25                      | 17.4                     | 338     | 21135    | 2.5             | 8.5                      | 349     | 21042    | 3               | 14                       | 360     |
| 21393    | 2.25                      | 17.4                     | 338     | 24045    | 2.5             | 11.3                     | 349     | 22274    | 3               | 21.6                     | 360     |
| 22060    | 2.25                      | 17.7                     | 338     | 20760    | 2.5             | 12.1                     | 349     | 21892    | 3.5             | 14.5                     | 360     |
| 23815    | 2.25                      | 18.5                     | 338     | 23173    | 2.5             | 12.4                     | 349     |          |                 |                          |         |
| 20973    | 2.25                      | 19.6                     | 339     | 21891    | 2.5             | 12.9                     | 349     |          |                 |                          |         |
| 23795    | 2.25                      | 21.6                     | 339     | 20987    | 2.5             | 13.7                     | 349     |          |                 |                          |         |
| 21516    | 2.25                      | 21.8                     | 339     | 24003    | 2.5             | 15.77                    | 350     |          |                 |                          |         |
| 22774    | 2.25                      | 22.5                     | 339     | 21893    | 2.5             | 15.8                     | 350     |          |                 |                          |         |
| 22670    | 2.25                      | 23.1                     | 339     | 22707    | 2.5             | 15.924                   | 350     |          |                 |                          |         |
| 20401    | 2.25                      | 24.2                     | 339     | 22950    | 2.5             | 16.3                     | 350     |          |                 |                          |         |
| 21418    | 2.25                      | 24.4                     | 340     | 21564    | 2.5             | 16.4                     | 350     |          |                 |                          |         |
| 21119    | 2.25                      | 24.6                     | 340     | 20970    | 2.5             | 16.6                     | 350     |          |                 |                          |         |
| 20731    | 2.25                      | 25.6                     | 340     | 21455    | 2.5             | 16.6                     | 350     |          |                 |                          |         |
| 23794    | 2.25                      | 29.6                     | 340     | 20996    | 2.5             | 16.7                     | 351     |          |                 |                          |         |
| 23817    | 2.25                      | 32                       | 340     | 22726    | 2.5             | 17.4                     | 351     |          |                 |                          |         |
| 23816    | 2.25                      | 32.25                    | 340     | 21241    | 2.5             | 18                       | 351     |          |                 |                          |         |
| 22843    | 2.25                      | 32.75                    | 341     | 22952    | 2.5             | 18.9                     | 351     |          |                 |                          |         |
| 22784    | 2.25 X 2.25               | 19.045                   | 341     | 23014    | 2.5             | 18.9                     | 351     |          |                 |                          |         |
| 22782    | 2.25 X 2.25               | 28.425                   | 341     | 21300    | 2.5             | 20.3                     | 351     |          |                 |                          |         |
| 22709    | 2.25 X 2.38               | 16.1                     | 341     | 24037    | 2.5             | 20.9                     | 351     |          |                 |                          |         |
| 22710    | 2.25 X 2.38               | 18.6                     | 341     | 22959    | 2.5             | 21.2                     | 352     |          |                 |                          |         |
| 22711    | 2.25 X 2.38               | 27.9                     | 341     | 24041    | 2.5             | 21.5                     | 352     |          |                 |                          |         |
| 22712    | 2.25 X 2.44               | 14.4                     | 341     | 24049    | 2.5             | 21.7                     | 352     |          |                 |                          |         |
| 24009    | 2.25 X 2.45               | 14.1                     | 342     | 22100    | 2.5             | 21.9                     | 352     |          |                 |                          |         |
| 20369    | 2.25 X 2.5                | 3.4                      | 342     | 24031    | 2.5             | 22                       | 352     |          |                 |                          |         |
| 22177    | 2.25 X 2.5                | 6                        | 342     | 22850    | 2.5             | 22.6                     | 352     |          |                 |                          |         |
| 21299    | 2.25 X 2.5                | 7.2                      | 342     | 23013    | 2.5             | 23.2                     | 352     |          |                 |                          |         |
| 24043    | 2.25 X 2.5                | 7.9                      | 342     | 21115    | 2.5             | 24.7                     | 353     |          |                 |                          |         |
| 21295    | 2.25 X 2.5                | 11.3                     | 342     | 21452    | 2.5             | 25.1                     | 353     |          |                 |                          |         |
| 21302    | 2.25 X 2.5                | 11.8                     | 342     | 23015    | 2.5             | 26                       | 353     |          |                 |                          |         |
| 24074    | 2.25 X 2.5                | 12.5                     | 342     | 24077    | 2.5             | 26.5                     | 353     |          |                 |                          |         |
| 24075    | 2.25 X 2.5                | 12.5                     | 343     | 22762    | 2.5             | 27.4                     | 353     |          |                 |                          |         |
| 22742    | 2.25 X 2.5                | 13.8                     | 343     | 23084    | 2.5             | 28                       | 353     |          |                 |                          |         |
| 22776    | 2.25 X 2.5                | 16.81                    | 343     | 22716    | 2.5             | 28.5                     | 353     |          |                 |                          |         |
| 21293    | 2.25 X 2.5                | 17.8                     | 343     | 22877    | 2.5             | 29.8                     | 354     |          |                 |                          |         |
| 21292    | 2.25 X 2.5                | 18.8                     | 343     | 23086    | 2.5             | 30.2                     | 354     |          |                 |                          |         |
| 24060    | 2.25 X 2.5                | 20.1                     | 343     | 22980    | 2.5             | 30.4                     | 354     |          |                 |                          |         |
| 23176    | 2.25 X 2.5                | 21.005                   | 343     | 22193    | 2.5             | 33.2                     | 354     |          |                 |                          |         |
| 21101    | 2.25 X 2.5                | 23.2                     | 344     | 23171    | 2.5             | 35.5                     | 354     |          |                 |                          |         |
| 21896    | 2.25 X 2.5                | 23.4                     | 344     | 22773    | 2.5             | 38.5                     | 354     |          |                 |                          |         |
| 21372    | 2.25 X 2.5                | 23.6                     | 344     | 23229    | 2.5             | 43.6                     | 354     |          |                 |                          |         |
| 22098    | 2.25 X 2.5                | 24.4                     | 344     | 22192    | 2.5             | 48.2                     | 355     |          |                 |                          |         |
| 21132    | 2.25 X 2.5                | 24.6                     | 344     | 22194    | 2.5             | 50.6                     | 355     |          |                 |                          |         |
| 21133    | 2.25 X 2.5                | 24.8                     | 344     | 23793    | 2.5 X 2.25      | 18.5                     | 355     |          |                 |                          |         |
| 21454    | 2.25 X 2.5                | 26.2                     | 344     | 22783    | 2.5 X 2.5       | 23.769                   | 355     |          |                 |                          |         |
| 21765    | 2.25 X 2.5                | 26.2                     | 345     | 21288    | 2.5 X 2.6       | 18.1                     | 355     |          |                 |                          |         |
| 22190    | 2.25 X 2.5                | 26.5                     | 345     | 21290    | 2.5 X 2.62      | 13.7                     | 355     |          |                 |                          |         |
| 21289    | 2.25 X 2.5                | 27.5                     | 345     | 21129    | 2.5 X 2.62      | 15.6                     | 356     |          |                 |                          |         |
| 22099    | 2.25 X 2.5                | 27.6                     | 345     | 20564    | 2.5 X 2.7       | 3.5                      | 356     |          |                 |                          |         |
| 22059    | 2.25 X 2.5                | 28.8                     | 345     | 21137    | 2.5 X 2.75      | 10.9                     | 356     |          |                 |                          |         |
| 23170    | 2.25 X 2.5                | 37.4                     | 345     | 20960    | 2.5 X 2.75      | 12.4                     | 356     |          |                 |                          |         |
| 23260    | 2.25 X 2.5 X 1.07 X 0.65  | 53.46                    | 418     | 24257    | 2.5 X 2.75      | 12.5                     | 356     |          |                 |                          |         |
| 21011    | 2.25 X 2.7                | 19                       | 346     | 20961    | 2.5 X 2.75      | 12.6                     | 356     |          |                 |                          |         |
| 21462    | 2.25 X 2.75               | 16.4                     | 346     | 21842    | 2.5 X 2.86      | 10.5                     | 356     |          |                 |                          |         |
| 21287    | 2.26                      | 21.7                     | 346     | 22273    | 2.5 X 2.86      | 12                       | 356     |          |                 |                          |         |
| 23563    | 2.3 X 2.5                 | 15.2                     | 346     | 21766    | 2.5 X 2.86      | 12.3                     | 357     |          |                 |                          |         |
| 23564    | 2.3 X 2.5                 | 16                       | 346     | 21134    | 2.5 X 2.88      | 8                        | 357     |          |                 |                          |         |
| 24076    | 2.33 X 2.5                | 10.8                     | 346     | 21291    | 2.5 X 2.88      | 12.9                     | 357     |          |                 |                          |         |
| 23962    | 2.37 X 2.37 X 0.59 X 0.68 | 58.87                    | 418     | 21400    | 2.5 X 3         | 5                        | 357     |          |                 |                          |         |
| 22715    | 2.375                     | 13.7                     | 346     | 21472    | 2.5 X 3         | 16.1                     | 357     |          |                 |                          |         |
| 22714    | 2.375                     | 18.5                     | 347     | 22062    | 2.5 X 3         | 27.9                     | 357     |          |                 |                          |         |
| 22717    | 2.375                     | 19                       | 347     | 21116    | 2.5 X 3.04      | 3.9                      | 357     |          |                 |                          |         |
| 22713    | 2.38                      | 13.9                     | 347     | 20530    | 2.63            | 9.2                      | 357     |          |                 |                          |         |
| 24007    | 2.38 X 2.5                | 17.6                     | 347     | 20968    | 2.7             | 16.7                     | 358     |          |                 |                          |         |
|          |                           |                          |         | 20587    | 2.7             | 17.7                     | 358     |          |                 |                          |         |
|          |                           |                          |         | 21037    | 2.74            | 22                       | 358     |          |                 |                          |         |

# NOTES

[illegible]

# Molded Coolant Hose Dimensions

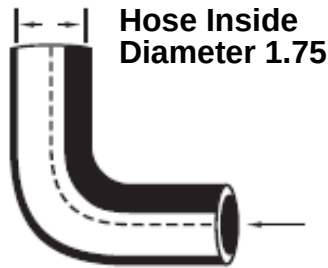
Listed in order of smallest ID (inches) to largest ID. Number below part number is hose ID.  
Number below ID indicates hose center line length (inches).

## EXAMPLE:

7197 Part Number

1.75 Inside Diameter

7.75 Centerline Length



Centerline 7.75

## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

1



24158  
0.3  
34.25



23818  
0.375 X 0.5  
28



21784  
0.44  
4.3



21184  
0.5  
4.1



21214  
0.5  
4.9



21537  
0.5  
13.2



21221  
0.5  
14.5



24108  
0.5  
22.25



20191  
0.53  
3.9

2



21832  
0.58 X 0.72  
18



20521  
0.61  
4.8



20338  
0.61  
4.9



20605  
0.61  
6.5



21257  
0.61  
15.4



21774  
0.61 X 0.68  
18.3



20662  
0.61 X 0.75  
5.2



21841  
0.61 X 0.75  
9.3

3



21840  
0.61 X 0.75  
13.4



21742  
0.62  
4.8



21739  
0.62  
5.7



21862  
0.62  
5.7



20925  
0.62  
5.8



21738  
0.62  
6.6



21949  
0.62  
6.6



21757  
0.62  
7.1



21309  
0.62  
7.6



21733  
0.62  
9.9

4



21861  
0.62 X 0.73  
14.2



21740  
0.62 X 0.75  
5.8



21515  
0.62 X 0.75  
13.9



23710  
0.62 X 0.75  
25.2



21458  
0.62 X 0.94  
10.8



24107  
0.625 X 0.71  
10.5



23854  
0.63  
24



24178  
0.63  
27.2

## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

5



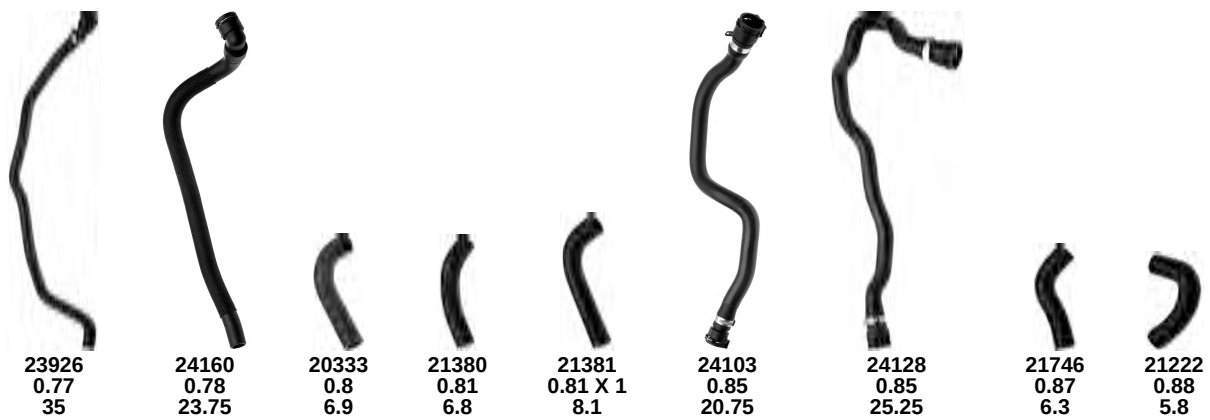
6



7



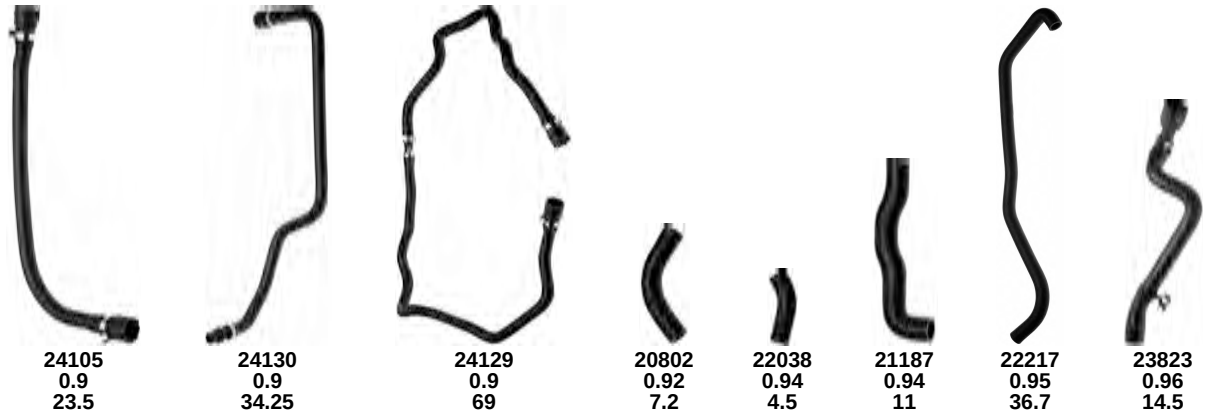
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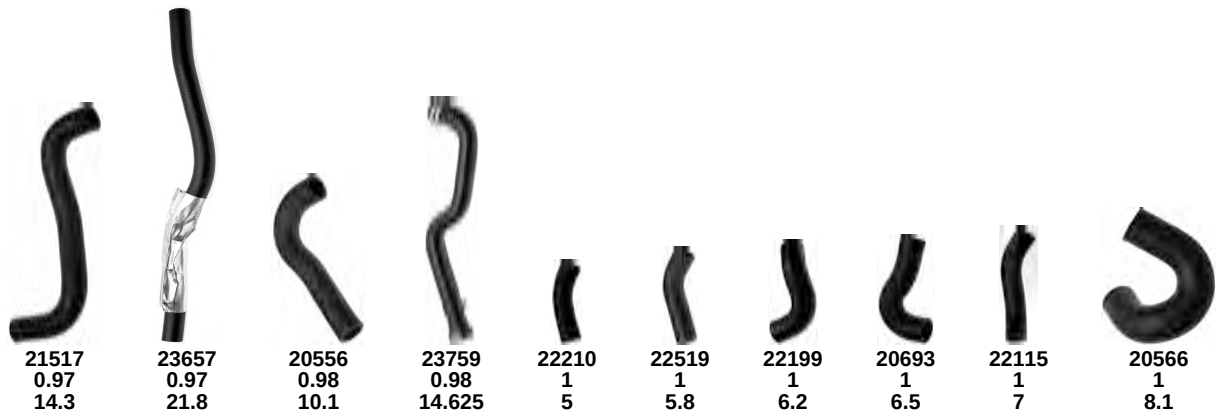
## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

9



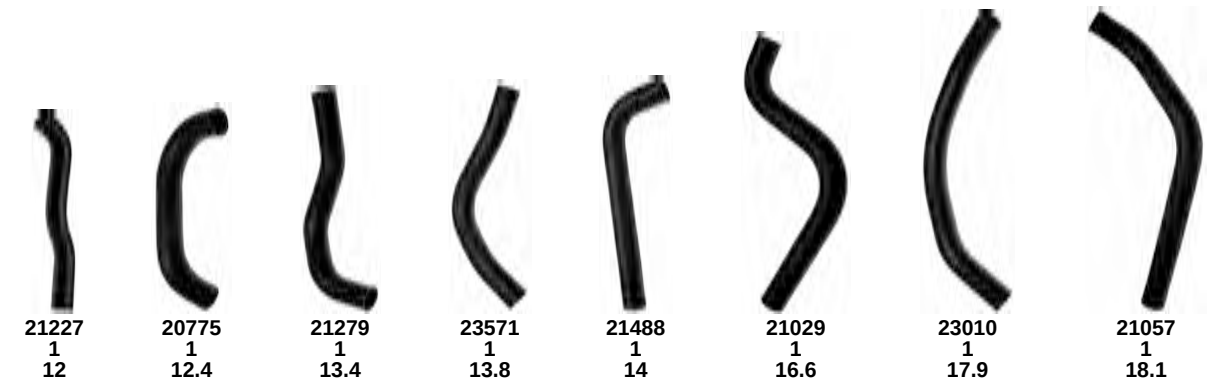
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11



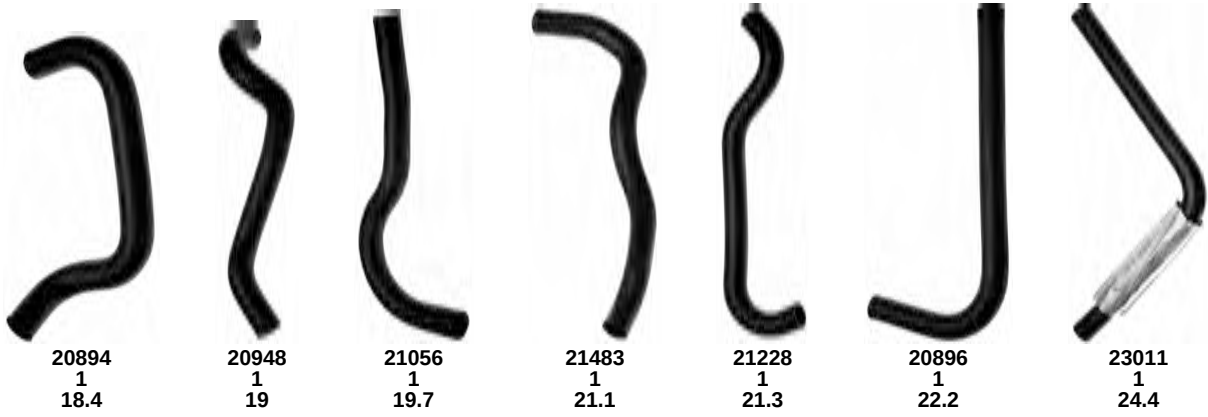
12



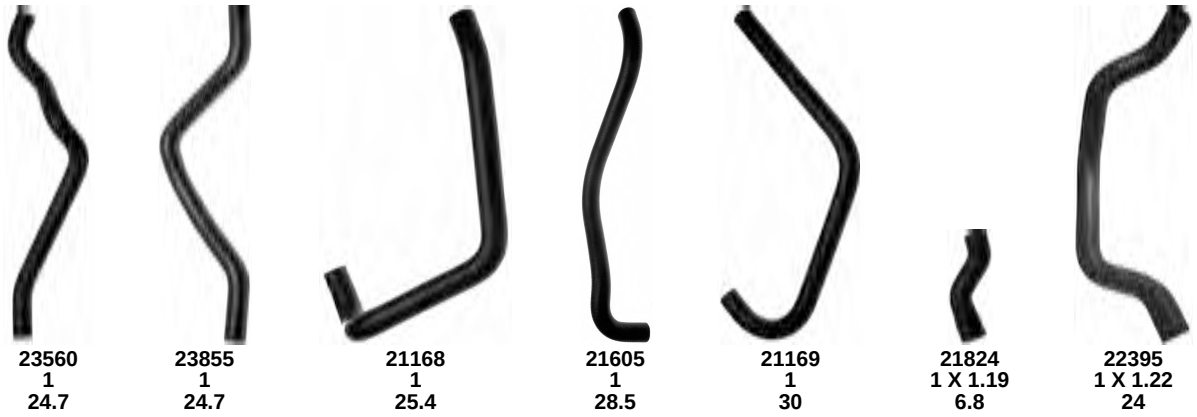
## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

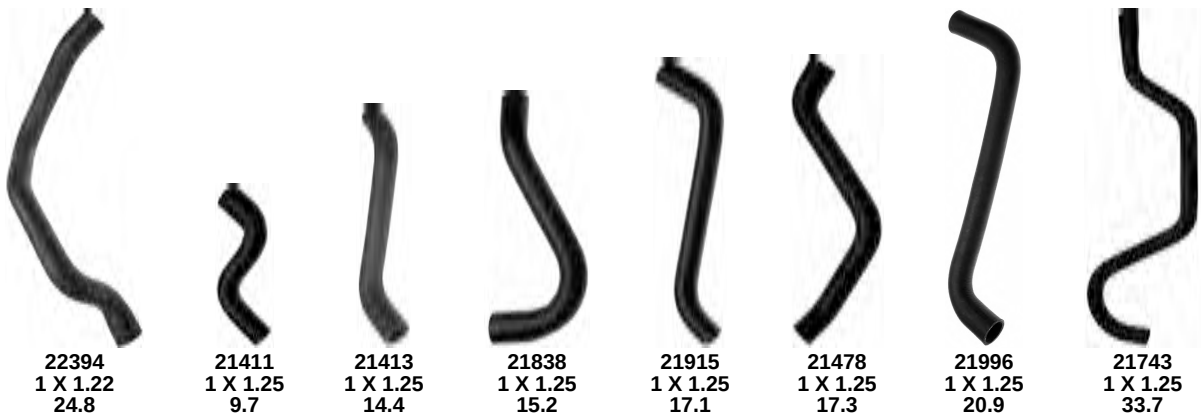
13



14



15



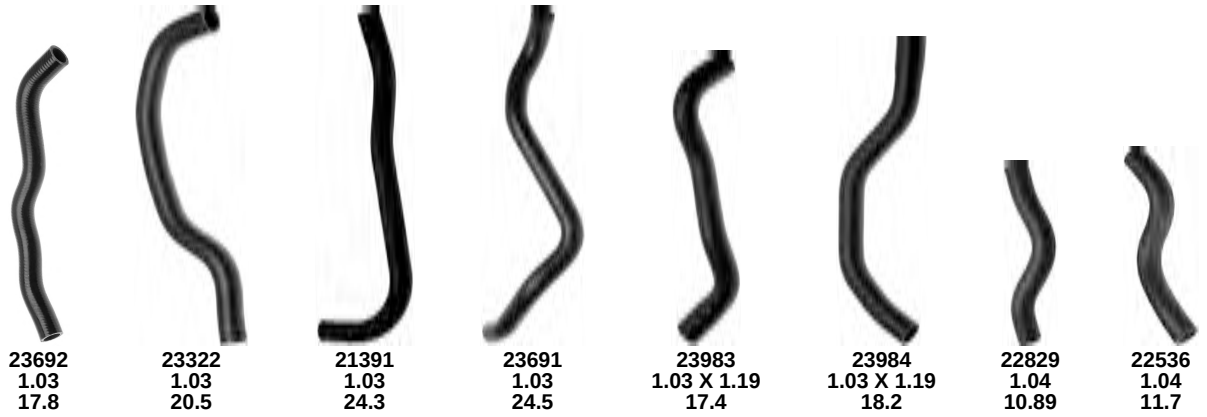
16



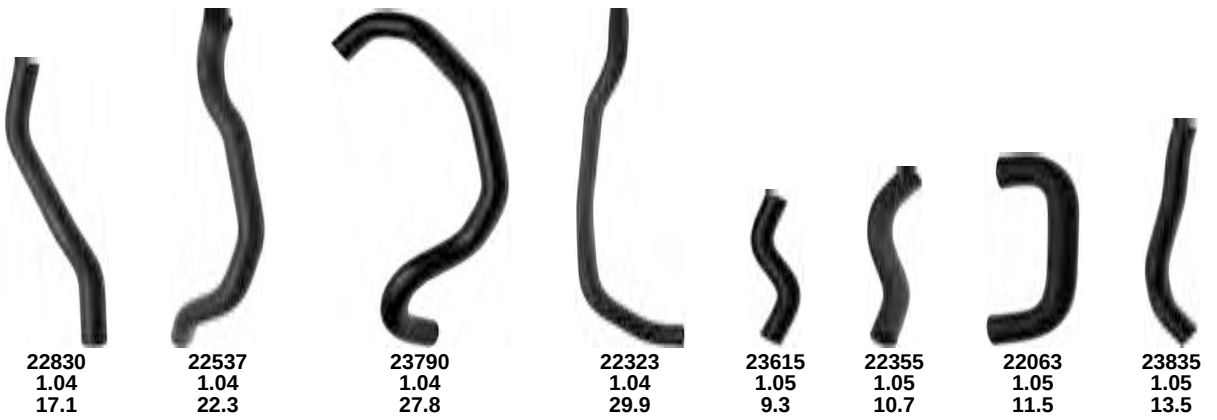
## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

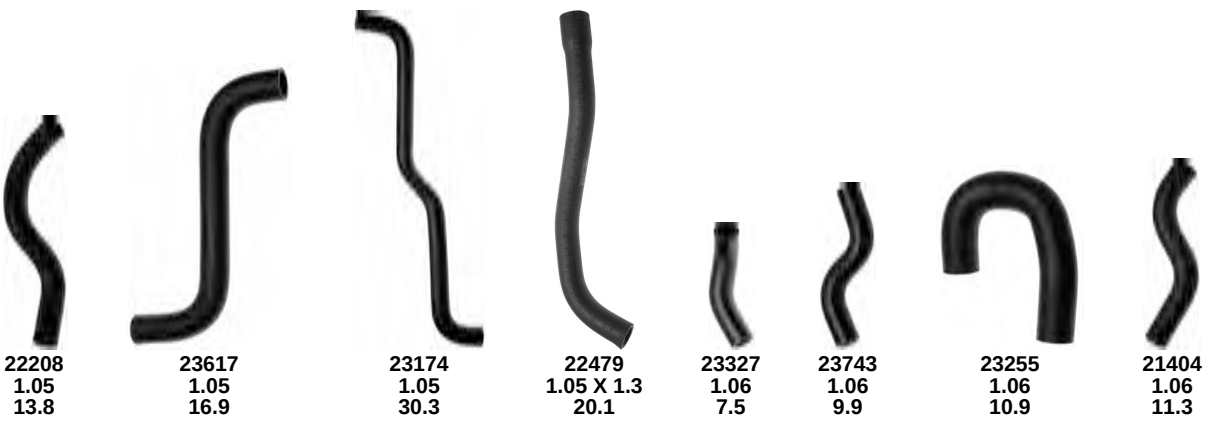
17



18



19



20



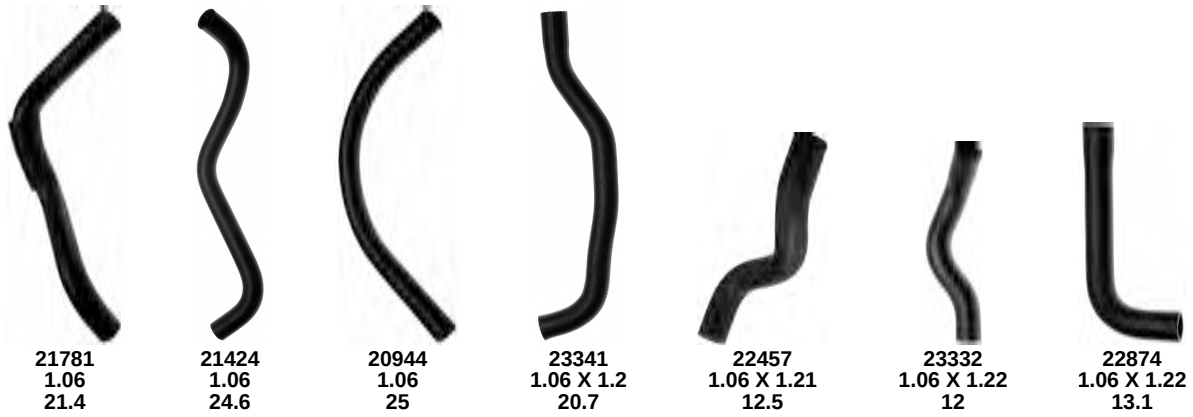
## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

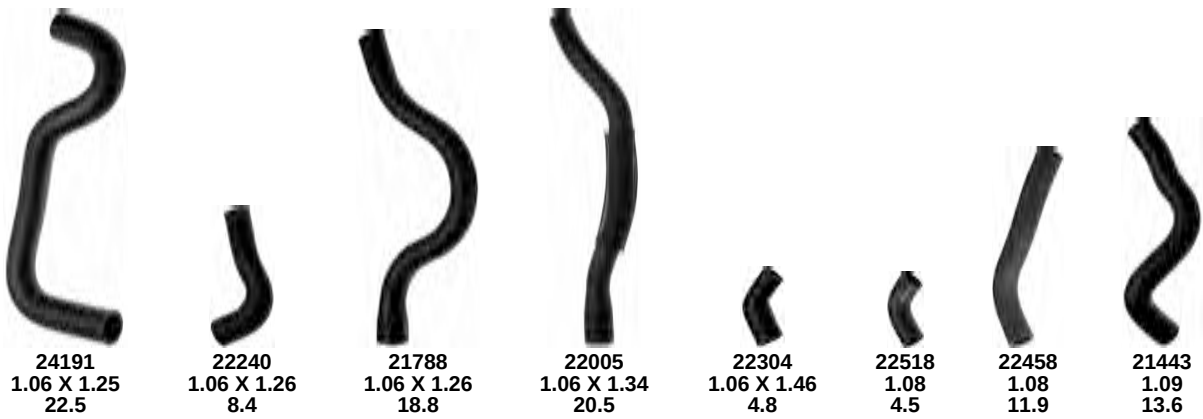
21



22



23



24



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

25



21268  
1.12 X 1.25  
20.4



21667  
1.12 X 1.31  
5.9



24182  
1.13  
20.9



22407  
1.13 X 1.23  
18.2



22408  
1.13 X 1.23  
34.9



20892  
1.13 X 1.25  
11.3

26



22461  
1.14 X 1.24  
18.1



21709  
1.15 X 1.25  
33.4



22047  
1.15 X 1.38  
19.4



22556  
1.16  
14.9



23946  
1.17  
10.79



22450  
1.17  
12.6



21999  
1.18  
8.4

27



23944  
1.18  
10.28



23247  
1.18  
10.775



23859  
1.18  
11.9



22455  
1.18  
13



22507  
1.18  
13.6



22381  
1.18  
14



23791  
1.18  
14.8



23861  
1.18  
15



23779  
1.18  
15.1



23826  
1.18  
15.9

28



21504  
1.18  
16.1



22336  
1.18  
16.1



23863  
1.18  
16.5



23785  
1.18  
16.6



23781  
1.18  
17.3



23789  
1.18  
17.4



23248  
1.18  
17.576



22270  
1.18  
17.9



22382  
1.18  
17.9

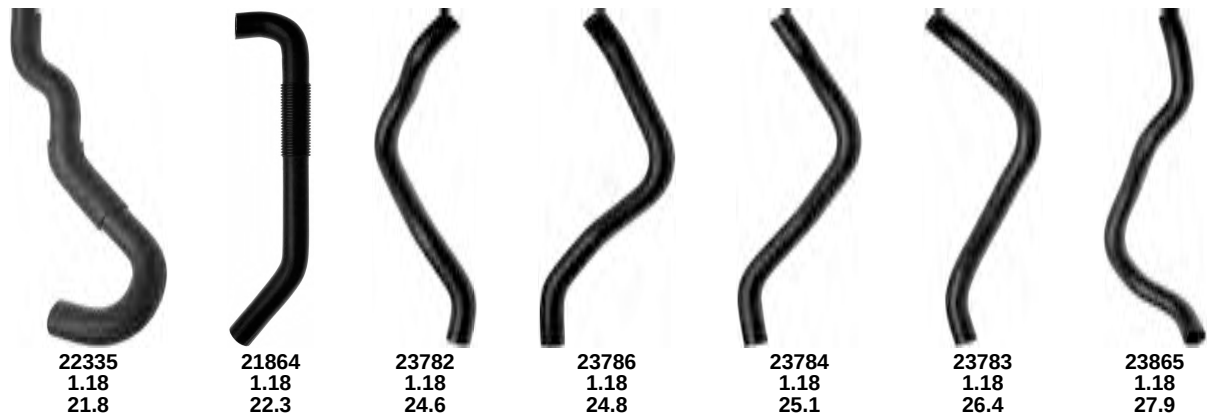
## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

29



30



31



32



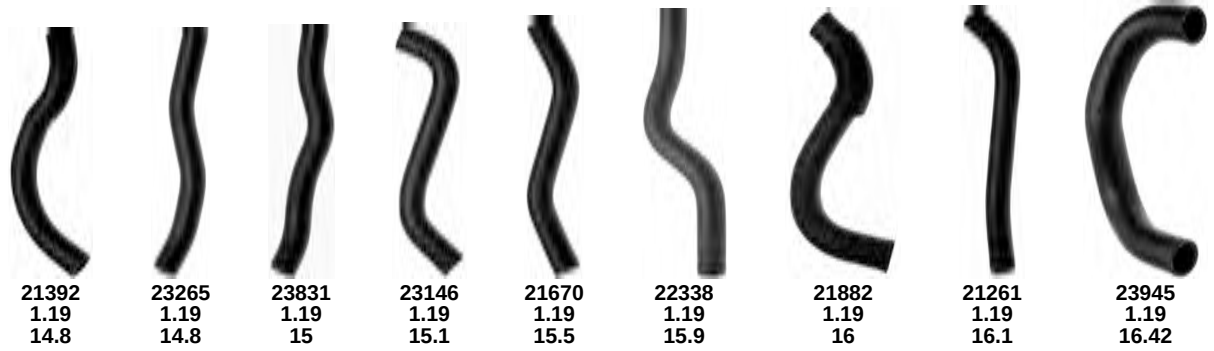
## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

33



34



35



36



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

37



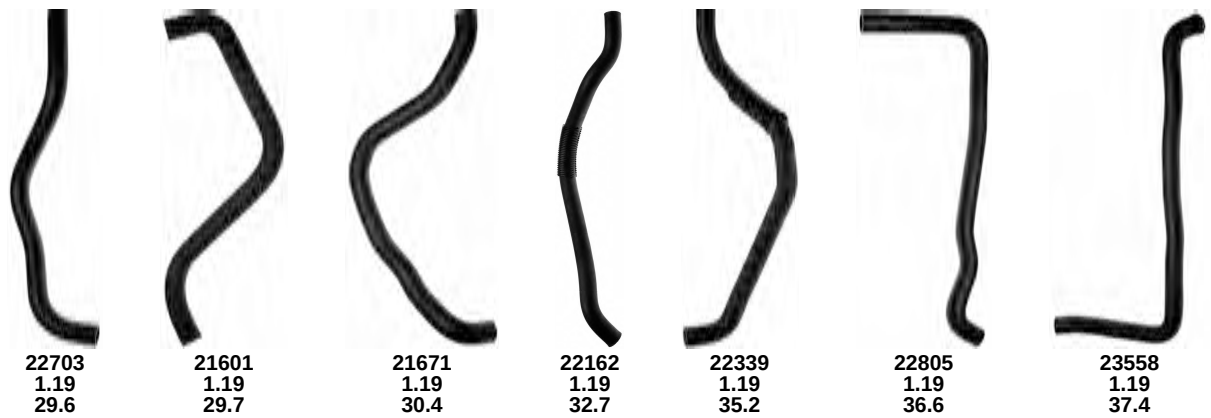
38



39



40



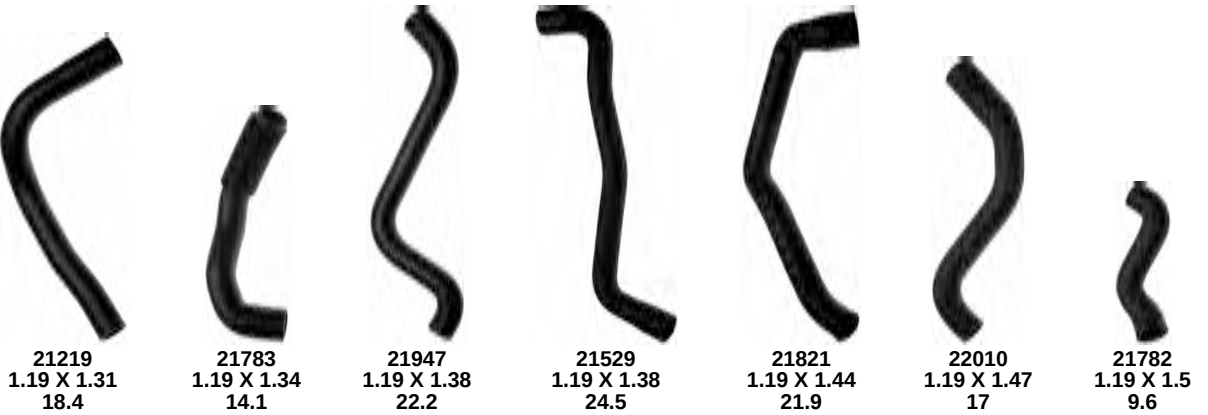
## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

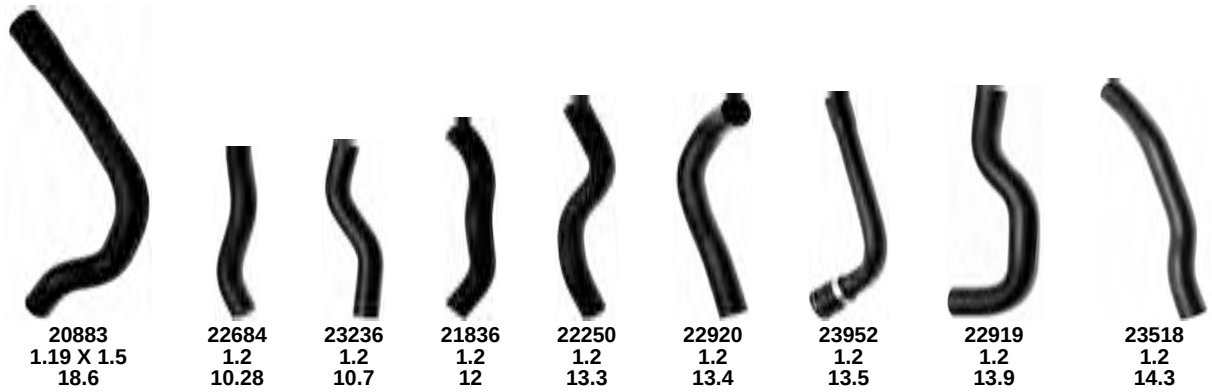
41



42



43



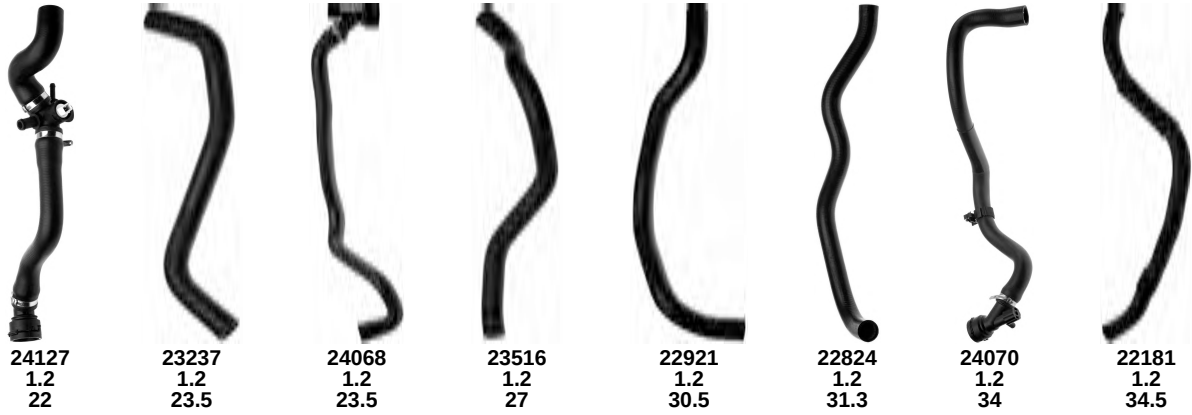
44



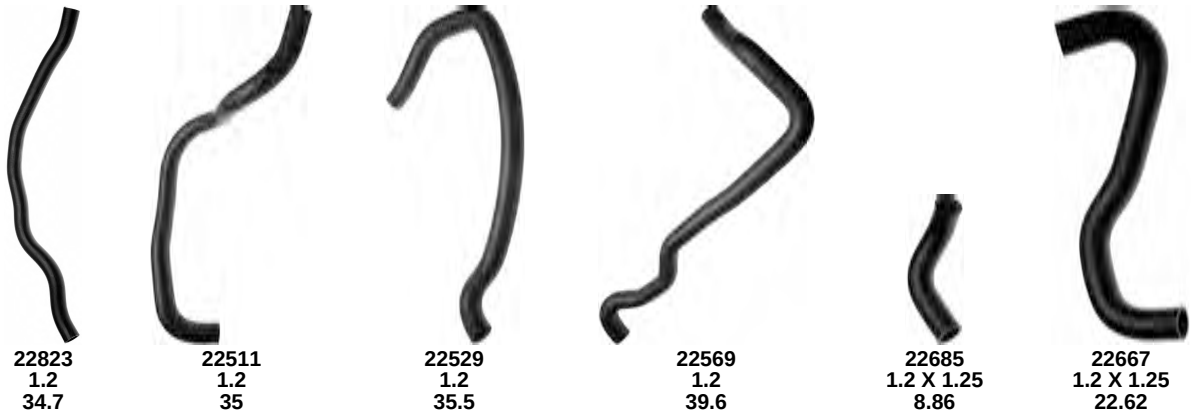
## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

45



46



47



48



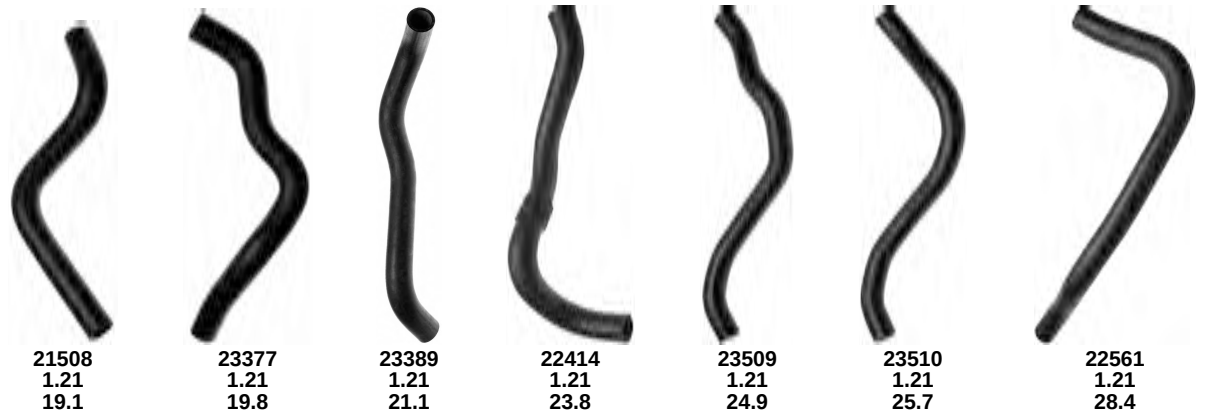
## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

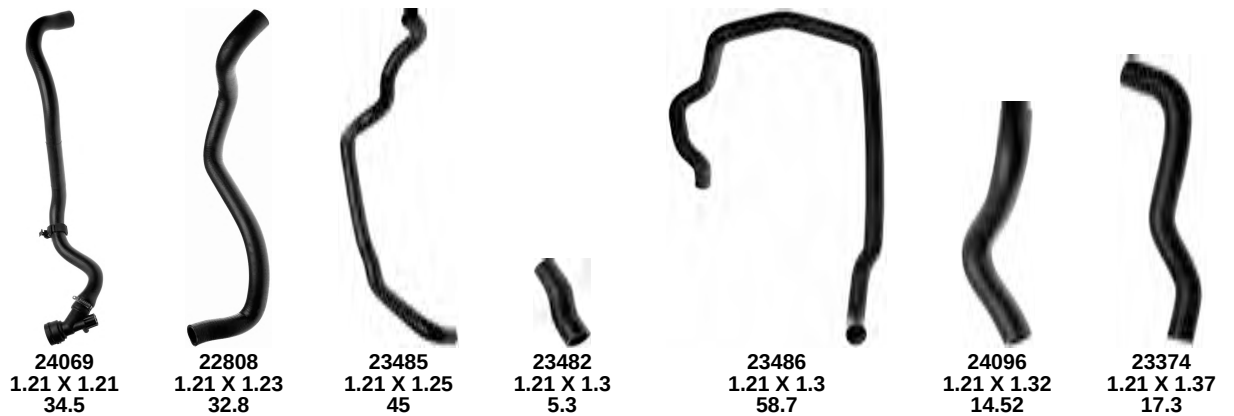
49



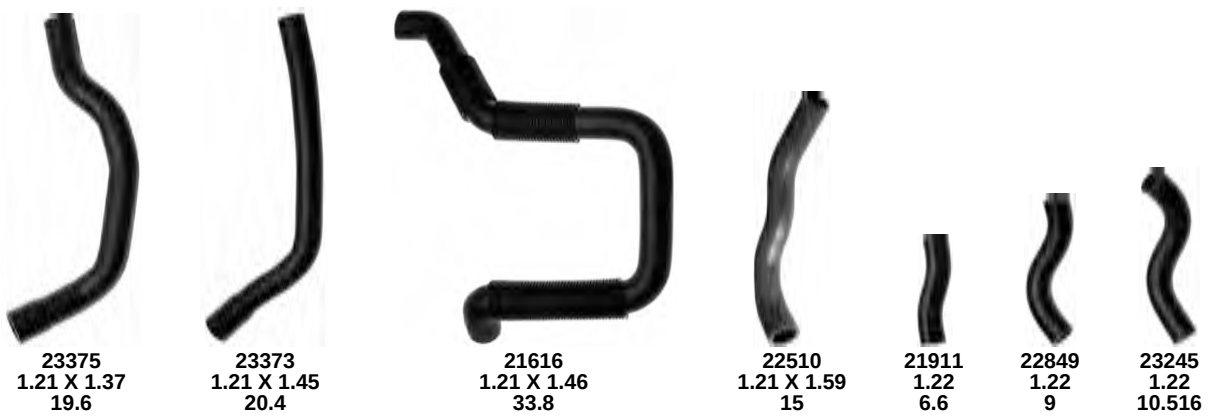
50



51



52



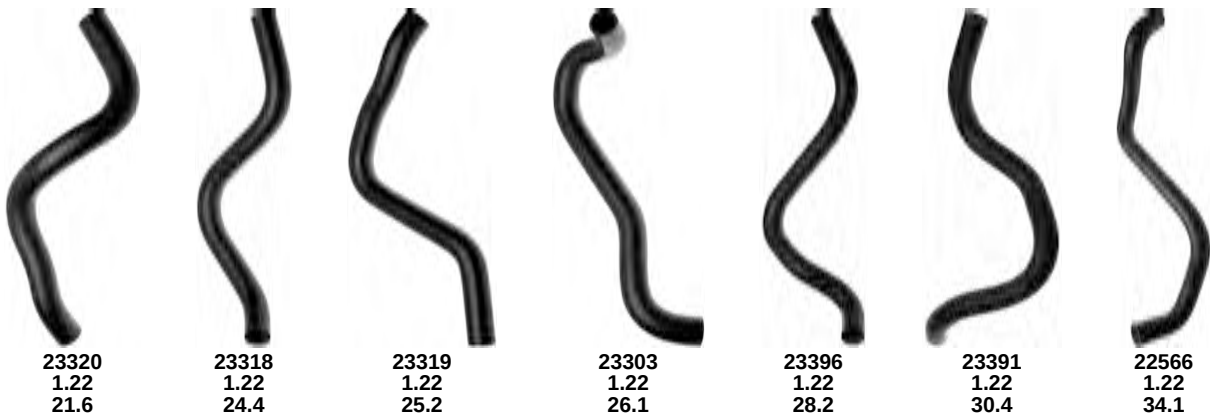
## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

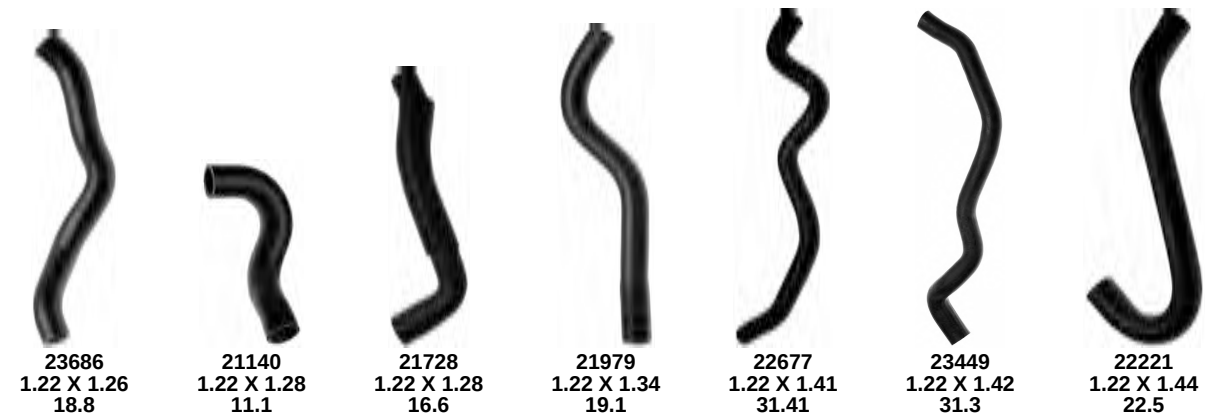
53



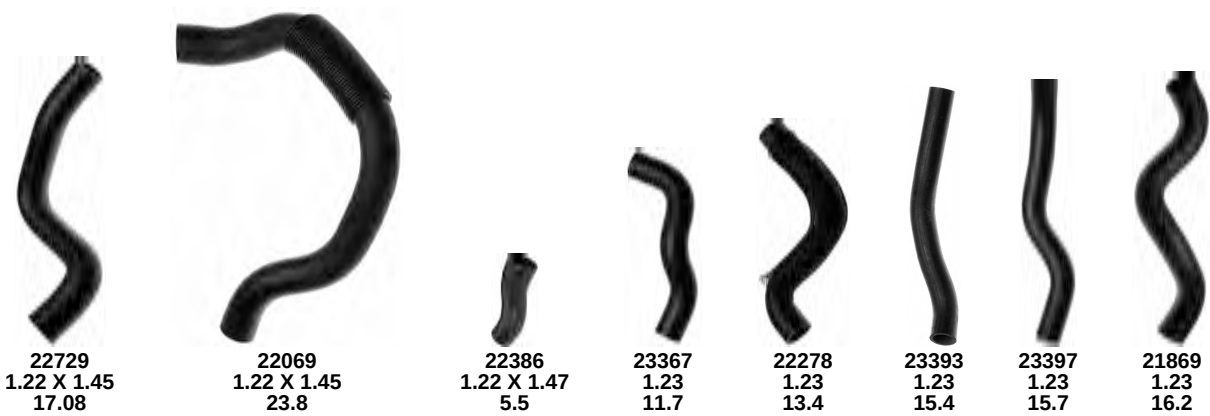
54



55



56



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

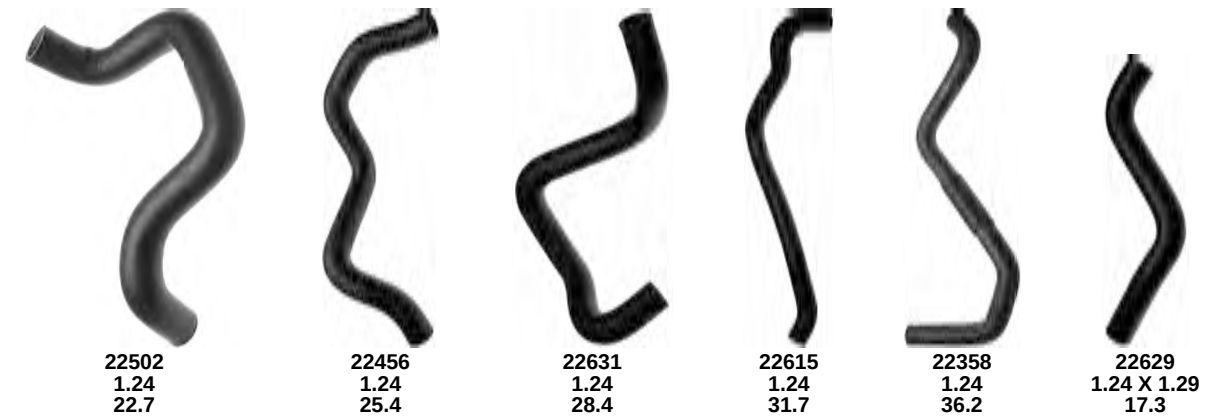
57



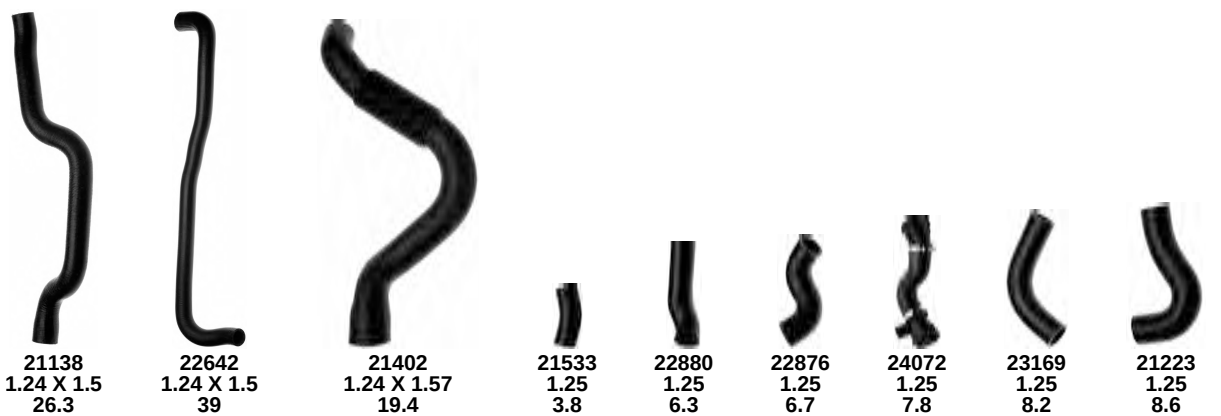
58



59



60



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

61



62



63



64



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

65



66



67



68



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

69



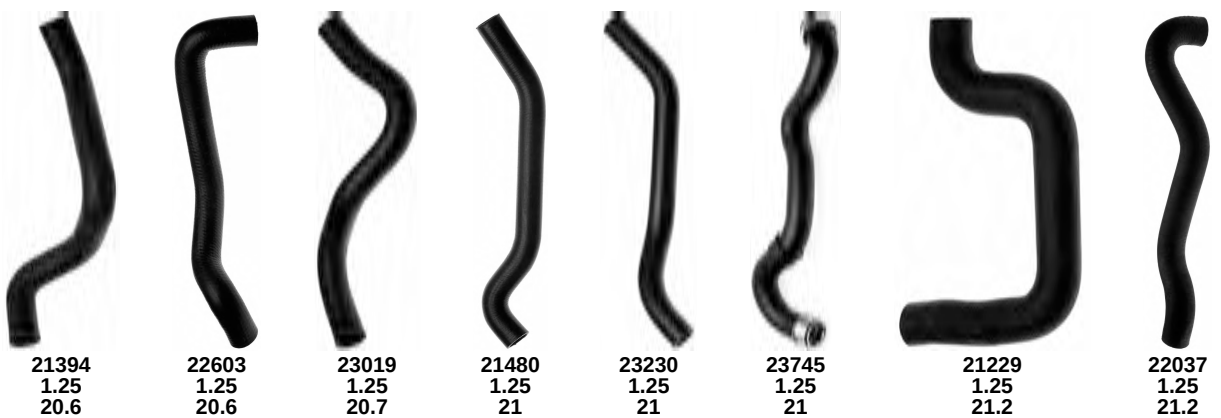
70



71



72



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

73



74



75



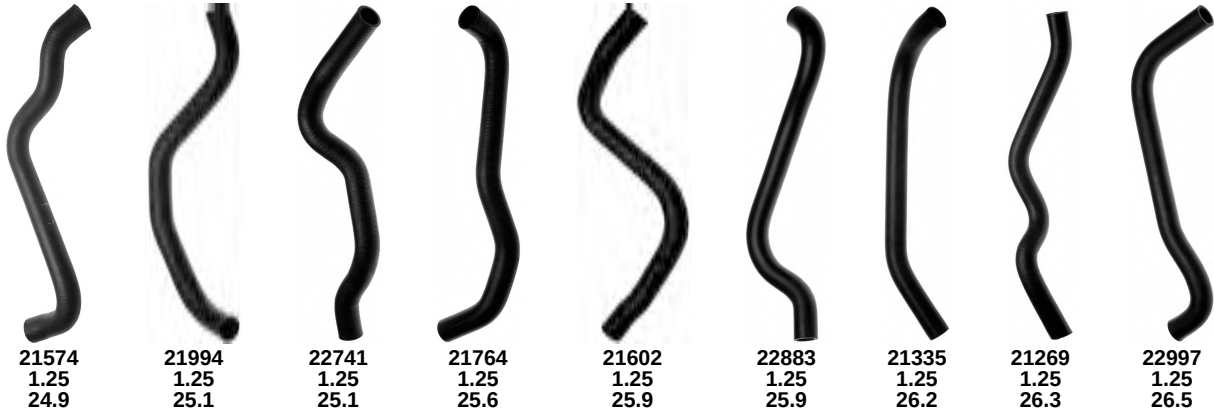
76



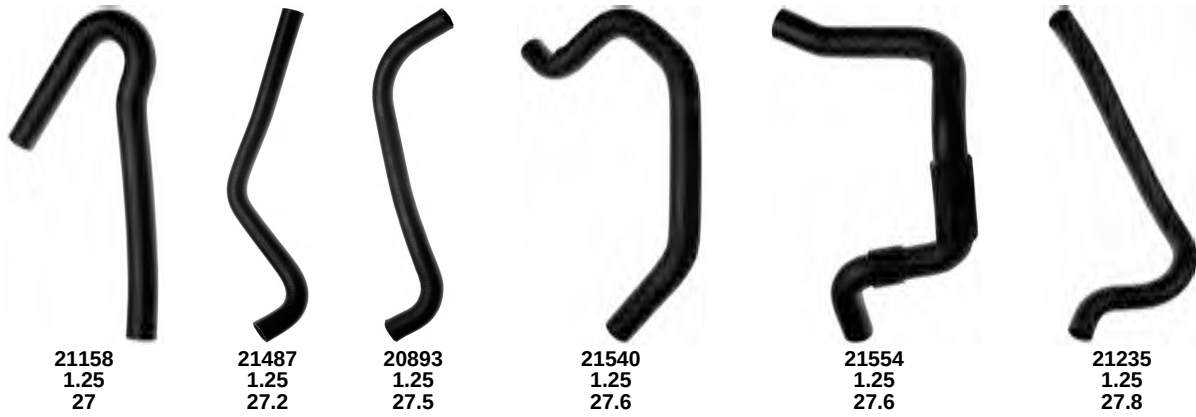
## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

77



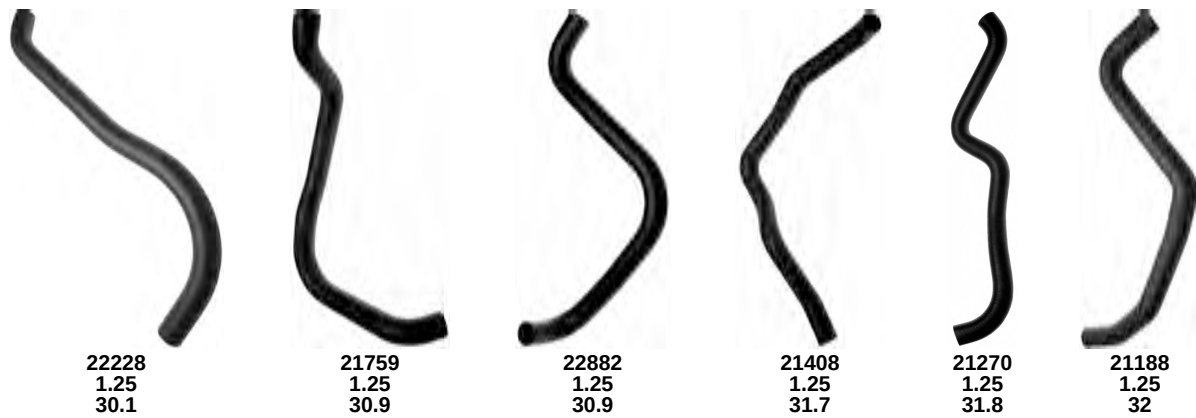
78



79



80



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

81



21189  
1.25  
32.3



22021  
1.25  
33.3



22209  
1.25  
33.4



23295  
1.25  
33.6



21323  
1.25  
34



21707  
1.25  
37.9

82



21775  
1.25  
39



21209  
1.25  
39.3



22080  
1.25  
40



22525  
1.25  
44.8



24071  
1.25 X 1.25  
19.5

83



24067  
1.25 X 1.25  
20



21361  
1.25 X 1.3  
17.3



20700  
1.25 X 1.3  
18.4



21326  
1.25 X 1.31  
11.6



22128  
1.25 X 1.32  
16



22057  
1.25 X 1.32  
22.8



24112  
1.25 X 1.34  
6.5

84



22212  
1.25 X 1.34  
14.3



22002  
1.25 X 1.34  
20.9



23538  
1.25 X 1.34  
23.8



22121  
1.25 X 1.34  
29



22085  
1.25 X 1.34  
45.1



22998  
1.25 X 1.35  
10.5

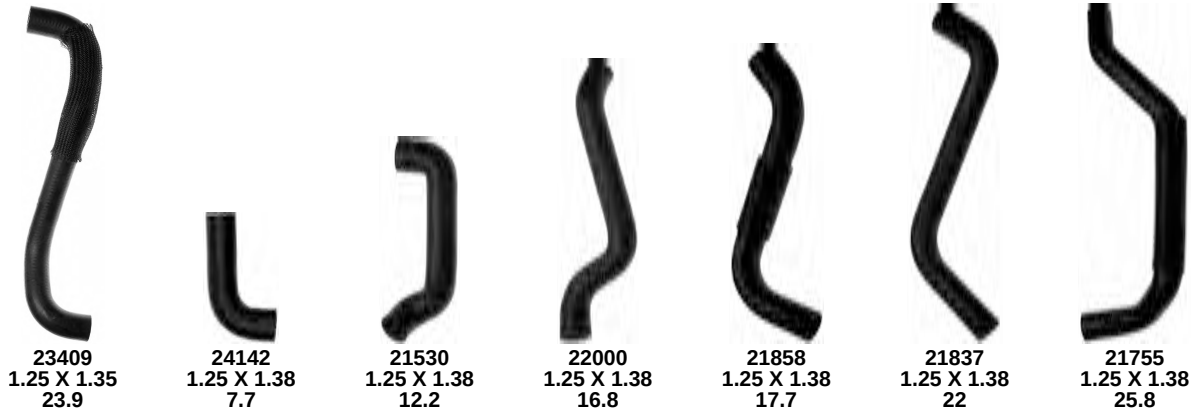


21967  
1.25 X 1.35  
14.2

## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

85



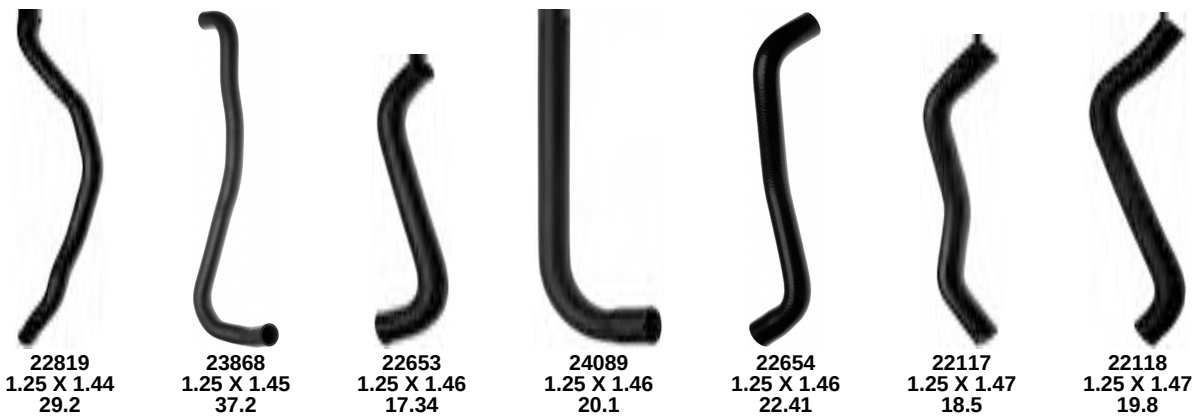
86



87



88



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

89



22040  
1.25 X 1.47  
23.1



22731  
1.25 X 1.475  
19.2



21627  
1.25 X 1.5  
10.5



21389  
1.25 X 1.5  
10.6



21086  
1.25 X 1.5  
10.7



22445  
1.25 X 1.5  
11.3



23183  
1.25 X 1.5  
12.8

90



23026  
1.25 X 1.5  
13.2



21587  
1.25 X 1.5  
13.7



20791  
1.25 X 1.5  
14.2



20797  
1.25 X 1.5  
14.6



22227  
1.25 X 1.5  
15.2



21272  
1.25 X 1.5  
15.6



21103  
1.25 X 1.5  
15.7



22019  
1.25 X 1.5  
15.9

91



22001  
1.25 X 1.5  
16.2



20855  
1.25 X 1.5  
16.3



21885  
1.25 X 1.5  
16.4



21484  
1.25 X 1.5  
16.8



21594  
1.25 X 1.5  
17.2



23028  
1.25 X 1.5  
17.3



20451  
1.25 X 1.5  
17.9

92



21609  
1.25 X 1.5  
18.1



21489  
1.25 X 1.5  
18.2



21160  
1.25 X 1.5  
19.1



22912  
1.25 X 1.5  
19.1



21087  
1.25 X 1.5  
19.3

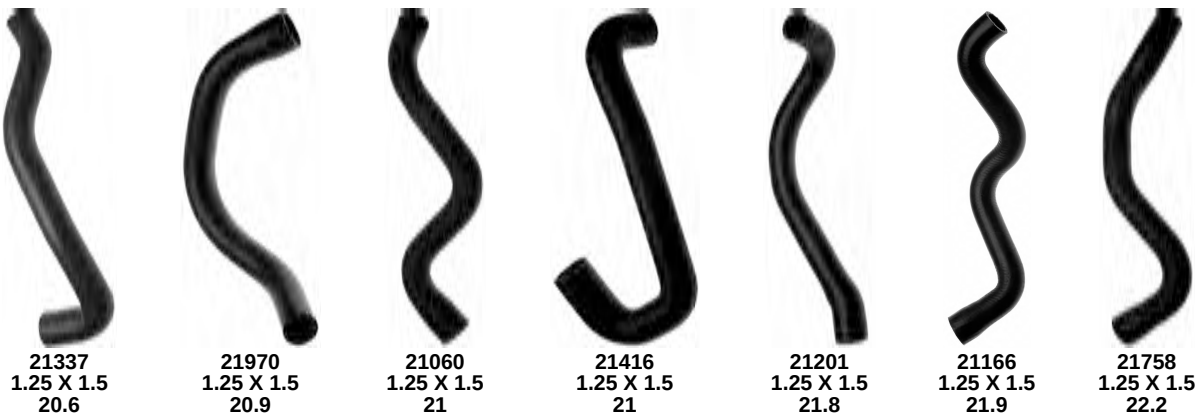
## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

93



94



95



96



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

97



21167  
1.25 X 1.5  
28.9



21639  
1.25 X 1.5  
29.1



22187  
1.25 X 1.5  
30



21264  
1.25 X 1.5  
30.4



21441  
1.25 X 1.5  
30.5



22141  
1.25 X 1.5  
30.7

98



21204  
1.25 X 1.5  
30.8



22229  
1.25 X 1.5  
32.2



21263  
1.25 X 1.5  
32.7



21415  
1.25 X 1.5  
32.8



21485  
1.25 X 1.5  
33.5



23034  
1.25 X 1.5  
33.9

99



21706  
1.25 X 1.5  
34.9



21519  
1.25 X 1.5  
35.7



22786  
1.25 X 1.5  
35.7



21833  
1.25 X 1.5  
38.2



21191  
1.25 X 1.5  
38.6



22003  
1.25 X 1.5  
44.6



22261  
1.25 X 1.5  
45

100



22023  
1.25 X 1.52  
15.1



20701  
1.25 X 1.55  
14.2



21867  
1.25 X 1.55  
14.6



21277  
1.25 X 1.55  
26.5



21205  
1.25 X 1.56  
26.4



21342  
1.25 X 1.56  
29.5



20995  
1.25 X 1.56  
36.5

## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

101



102



103



104



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

105



106



107



108



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

109



110



111



112



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

**113**



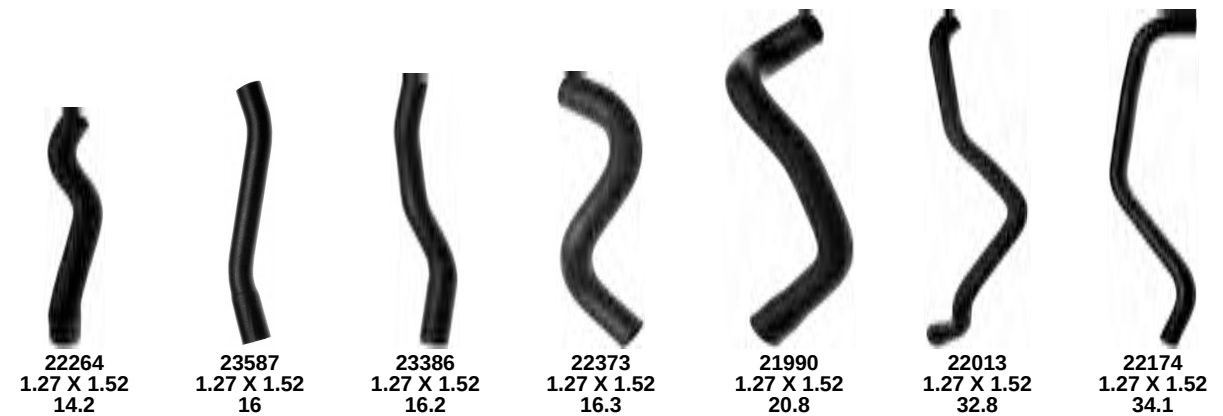
**114**



**115**



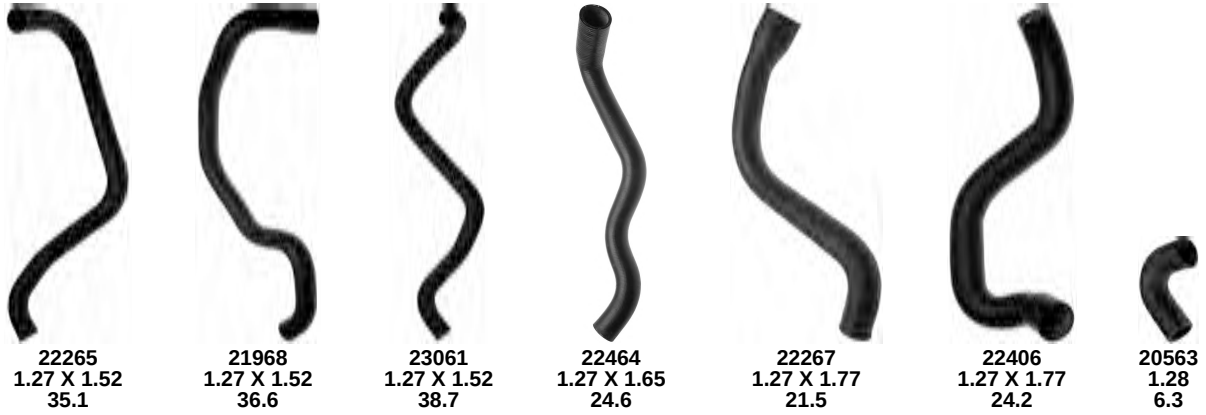
**116**



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

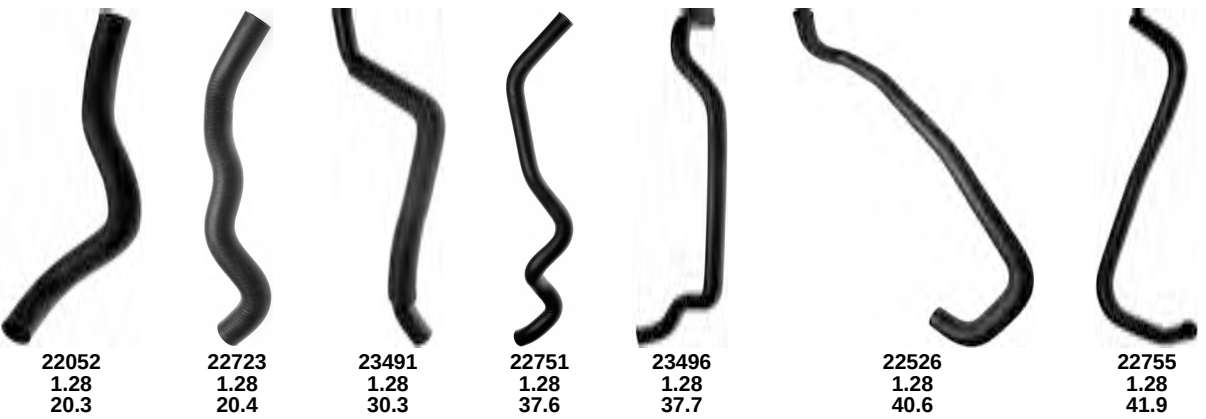
117



118



119



120



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

121



122



123



124



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

125



126



127



128



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

**129**



**130**



**131**



**132**



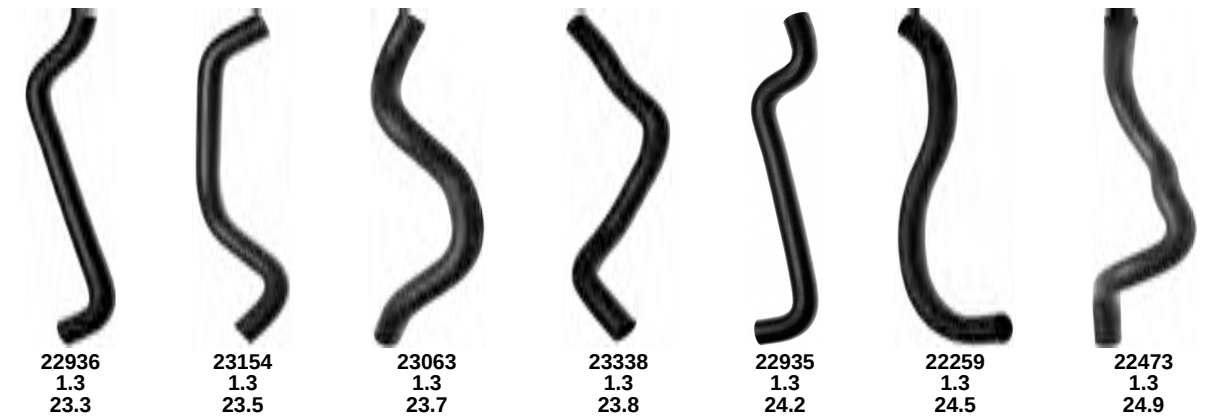
## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

133



134



135



136



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

137



23969  
1.3  
28.3



23500  
1.3  
28.5



22916  
1.3  
28.8



23164  
1.3  
29.6



23118  
1.3  
29.7



23278  
1.3  
30.2

138



23296  
1.3  
30.9



23731  
1.3  
31.7



23126  
1.3  
33



22937  
1.3  
34.7



23123  
1.3  
38.7



22137  
1.3  
38.9

139



24186  
1.3  
40.7



23967  
1.3  
47.2



23184  
1.3  
48.1



23366  
1.3 X 1.16  
16.2



23467  
1.3 X 1.35  
9.3



23468  
1.3 X 1.35  
21.3



23186  
1.3 X 1.35  
24

140



23858  
1.3 X 1.35  
27.3



23857  
1.3 X 1.35  
32.9



22499  
1.3 X 1.4  
17.1



22488  
1.3 X 1.44  
15.9



24144  
1.3 X 1.45  
7.1



23142  
1.3 X 1.45  
15.9



23143  
1.3 X 1.45  
18.5

## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

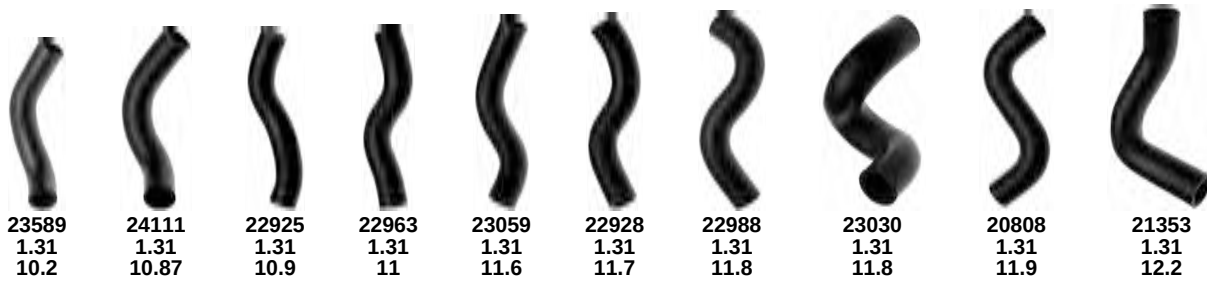
141



142



143



144



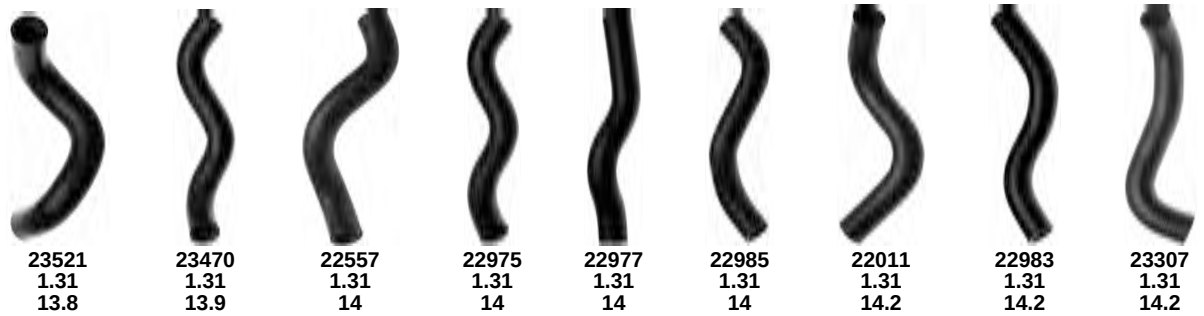
## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

145



146



147



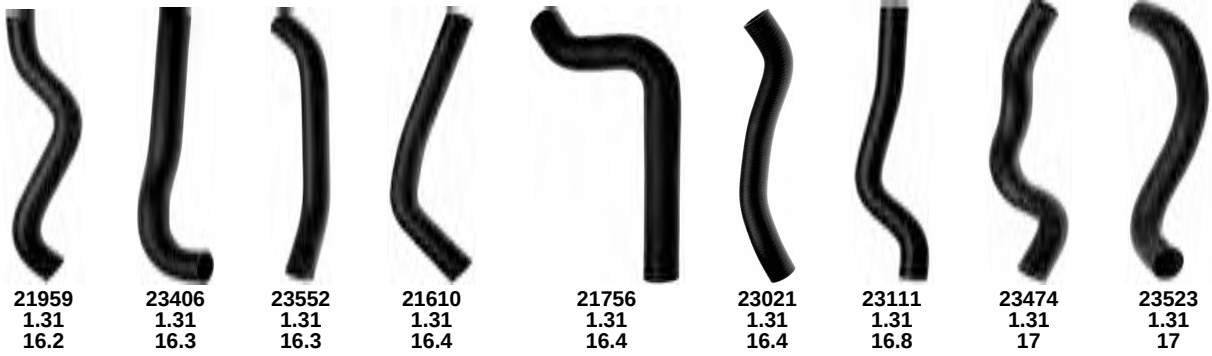
148



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

149



150



151



152



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

153



23231  
1.31  
19.8



22568  
1.31  
19.9



23532  
1.31  
20



22968  
1.31  
20.2



22342  
1.31  
20.3



22113  
1.31  
20.4



22966  
1.31  
20.4

154



23456  
1.31  
20.4



22902  
1.31  
20.5



23719  
1.31  
20.7



22901  
1.31  
20.8



23344  
1.31  
20.8



22825  
1.31  
21.1



23714  
1.31  
21.2



22978  
1.31  
21.7



23346  
1.31  
21.7

155



22918  
1.31  
21.8



23583  
1.31  
21.8



23586  
1.31  
21.8



21737  
1.31  
22



22929  
1.31  
22.1



23455  
1.31  
22.2

156



23929  
1.31  
22.2



23345  
1.31  
22.5



20783  
1.31  
22.9



23022  
1.31  
22.9



23723  
1.31  
23



21672  
1.31  
23.1

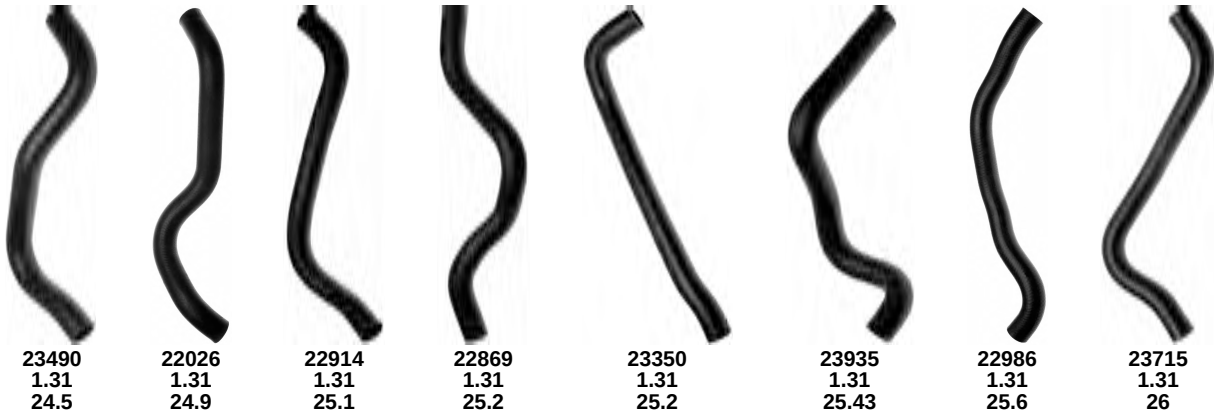
## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

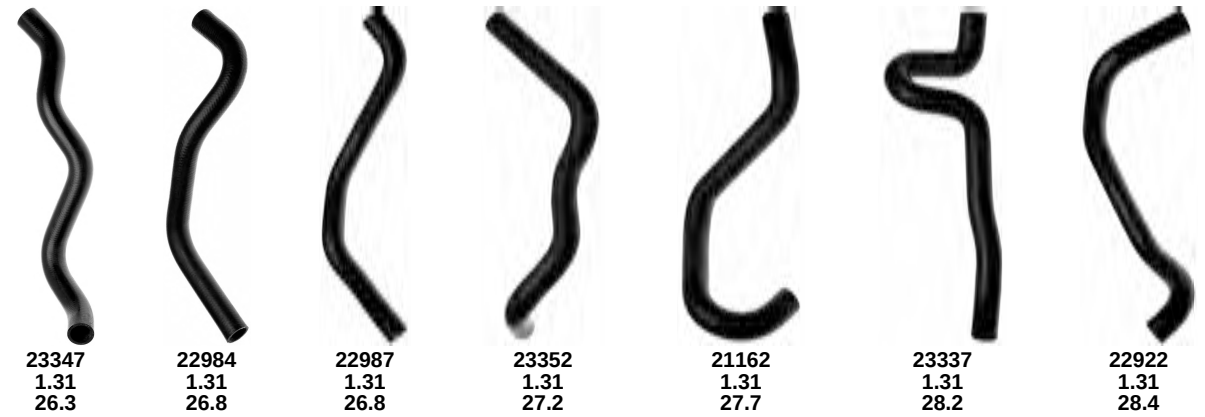
157



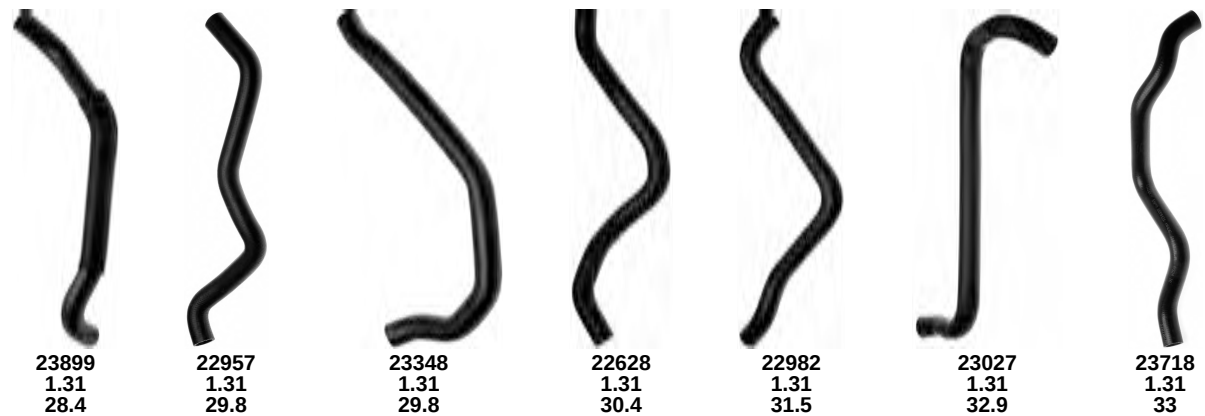
158



159



160



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

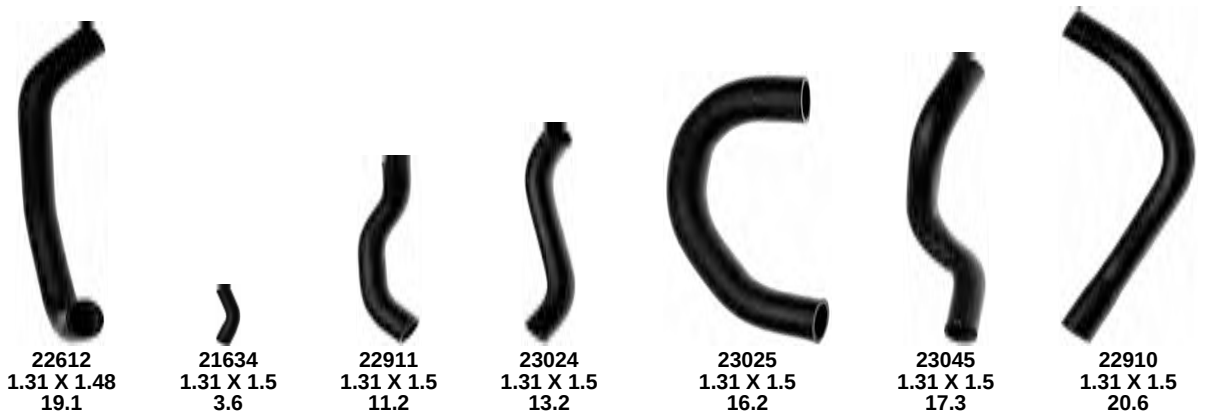
161



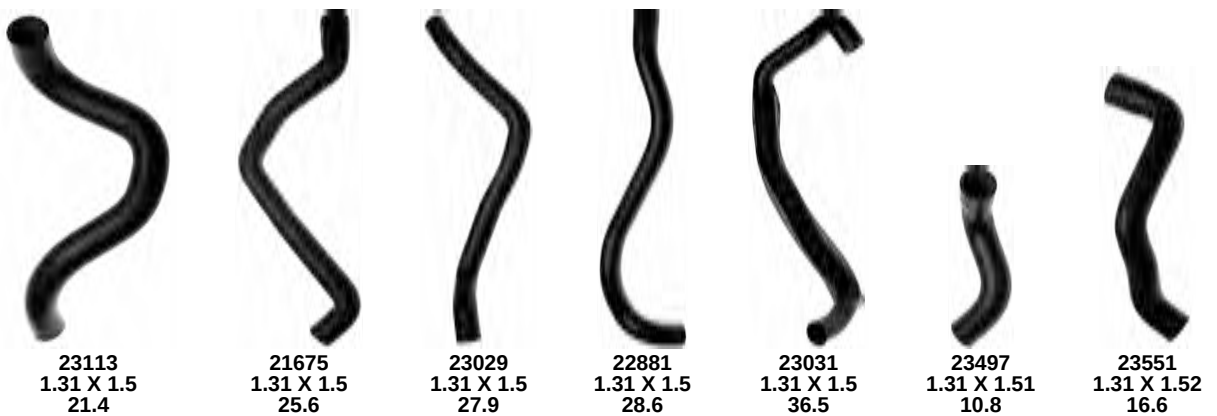
162



163



164



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

165



166



167



168



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

169



170



171



172



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

173



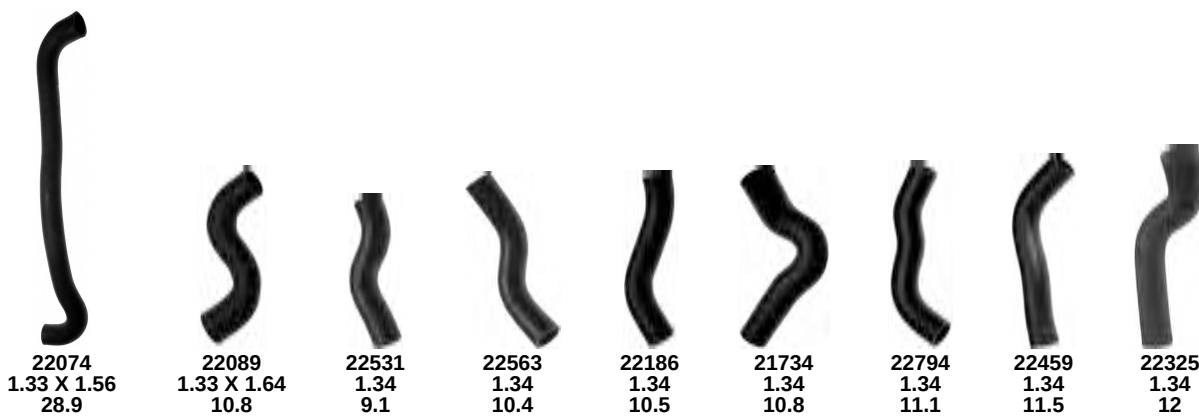
174



175



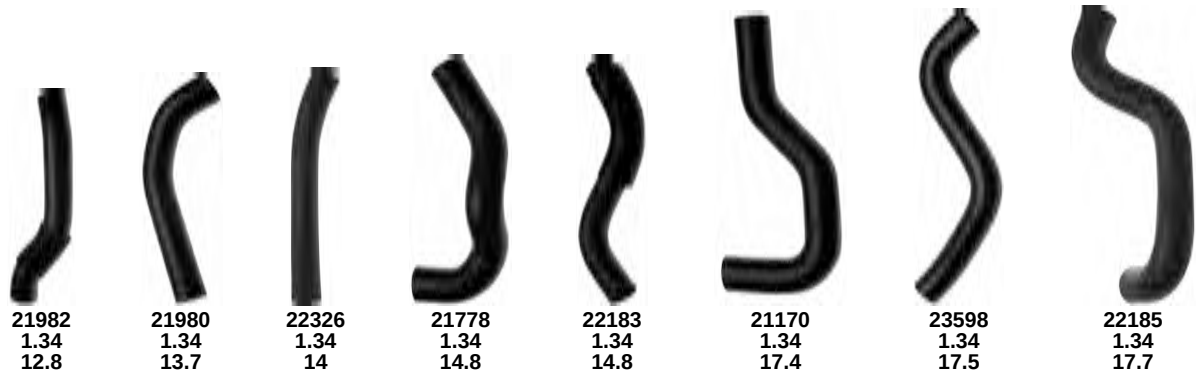
176



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

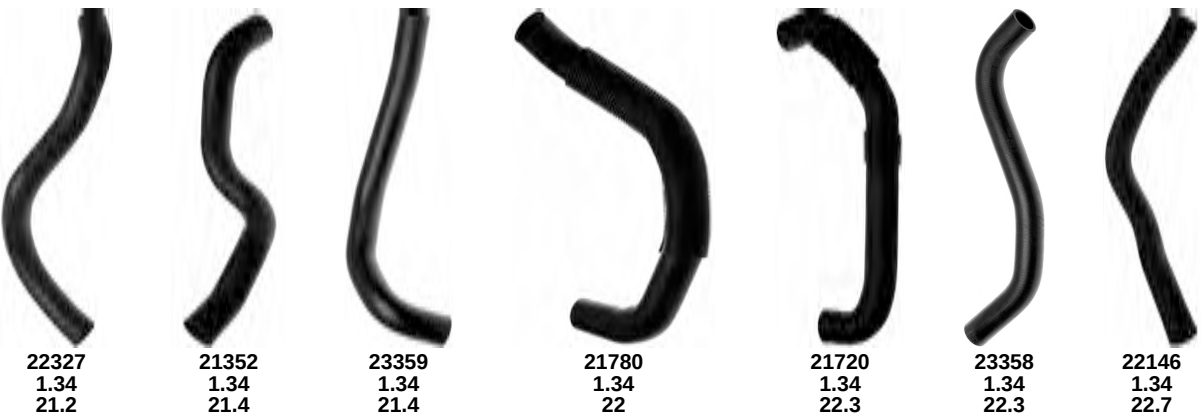
177



178



179



180



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

181



23329  
1.34  
27.6



22123  
1.34  
28.5



21870  
1.34  
28.6



23316  
1.34  
30



22124  
1.34  
30.9



23328  
1.34  
32.1

182



23315  
1.34  
35.1



23434  
1.34 X 1.44  
14.7



24274  
1.34 X 1.45  
14.6



21865  
1.34 X 1.48  
31.8



22626  
1.34 X 1.5  
12.7



22625  
1.34 X 1.5  
20.4

183



22224  
1.34 X 1.5  
21.6



22643  
1.34 X 1.5  
27.6



22004  
1.34 X 1.5  
38.6



22225  
1.34 X 1.5  
41.4



23082  
1.34 X 1.53  
6.4



22235  
1.34 X 1.53  
14



22236  
1.34 X 1.53  
20.8

184



22275  
1.34 X 1.55  
18.2



22478  
1.34 X 1.55  
20



21866  
1.34 X 1.56  
9.1



21572  
1.34 X 1.56  
13.9



23451  
1.34 X 1.56  
16.3



21965  
1.34 X 1.56  
24.2



21878  
1.34 X 1.56  
41.3

## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

**185**



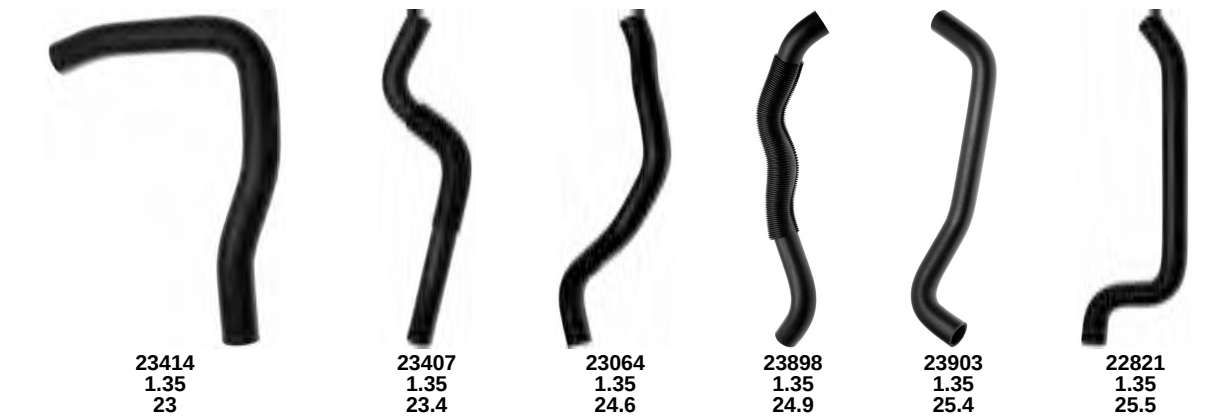
**186**



**187**



**188**



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

189



23712  
1.35  
25.5



23737  
1.35  
25.6



23902  
1.35  
25.7



23738  
1.35  
26.2



22799  
1.35  
26.8



23650  
1.35  
26.8

190



23416  
1.35  
26.9



23901  
1.35  
27.1



22481  
1.35  
27.3



23904  
1.35  
27.3



23905  
1.35  
27.4



23897  
1.35  
28.4



23920  
1.35  
28.6

191



23906  
1.35  
29



23639  
1.35  
29.1



23900  
1.35  
29.3



23647  
1.35  
31.2



23637  
1.35  
33.2



23736  
1.35  
33.9



23530  
1.35  
40.7

192



23413  
1.35  
42.5



23412  
1.35  
43



23454  
1.35 X 1.45  
19.4



22084  
1.35 X 1.49  
46.9



23463  
1.35 X 1.5  
12.8



23810  
1.35 X 1.5  
19.4

## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

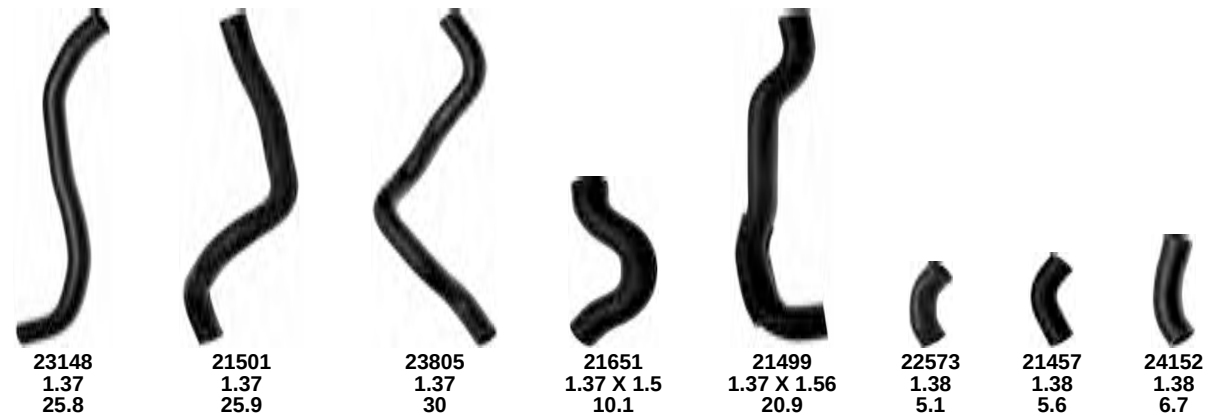
193



194



195



196



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

197



198



199



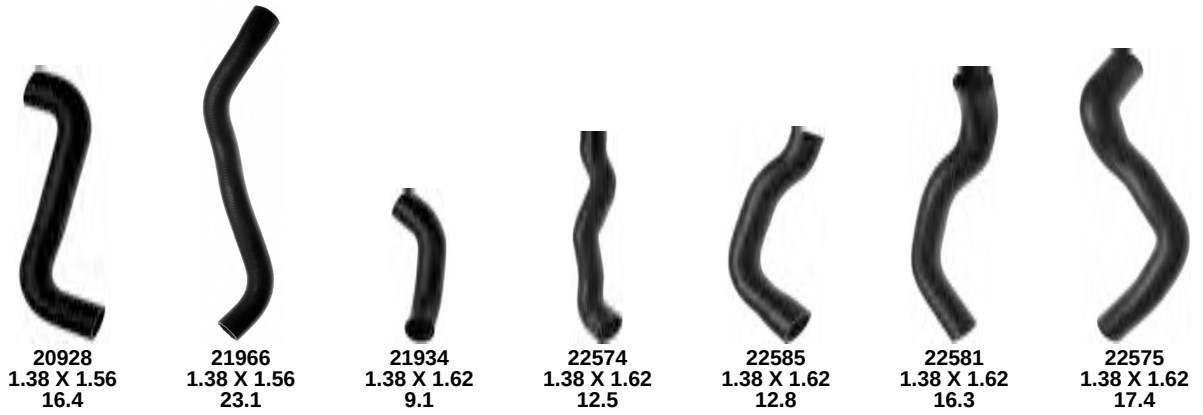
200



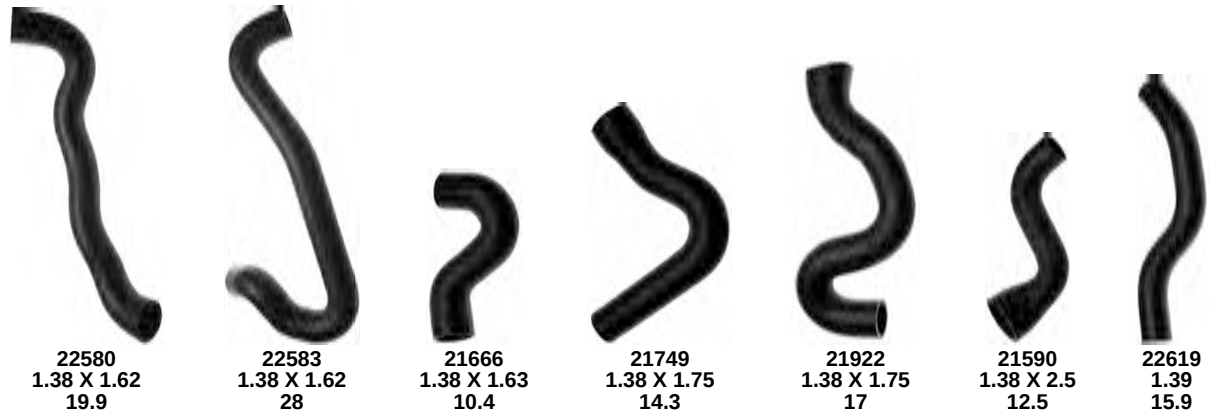
## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

201



202



203



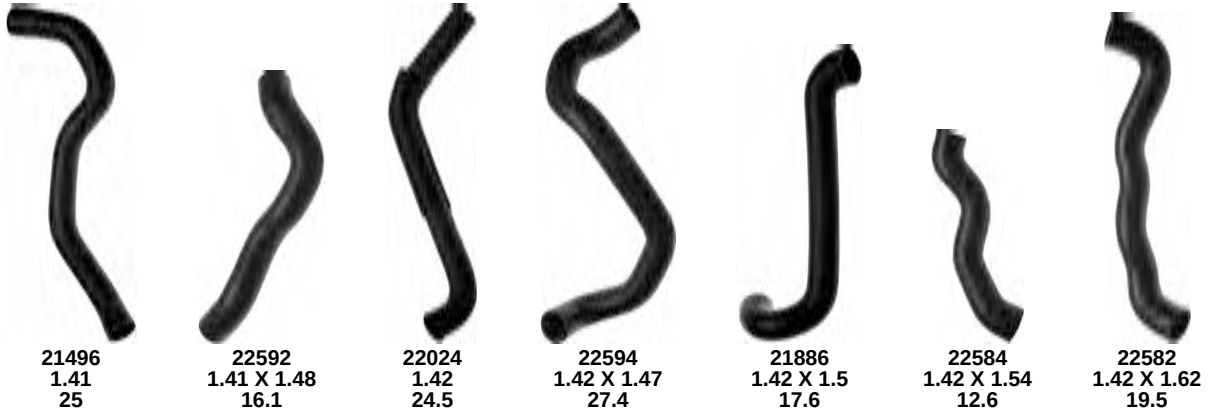
204



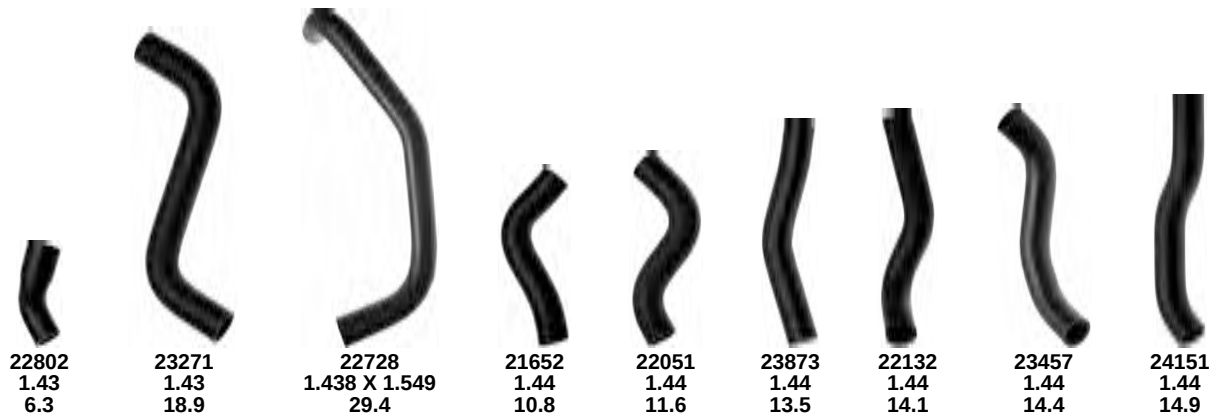
## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

205



206



207



208



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

209



21898  
1.44  
21.8



23151  
1.44  
25.3



22044  
1.44  
25.6



22789  
1.44  
25.7



22020  
1.44  
27.1



21900  
1.44  
29.4



22043  
1.44  
36.2

210



23866  
1.44  
37.71



24174  
1.44  
44.3



21736  
1.44 X 1.5  
19.2



21575  
1.44 X 1.5  
21.9



22050  
1.44 X 1.56  
6.6



22878  
1.44 X 1.6  
16.1



23458  
1.44 X 1.6  
19.7

211



21655  
1.44 X 1.62  
20.3



22941  
1.44 X 1.65  
34



22735  
1.44 X 1.66  
16.066



22940  
1.44 X 1.75  
12.5



22900  
1.44 X 1.8  
20.6



21931  
1.44 X 2.44  
15.9



23478  
1.45  
9.6

212



23685  
1.45  
13.4



22509  
1.45  
15



22377  
1.45  
15.3



23477  
1.45  
16.4



22691  
1.45  
19.21



22680  
1.45  
19.86



22122  
1.45  
21.7



23287  
1.45  
22.1

## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

213



22150  
1.45  
22.6



24262  
1.45  
22.9



22530  
1.45  
23.4



22376  
1.45  
25.3



22144  
1.45  
28.9



22245  
1.45  
35.2

214



23961  
1.45 X 1.48  
21.5



23250  
1.45 X 1.74  
5.6



23112  
1.45 X 1.8  
32.1



22545  
1.46  
7.5



23309  
1.46  
13.4



22543  
1.46  
13.7

215



22547  
1.46  
15.5



22544  
1.46  
18



22489  
1.46  
18.3



22546  
1.46  
19.6



22831  
1.46  
20.1



22832  
1.46  
20.2



22675  
1.46  
22



22674  
1.46  
22.9

216



23310  
1.46  
22.9



23018  
1.46  
25.1



22035  
1.46  
27.4



23311  
1.46  
27.8



22066  
1.46 X 1.49  
37.2



21623  
1.46 X 1.5  
16.6



22590  
1.46 X 1.53  
12.5

## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

217



218



219



220



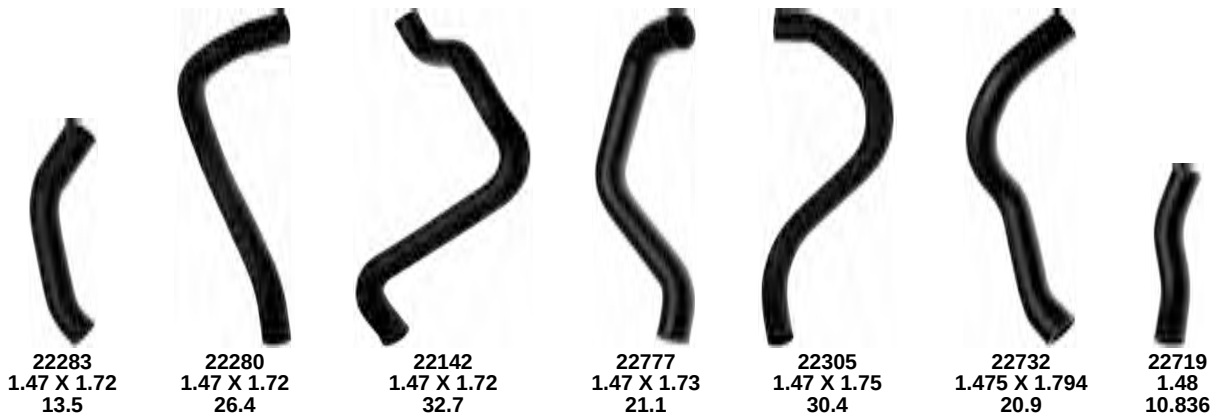
## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

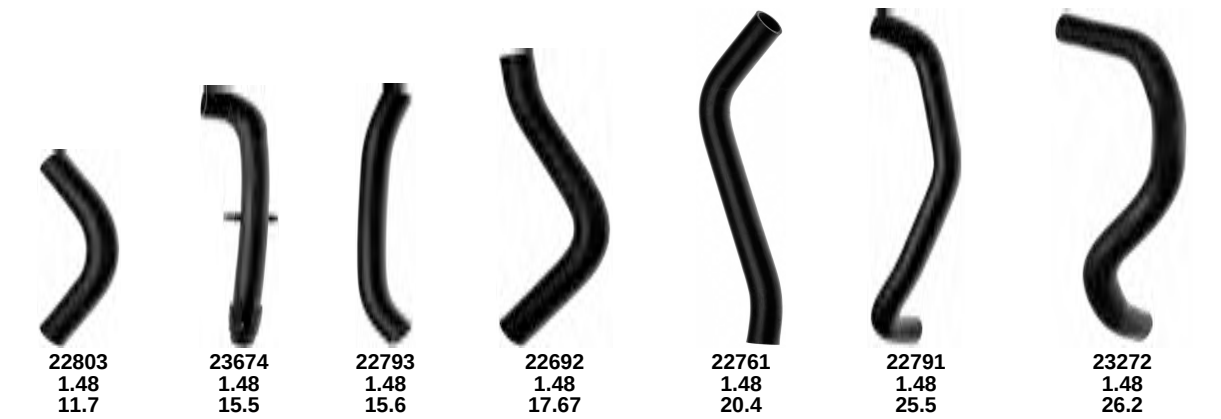
221



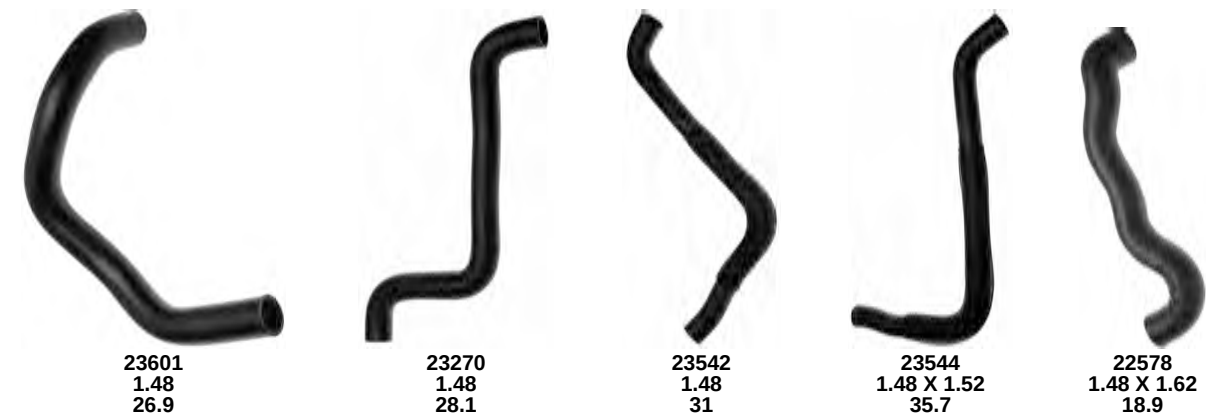
222



223



224



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

225



226



227



228



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

**229**



**230**



**231**



**232**



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

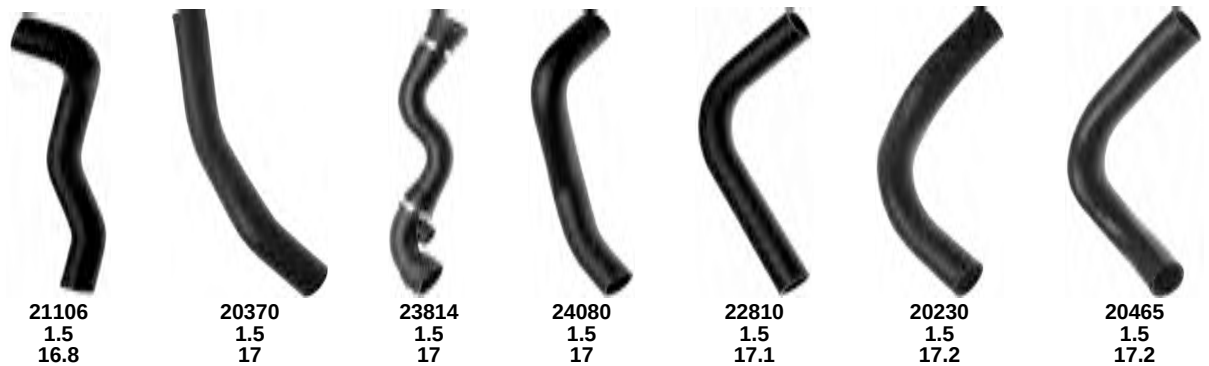
**233**



**234**



**235**



**236**



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

237



238



239



240



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

241



20875  
1.5  
20.3



20993  
1.5  
20.4



22484  
1.5  
20.4



20606  
1.5  
20.5



21794  
1.5  
20.5

242



20416  
1.5  
20.6



20466  
1.5  
20.6



20626  
1.5  
20.6



20763  
1.5  
20.6



20602  
1.5  
20.7



20817  
1.5  
20.8



22303  
1.5  
20.8

243



21179  
1.5  
20.9



21585  
1.5  
20.9



20229  
1.5  
21.1



20949  
1.5  
21.1



20816  
1.5  
21.2



22446  
1.5  
21.2

244



20947  
1.5  
21.3



23097  
1.5  
21.4



20542  
1.5  
21.6



20597  
1.5  
21.6



22994  
1.5  
21.6



23050  
1.5  
21.9



20406  
1.5  
22

## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

245



20836  
1.5  
22.5



21945  
1.5  
22.6



21157  
1.5  
22.7



21712  
1.5  
22.7



21714  
1.5  
22.9



20504  
1.5  
23

246



20549  
1.5  
23



21113  
1.5  
23.2



21406  
1.5  
23.3



21220  
1.5  
23.4



22917  
1.5  
23.4



21645  
1.5  
23.5



22859  
1.5  
23.7

247



21141  
1.5  
23.9



20686  
1.5  
24.1



20874  
1.5  
24.2



24265  
1.5  
24.3



20607  
1.5  
24.4

248



20541  
1.5  
24.6



21052  
1.5  
24.6



21998  
1.5  
24.6



20704  
1.5  
24.7



21954  
1.5  
24.9



22467  
1.5  
25.2



23870  
1.5  
25.23

## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

249



20543  
1.5  
25.4



20914  
1.5  
25.4



21955  
1.5  
25.4



21912  
1.5  
25.5



21711  
1.5  
25.6



22041  
1.5  
25.6

250



21105  
1.5  
26



22451  
1.5  
26.1



21283  
1.5  
26.2



22908  
1.5  
26.3



20508  
1.5  
26.5



20823  
1.5  
26.6



21772  
1.5  
26.6

251



21730  
1.5  
26.7



20868  
1.5  
26.8



21152  
1.5  
27



20827  
1.5  
27.1



23687  
1.5  
27.4



23690  
1.5  
27.4



21095  
1.5  
27.5

252



21972  
1.5  
27.6



21343  
1.5  
27.8



20869  
1.5  
27.9



22694  
1.5  
28.062



21183  
1.5  
28.5



20577  
1.5  
28.6

## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

253



21211  
1.5  
28.7



20980  
1.5  
28.8



20838  
1.5  
28.9



21327  
1.5  
29.3



23445  
1.5  
29.3



20598  
1.5  
29.6

254



23364  
1.5  
29.6



21043  
1.5  
29.8



20983  
1.5  
31



21148  
1.5  
31.9



20632  
1.5  
32.2



21412  
1.5  
32.5



20676  
1.5  
32.6

255



23660  
1.5  
33.1



21153  
1.5  
33.8



21237  
1.5  
34.8



23444  
1.5  
34.8



20710  
1.5  
35.7



23362  
1.5  
37.2

256



20683  
1.5  
37.5



20840  
1.5  
37.8



22226  
1.5  
40.1



21298  
1.5  
42.3



21830  
1.5  
42.3



24073  
1.5 X 1.5  
8.5



24117  
1.5 X 1.5  
13.75

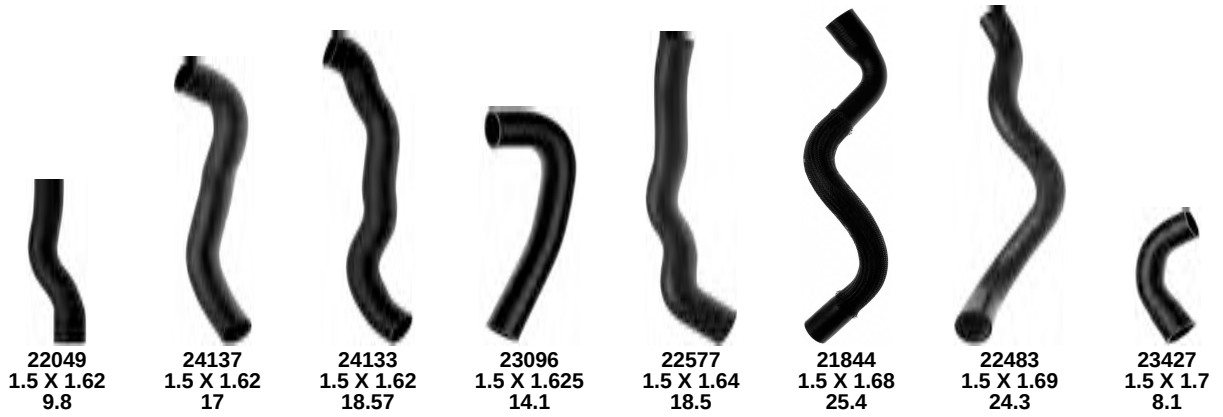


24254  
1.5 X 1.6  
3.9

## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

257



258



259



260



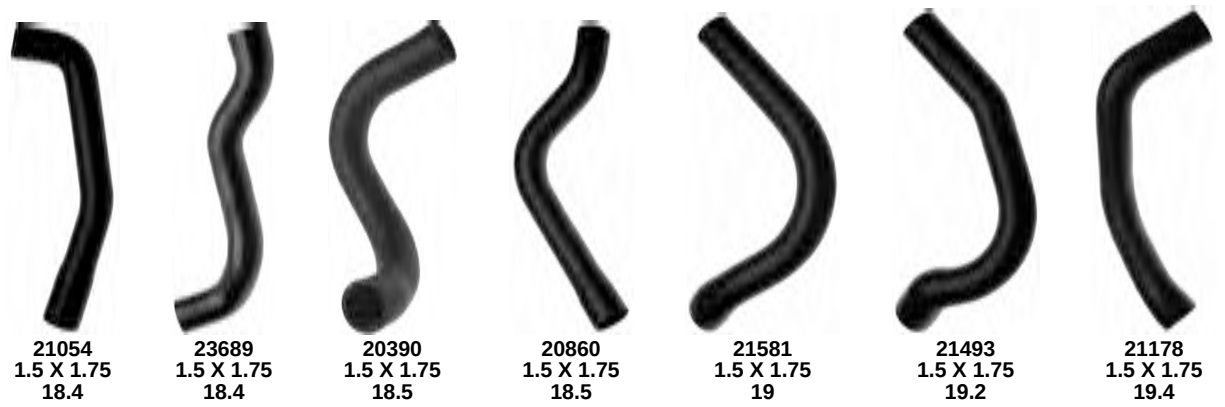
## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

261



262



263



264



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

**265**



**266**



**267**



**268**



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

269



23605  
1.5 X 1.75  
47.2



22558  
1.5 X 1.77  
16.7



22559  
1.5 X 1.77  
26.2



20537  
1.5 X 1.78  
19.2



23035  
1.5 X 1.8  
39.3



21150  
1.5 X 1.81  
16.2

270



20954  
1.5 X 1.85  
21.8



20705  
1.5 X 1.87  
17.9



20703  
1.5 X 1.87  
20.1



20539  
1.5 X 1.88  
15.1



20922  
1.5 X 1.88  
16.1



22706  
1.5 X 1.93  
23.643

271



20620  
1.5 X 1.94  
22.8



22678  
1.5 X 1.94  
31.35



21375  
1.5 X 2  
5.6



20452  
1.5 X 2  
12.3



20837  
1.5 X 2  
20.3



23095  
1.5 X 2  
21.8



20910  
1.5 X 2  
29.3

272



22663  
1.504 X 2  
33.3



22811  
1.51  
9.3



22638  
1.51  
10.12



22639  
1.51  
14.09



22809  
1.51  
22



22655  
1.51 X 1.77  
21.65



22854  
1.519 X 1.772  
28.893



22329  
1.52  
17.7

## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

273



274



275



276



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

277



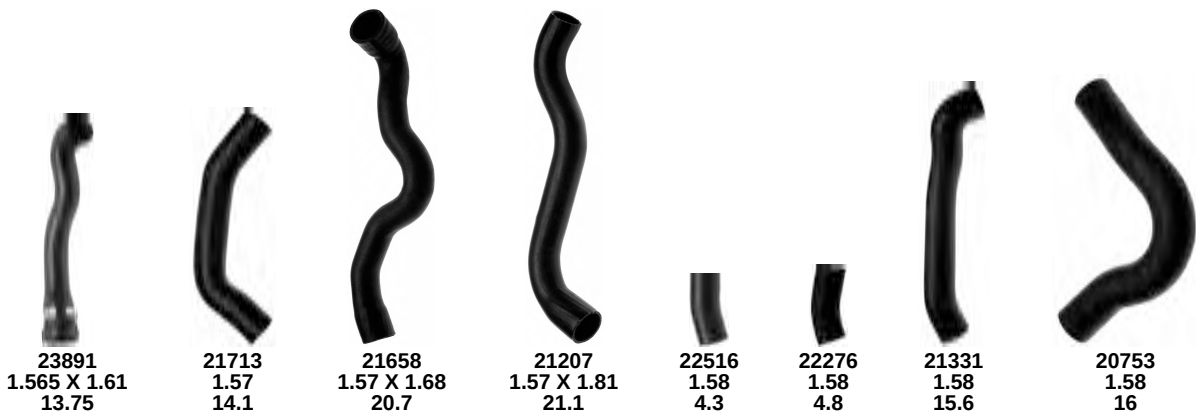
278



279



280



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

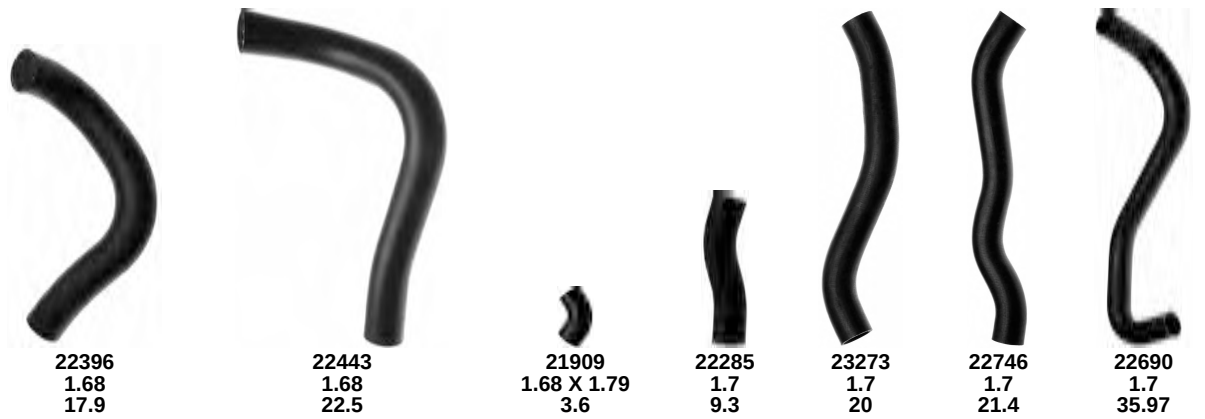
**281**



**282**



**283**



**284**



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

285



286



287



288



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

289



290



291



292



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

293



20046  
1.75  
18



20957  
1.75  
18.2



21064  
1.75  
18.2



24183  
1.75  
18.5



20621  
1.75  
18.6



20345  
1.75  
18.7

294



21409  
1.75  
18.9



20400  
1.75  
19



20582  
1.75  
19.5



20437  
1.75  
19.6



21661  
1.75  
19.6



21796  
1.75  
19.6

295



21856  
1.75  
19.6



20417  
1.75  
19.7



20365  
1.75  
20



23040  
1.75  
20



23067  
1.75  
20.1



20531  
1.75  
20.4

296



21956  
1.75  
20.5



21798  
1.75  
20.6



20674  
1.75  
21.2



22541  
1.75  
21.2



20623  
1.75  
21.8

## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

297



21797  
1.75  
21.8



20675  
1.75  
22.3



20812  
1.75  
22.4



22763  
1.75  
23



20694  
1.75  
23.2



22042  
1.75  
23.3

298



21849  
1.75  
23.4



20584  
1.75  
24



21284  
1.75  
24.1



21930  
1.75  
24.1



20536  
1.75  
24.2



23721  
1.75  
24.7



23077  
1.75  
26.4

299



20811  
1.75  
27



21216  
1.75  
27.3



21776  
1.75  
29.2



22081  
1.75  
29.7



22863  
1.75  
30.3



22247  
1.75  
31.1



21825  
1.75  
31.3

300



22862  
1.75  
31.6



22360  
1.75  
32.2



22036  
1.75  
32.6



23504  
1.75  
33.1



21377  
1.75  
33.6

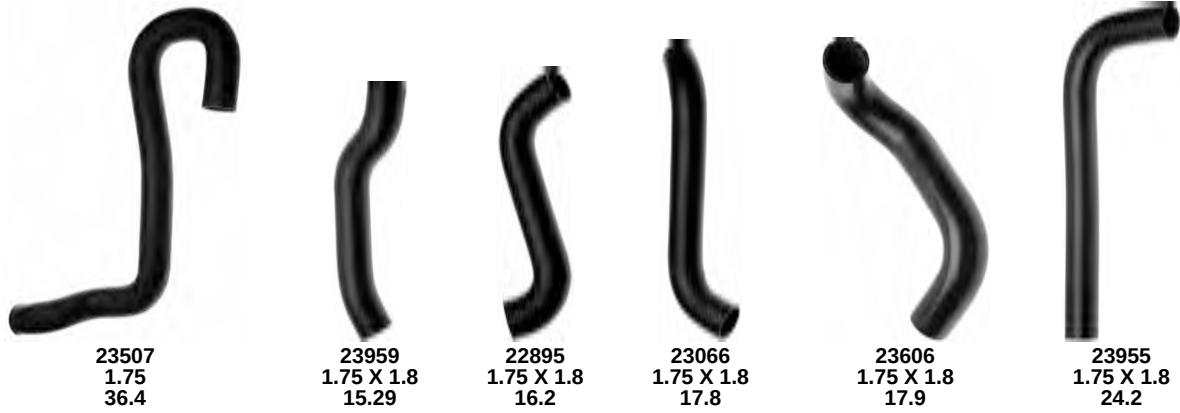


22053  
1.75  
34.2

## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

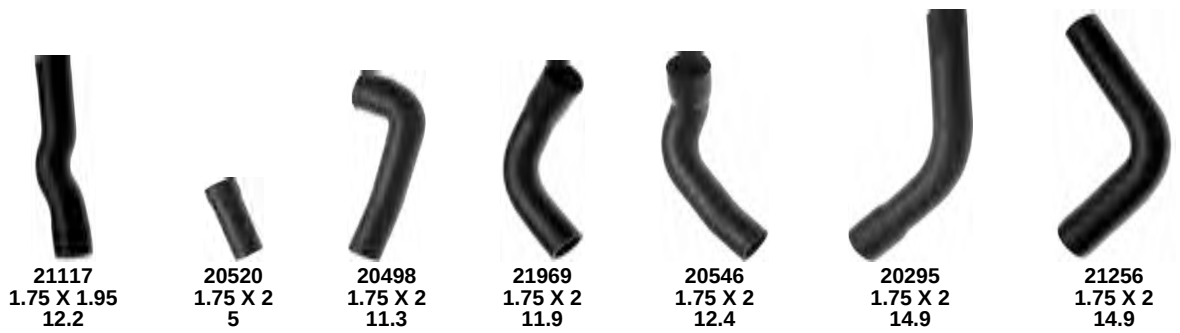
301



302



303



304



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

**305**



**306**



**307**



**308**



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

309



24276  
1.75 X 2  
25.8



20761  
1.75 X 2  
26.6



23114  
1.75 X 2  
26.9



24033  
1.75 X 2  
29.8



22795  
1.75 X 2  
30.96



22766  
1.75 X 2  
31



21243  
1.75 X 2  
31.2

310



23087  
1.75 X 2  
32.3



22765  
1.75 X 2  
32.8



22025  
1.75 X 2  
37.1



22764  
1.75 X 2  
39.2



23099  
1.75 X 2  
39.5



23071  
1.75 X 2  
51.1



20615  
1.75 X 2.07  
10.8

311



20614  
1.75 X 2.07  
15



20509  
1.75 X 2.07  
16.5



20613  
1.75 X 2.07  
18.3



21826  
1.75 X 2.12  
21



21285  
1.75 X 2.12  
21.6



20458  
1.75 X 2.25  
10.8



20572  
1.75 X 2.25  
15

312



21731  
1.75 X 2.28  
23.9



22548  
1.76  
39.6



23499  
1.77  
19.9



22268  
1.77  
23.1



22718  
1.78  
12.04



23227  
1.78  
20.3

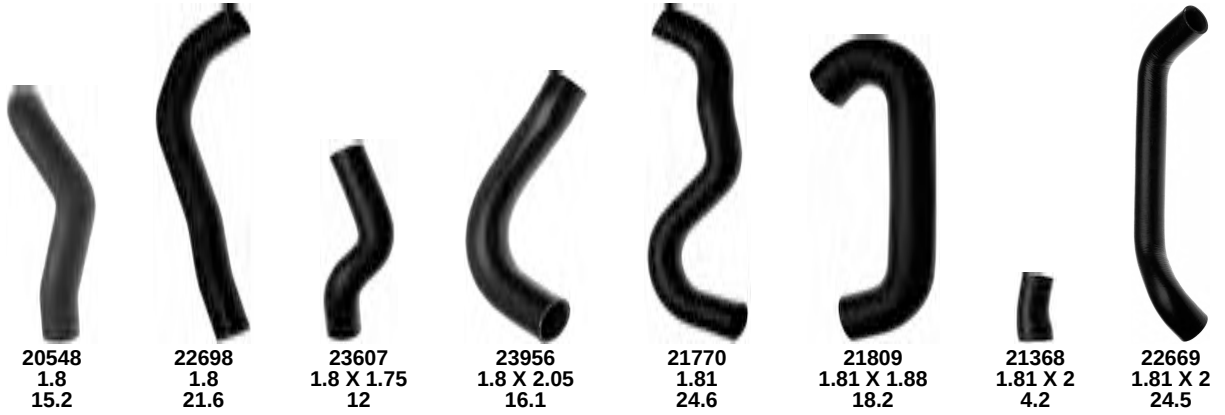


22679  
1.78 X 1.97  
25.401

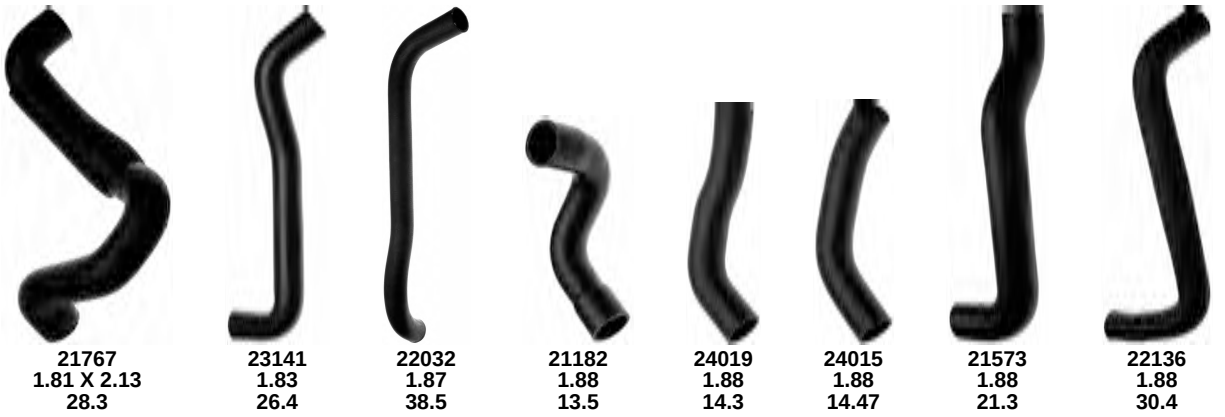
## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

**313**



**314**



**315**



**316**



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

317



23752  
1.93 X 2.125  
33.5



23994  
1.93 X 2.13  
12.6



23995  
1.93 X 2.13  
12.7



23996  
1.93 X 2.13  
13.4



23993  
1.93 X 2.13  
13.5



23987  
1.93 X 2.13  
30



23986  
1.93 X 2.13  
40.7

318



22135  
1.93 X 2.19  
26



22082  
1.93 X 2.24  
18.4



21938  
1.94  
18.2



22067  
1.94  
20.2



22400  
1.94  
20.7



21846  
1.94  
23.5



22033  
1.94  
28.2

319



21961  
1.94  
34.1



22031  
1.94  
35.7



21248  
1.94 X 2  
17.7



21249  
1.94 X 2  
19.6



21245  
1.94 X 2  
24.7



21247  
1.94 X 2  
24.8



22664  
1.949  
37.4

320



22191  
1.95  
18.4



22160  
1.95  
22.4



22161  
1.95  
34.3



22293  
1.95  
39.3



21985  
1.95 X 2.2  
27.8

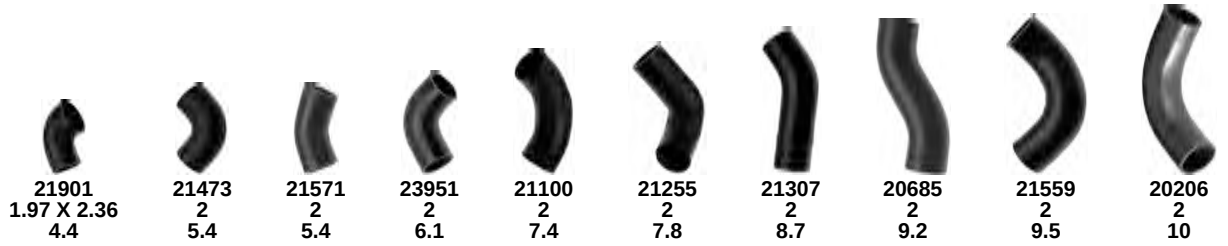


22189  
1.95 X 2.38  
54.1

## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

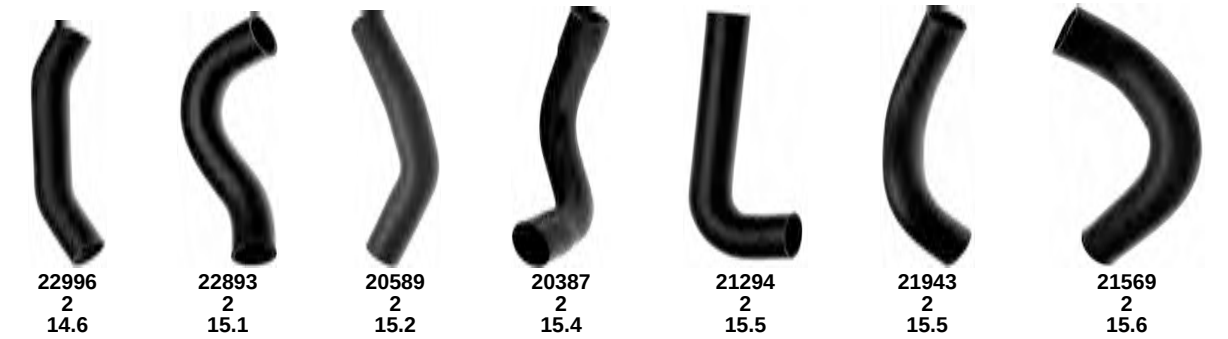
**321**



**322**



**323**



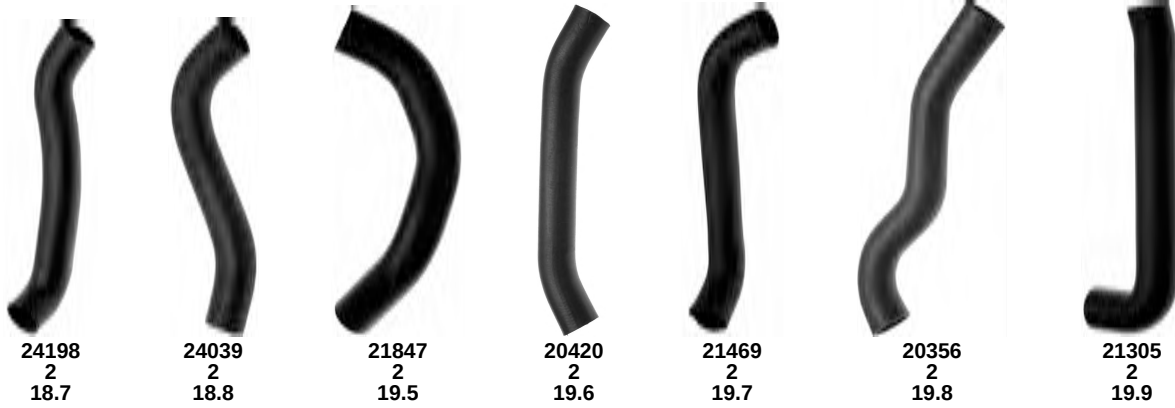
**324**



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

325



326



327



328



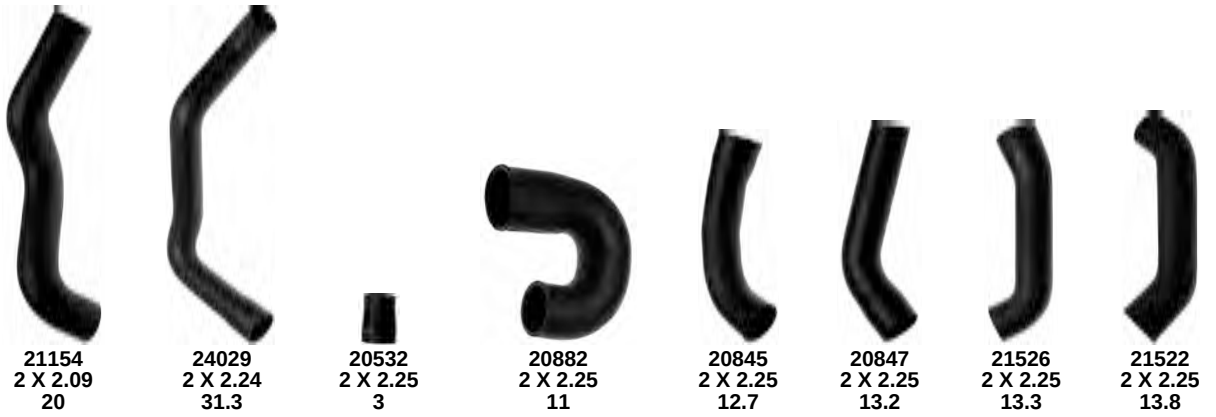
## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

329



330



331



332



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

**333**



**334**



**335**



**336**



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

**337**



**338**



**339**



**340**



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

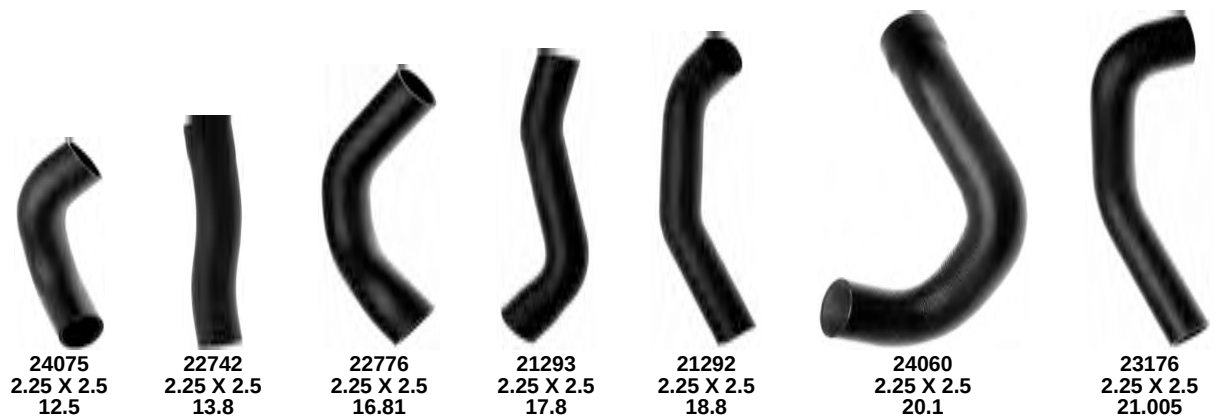
341



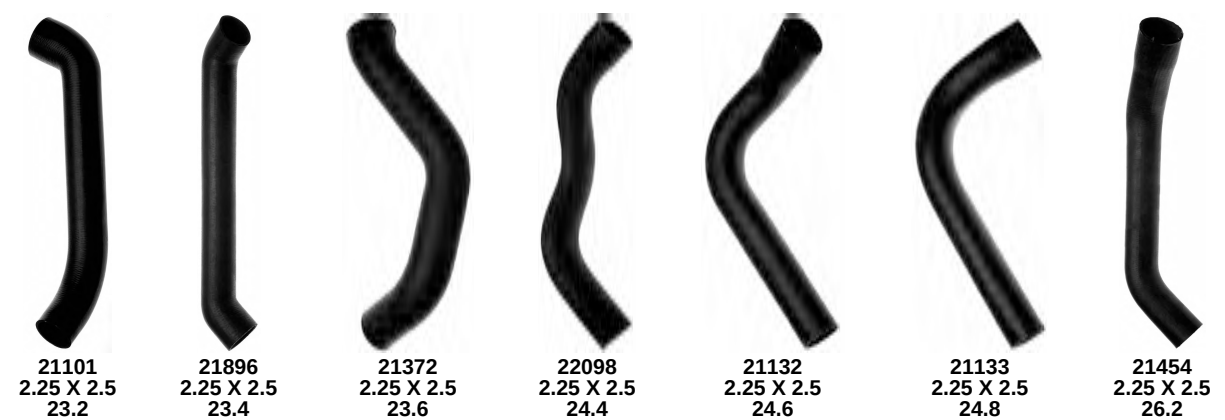
342



343



344



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

**345**



**346**



**347**



**348**



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

349



24005  
2.48  
25.5



24047  
2.5  
7.4



21135  
2.5  
8.5



24045  
2.5  
11.3



20760  
2.5  
12.1



23173  
2.5  
12.4



21891  
2.5  
12.9



20987  
2.5  
13.7

350



24003  
2.5  
15.77



21893  
2.5  
15.8



22707  
2.5  
15.924



22950  
2.5  
16.3



21564  
2.5  
16.4



20970  
2.5  
16.6



21455  
2.5  
16.6

351



20996  
2.5  
16.7



22726  
2.5  
17.4



21241  
2.5  
18



22952  
2.5  
18.9



23014  
2.5  
18.9



21300  
2.5  
20.3



24037  
2.5  
20.9

352



22959  
2.5  
21.2



24041  
2.5  
21.5



24049  
2.5  
21.7



22100  
2.5  
21.9



24031  
2.5  
22



22850  
2.5  
22.6



23013  
2.5  
23.2

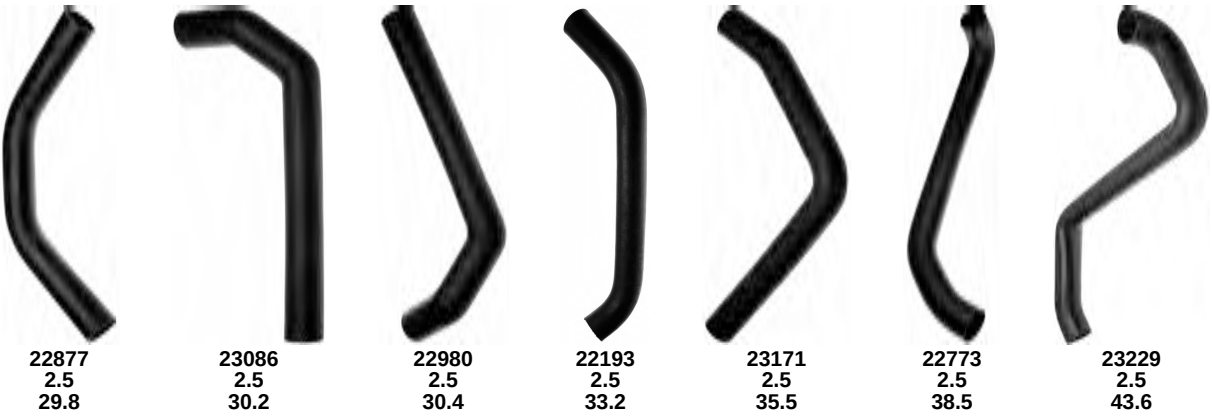
## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

**353**



**354**



**355**



**356**



## Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

357



358



359



360



# Branched Molded Coolant Hose Dimensions

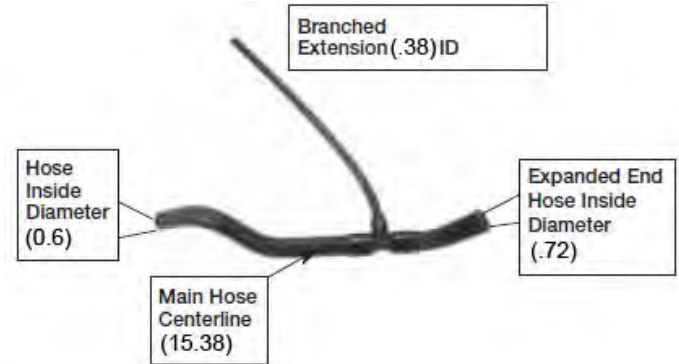
Listed in order of smallest ID (inches) to largest ID. Number below part number is hose ID(s). Number below ID indicates hose centerline length (inches). Multiple ID's are identified by the main hose, then the extension. Should the main hose have an expanded end, the ID's are represented by the following example:

## EXAMPLE:

9031 Part Number

0.6 X 0.72 X 0.38 Inside Diameter

15.38 Centerline length of Main Hose



## Branched Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

**361**

24132  
0.28 X 0.28 X 0.28  
24.25

23133  
0.32 X 0.32 X 0.24  
60.1

23132  
0.32 X 0.32 X 0.32  
60.1

23808  
0.5 X 0.5 X 0.15  
24.25

23356  
0.52 X 0.64  
26.8

**362**

23851  
0.59 X 0.59 X 0.28  
48.3

22468  
0.6 X 0.6 X 0.25  
34.01

22469  
0.6 X 0.6 X 0.25  
34.93

22398  
0.6 X 0.72 X 0.38  
15.38

22399  
0.6 X 0.87 X 0.38  
23.26

22471  
0.6 X 0.91  
57.3

**363**

23655  
0.61  
18.3

22949  
0.61 X 0.61 X 0.245  
13.3

22609  
0.61 X 0.61 X 0.61  
20.2

22110  
0.61 X 0.61 X 0.61  
29.178

22736  
0.615 X 0.615 X 0.25  
13.786

**364**

22737  
0.615 X 0.615 X 0.25  
30.992

23334  
0.62  
18.2

23256  
0.62  
22.3

23654  
0.62 X 0.62 X 0.25  
47.25

23257  
0.62 X 0.62 X 0.62  
22.8

21817  
0.62 X 0.62 X 0.72  
51.63

## Branched Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

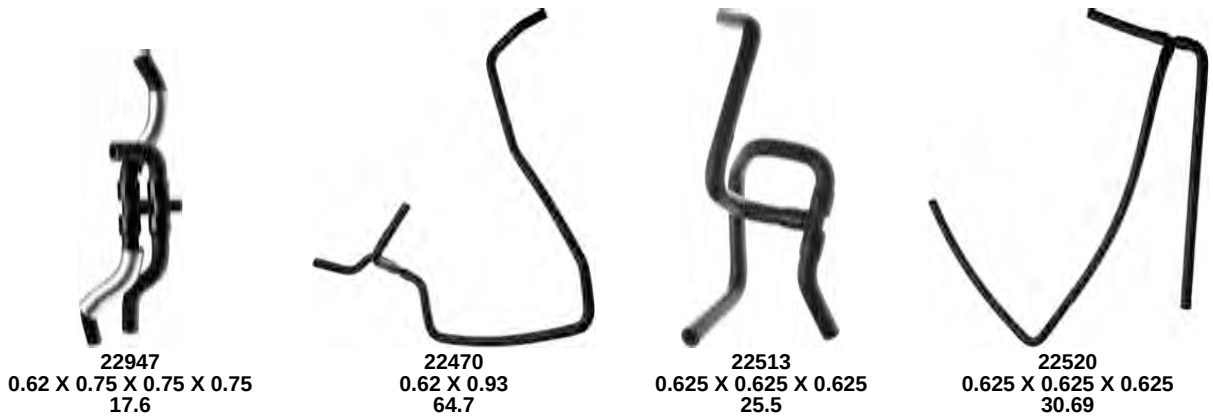
365



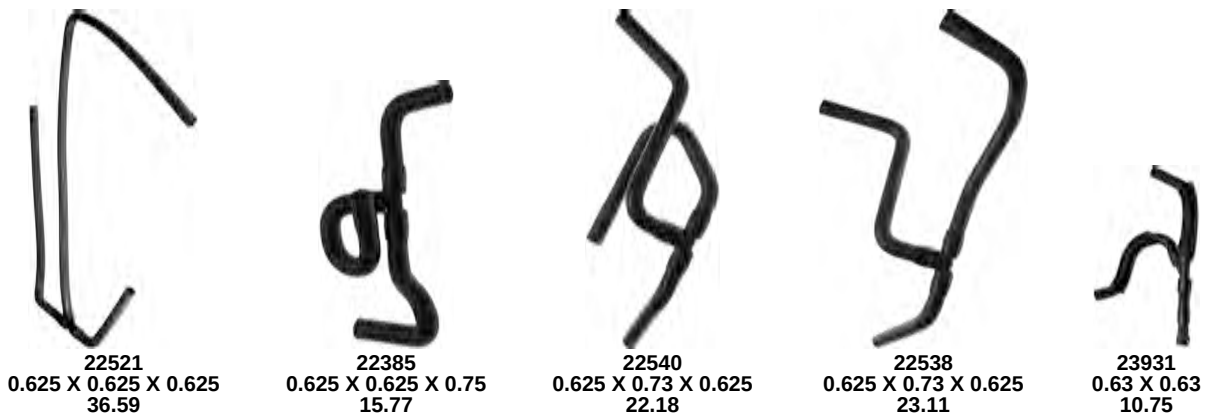
366



367



368



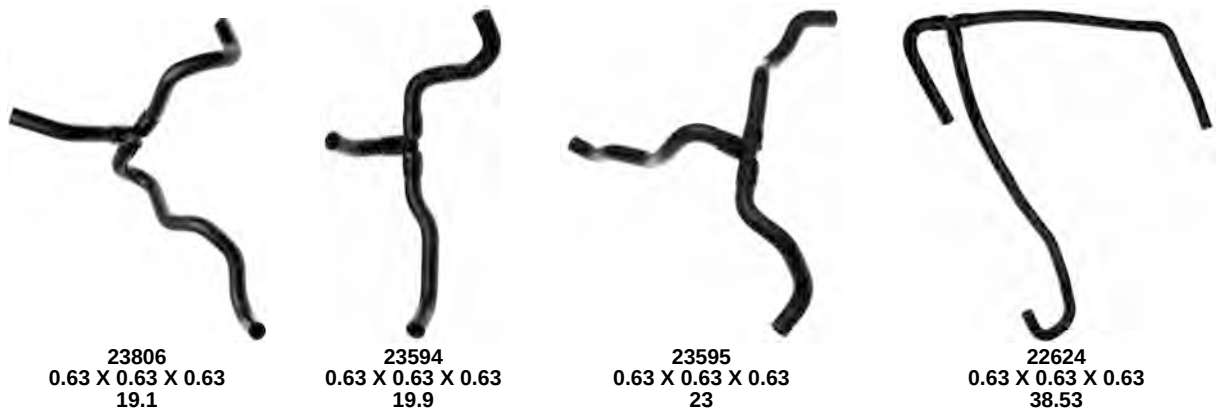
## Branched Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

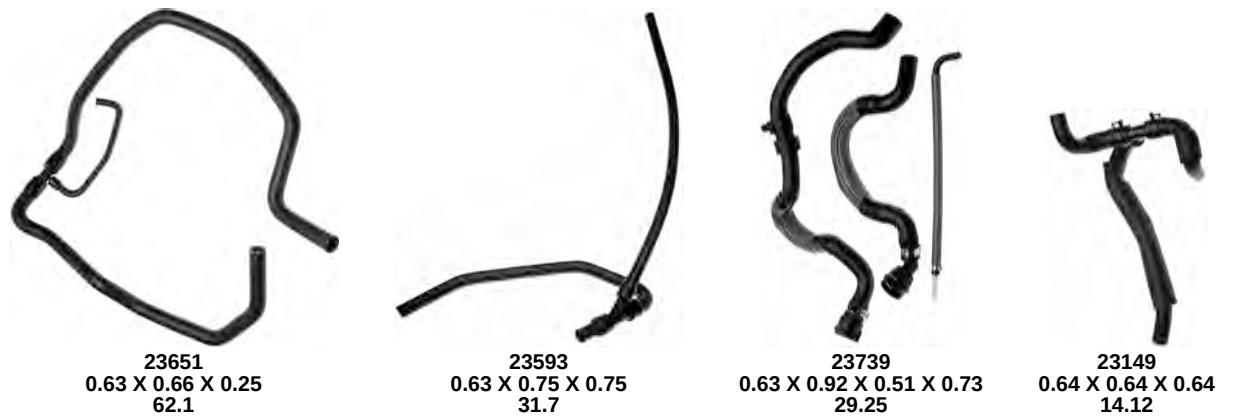
369



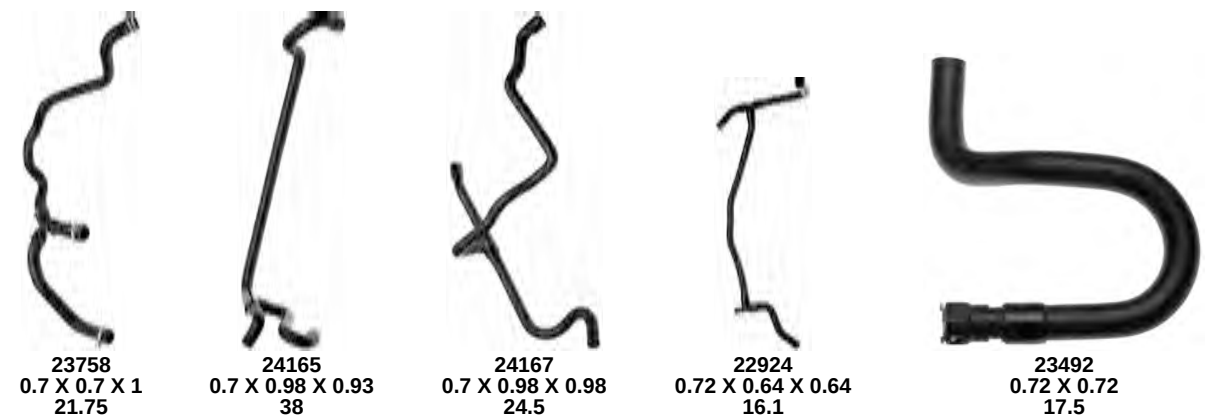
370



371



372



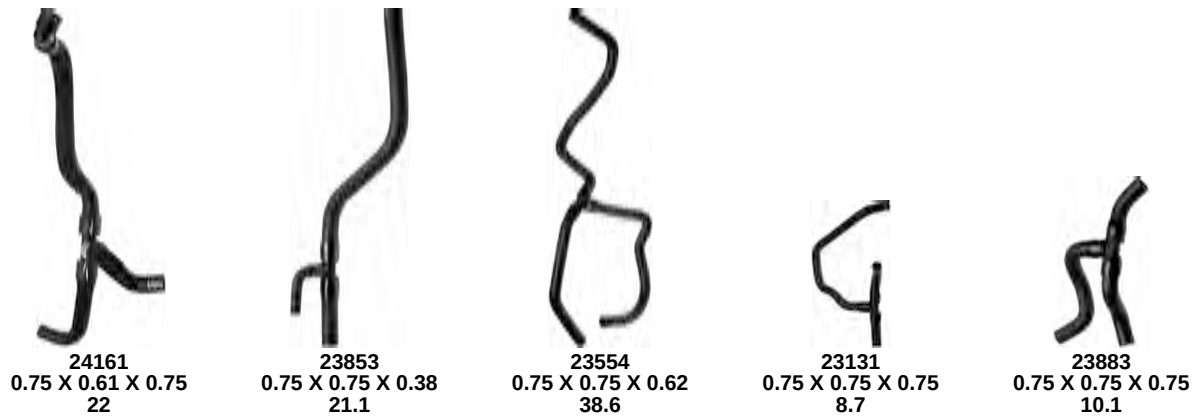
## Branched Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

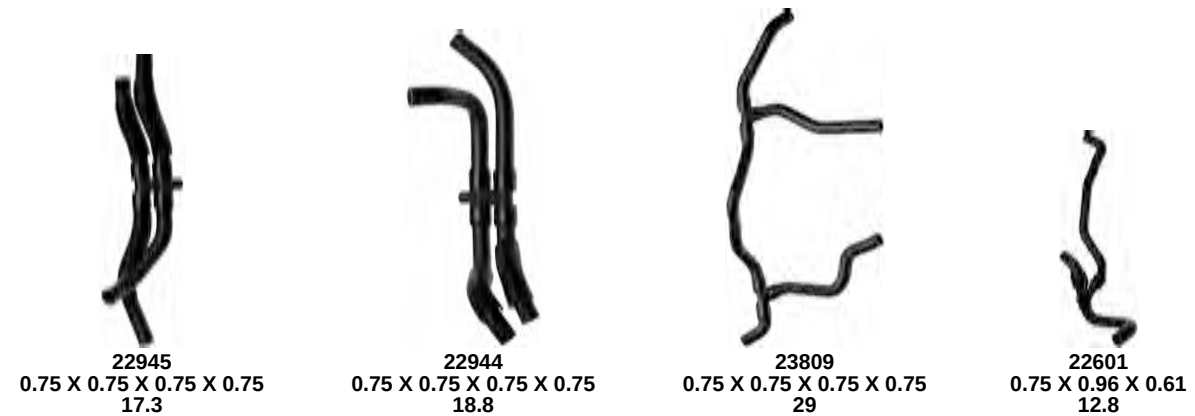
373



374



375



376



## Branched Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

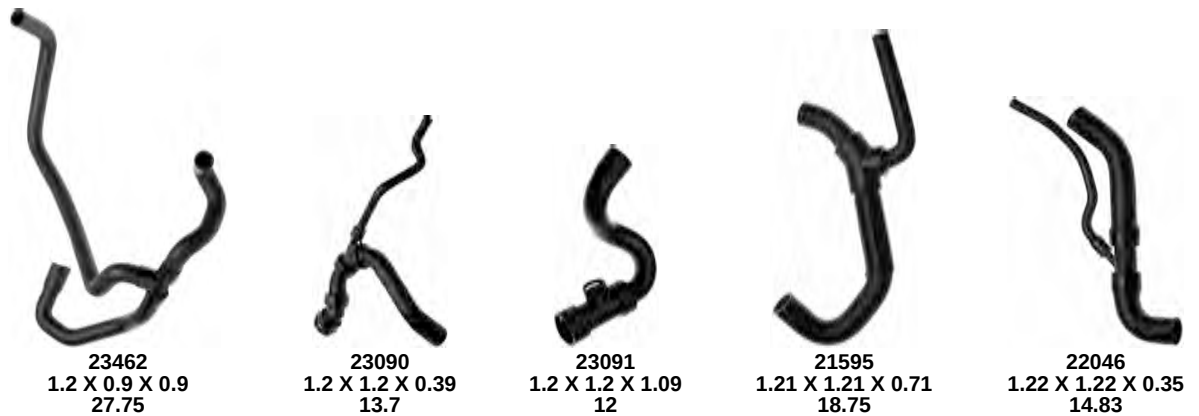
377



378



379



380



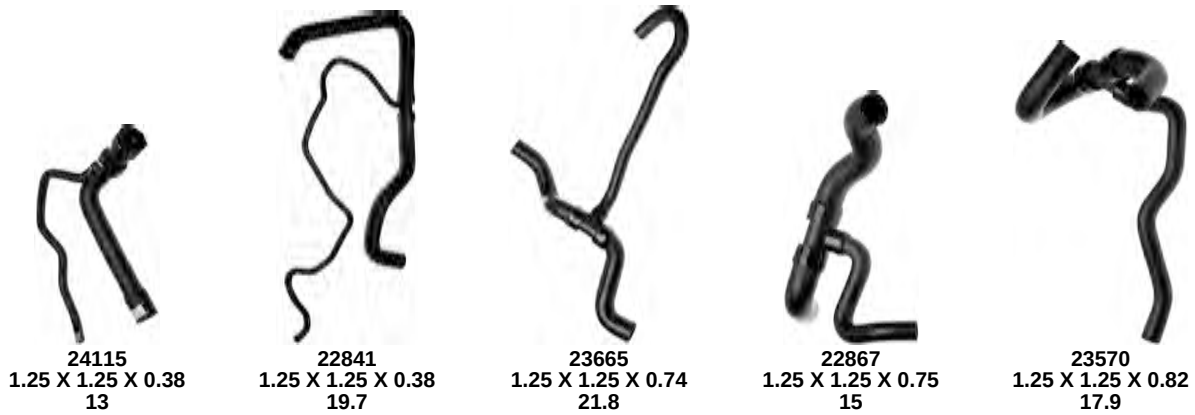
## Branched Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

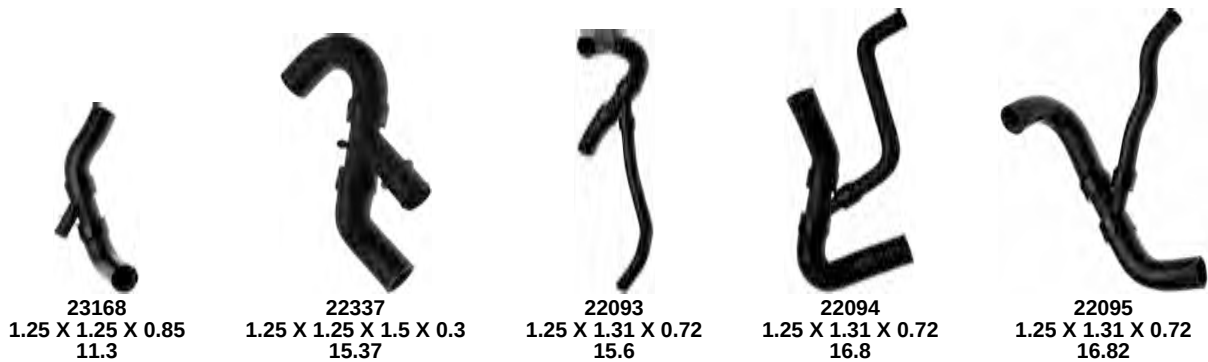
**381**



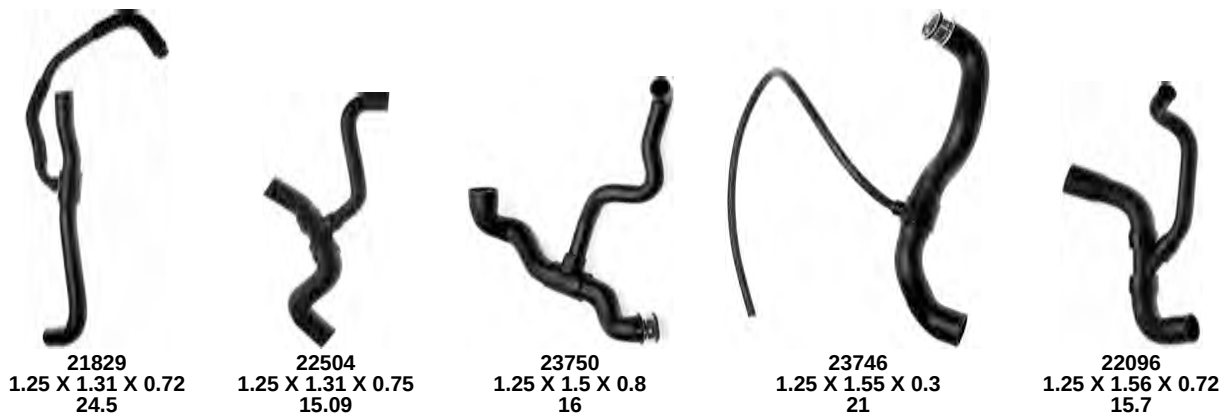
**382**



**383**



**384**



## Branched Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

**385**



22277  
1.25 X 1.87 X 0.91 X 0.64  
37.75



23635  
1.26 X 1.22 X 0.31 X 0.31  
22



23741  
1.26 X 1.26 X 0.25  
27



23742  
1.26 X 1.26 X 0.31 X 0.61  
19.5

**386**



22367  
1.26 X 1.34 X 0.58 X 0.58  
11.61



22178  
1.26 X 1.69 X 0.61 X 0.61  
14.397



22179  
1.26 X 1.69 X 0.61 X 0.61  
14.53



22600  
1.27 X 0.96 X 0.61 X 0.61  
12.5

**387**



22801  
1.27 X 1.33 X 0.82  
15.5



23196  
1.27 X 1.5  
33.8



23581  
1.3 X 1.3 X 0.44  
25.1



23948  
1.3 X 1.3 X 0.59  
17.5



22111  
1.3 X 1.3 X 0.72  
13.872

**388**



22109  
1.3 X 1.3 X 0.72  
18.1



22708  
1.3 X 1.3 X 0.73  
20.6



23301  
1.3 X 1.45 X 0.3  
23.6



23299  
1.3 X 1.45 X 0.3  
24.6



23298  
1.3 X 1.45 X 0.36  
21

## Branched Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

**389**



23582  
1.3 X 1.45 X 0.38  
21.8



23297  
1.31 X 1.31 X 0.38  
20.14



21904  
1.31 X 1.31 X 0.72  
14.5



22065  
1.31 X 1.31 X 0.72  
17.2

**390**



22343  
1.31 X 1.31 X 0.73  
11.34



22148  
1.31 X 1.31 X 0.73  
14.3



22211  
1.31 X 1.31 X 0.74  
15.42



22012  
1.31 X 1.31 X 0.75  
11



22334  
1.31 X 1.31 X 0.75  
13.98

**391**



22333  
1.31 X 1.31 X 0.75  
17.38



22697  
1.31 X 1.31 X 0.75  
18.4



23666  
1.31 X 1.31 X 0.75  
18.5



23129  
1.31 X 1.31 X 0.75  
25.4

**392**



23494  
1.31 X 1.31 X 0.75  
49.3



23502  
1.31 X 1.31 X 0.75  
50.7



23503  
1.31 X 1.31 X 0.75 X 0.75  
31.2

## Branched Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

393



22527  
1.31 X 1.31 X 0.76  
27.75



23355  
1.31 X 1.31 X 0.87  
30.2



21785  
1.31 X 1.5 X 0.75  
11.13



21795  
1.31 X 1.56 X 0.69  
17.5

394



23769  
1.33 X 1.33 X 0.73  
31



23190  
1.35  
36.1



23578  
1.35  
43.8



23440  
1.35 X 1.35  
14.8



23579  
1.35 X 1.35  
39.1

395



23193  
1.35 X 1.35 X 0.48  
35.9



23192  
1.35 X 1.35 X 0.6  
35



24159  
1.36 X 0.62  
19.125



23180  
1.36 X 1.35 X 0.61 X 0.61  
10.3



24116  
1.43 X 1.43 X 0.3  
18

396



22388  
1.44 X 1.62 X 0.94  
40



22840  
1.45 X 1.45 X 0.61 X 0.61  
28



22839  
1.45 X 1.45 X 0.62 X 0.62  
12.4



22562  
1.45 X 1.45 X 0.73  
15.49

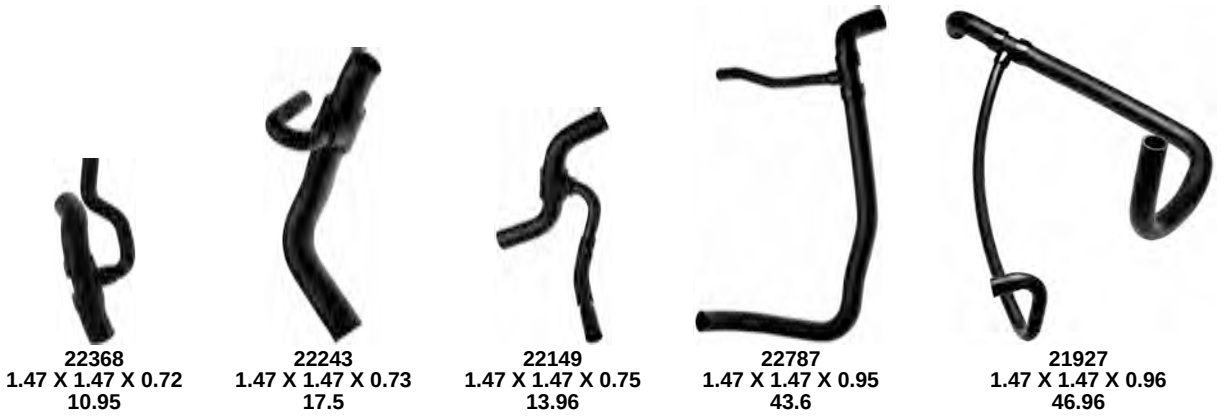
## Branched Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

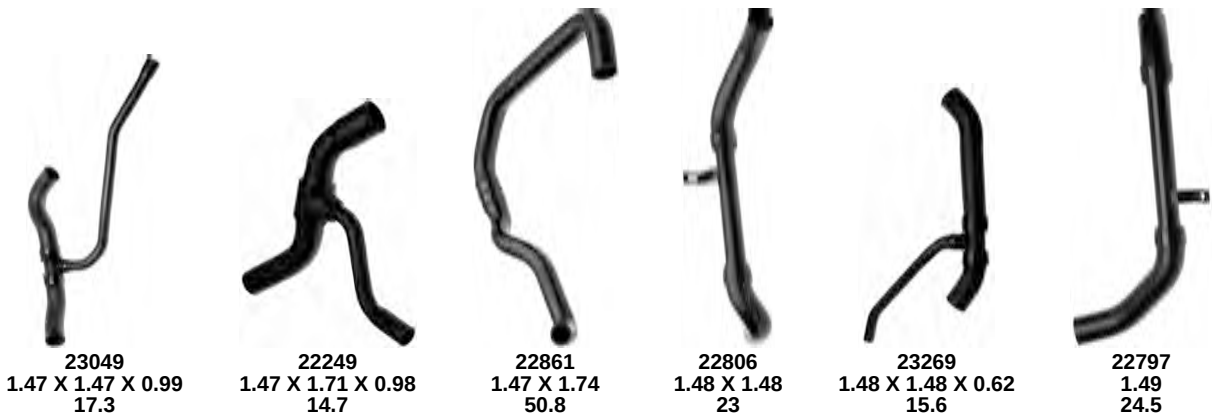
397



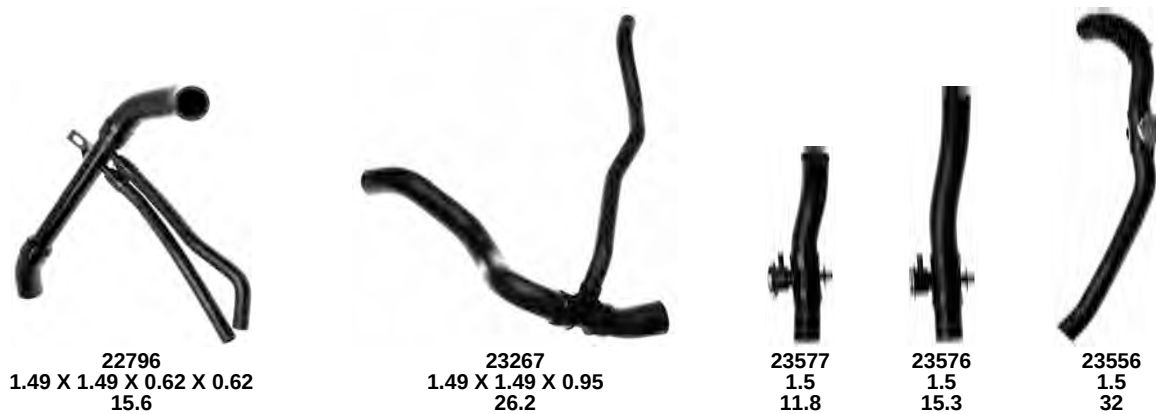
398



399



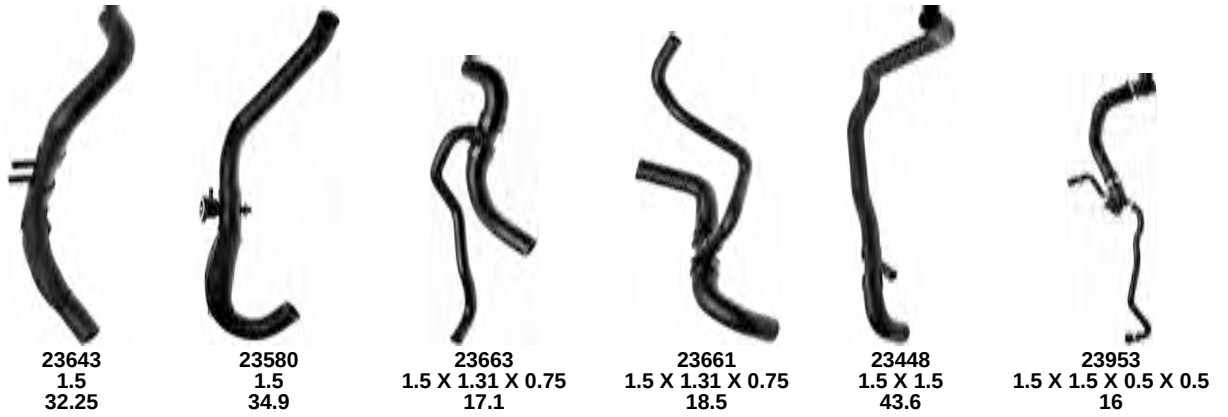
400



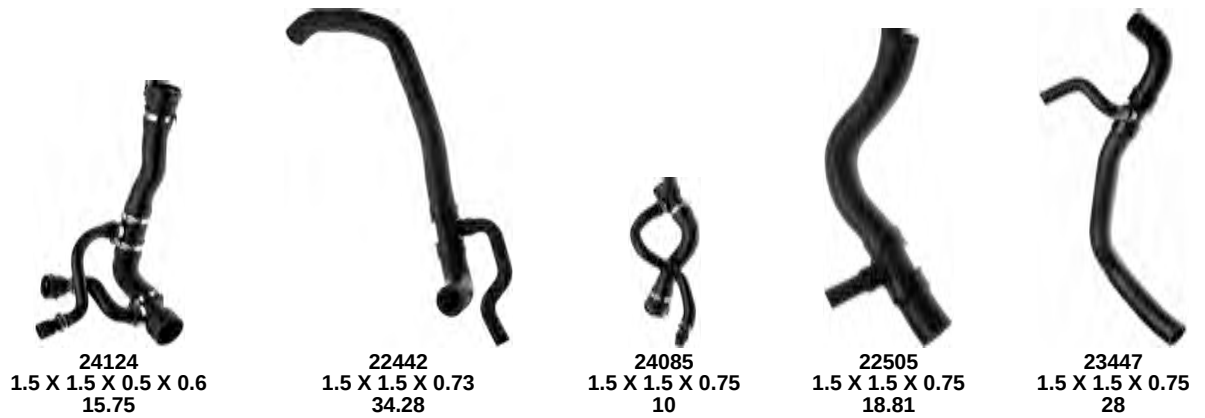
## Branched Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

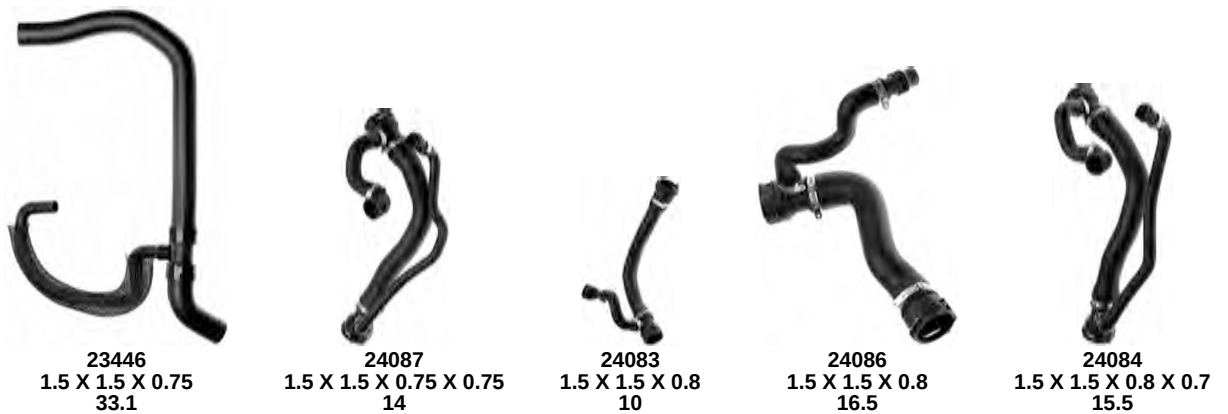
401



402



403



404



## Branched Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

405



23128  
1.5 X 1.76  
33.1



23089  
1.51 X 1.23 X 0.3  
20.5



23259  
1.51 X 1.89 X 0.75  
47.61



22438  
1.52 X 1.77 X 1  
24.43

406



23195  
1.53 X 1.53 X 0.37  
19.62



23894  
1.53 X 1.53 X 0.75  
15.5



24082  
1.54 X 1.54 X 0.75 X 0.537  
12.79



23884  
1.546 X 1.546 X 0.472  
11.5



23127  
1.55  
21.75

407



23755  
1.55 X 1.93  
22



23426  
1.6 X 1.45 X 0.55  
14



22401  
1.7 X 0.625 X 0.625 X 1.75  
3.75



22402  
1.7 X 0.625 X 0.625 X 1.75  
4.13

408



23667  
1.72 X 1.72 X 0.73 X 0.73  
31.7



22430  
1.72 X 1.72 X 0.73 X 0.73  
39.5



23266  
1.72 X 1.72 X 0.76 X 0.76  
35

## Branched Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

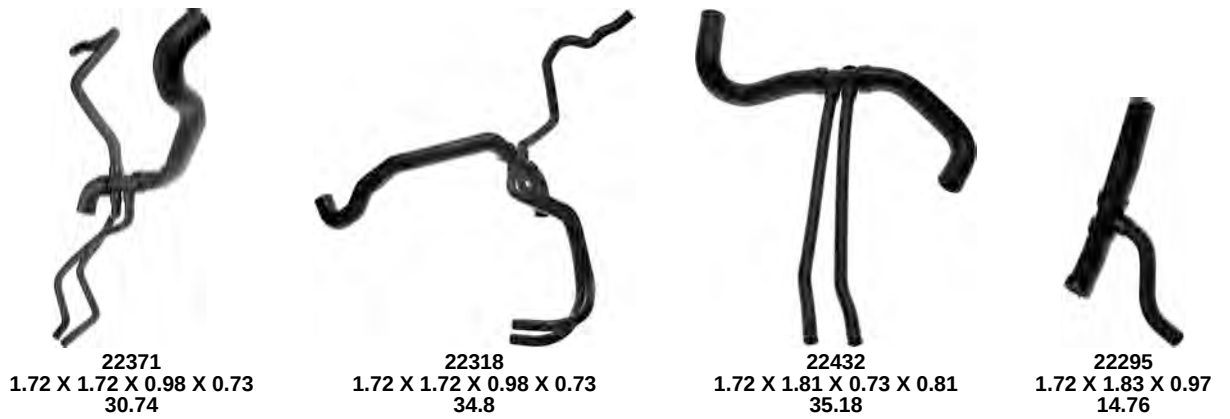
**409**



**410**



**411**



**412**



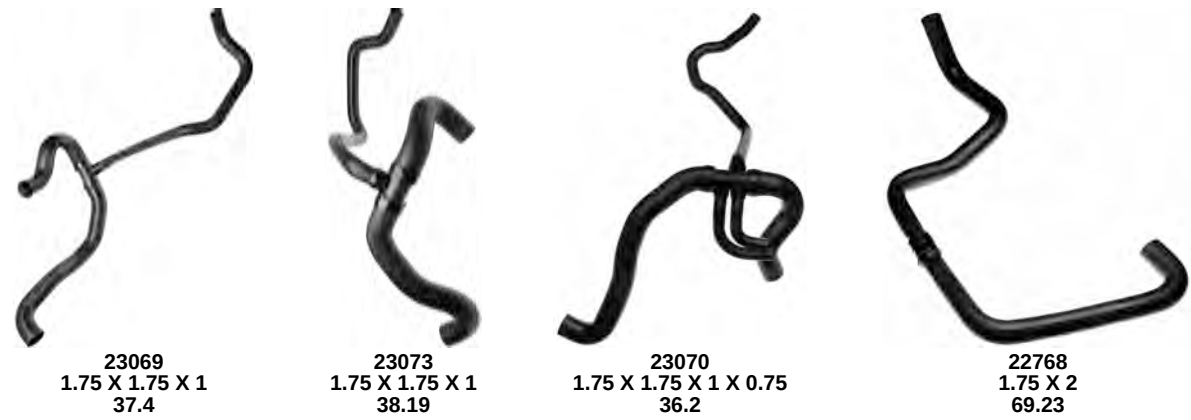
## Branched Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

413



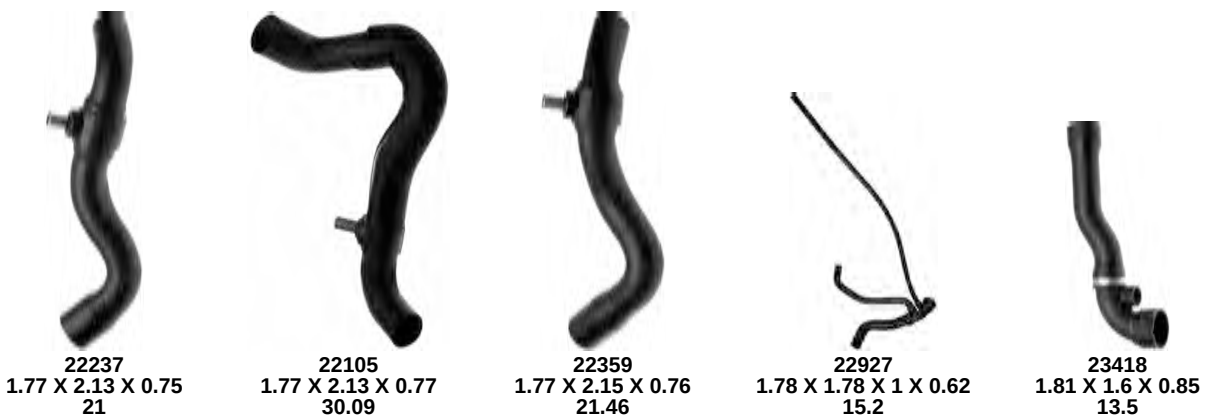
414



415



416



## Branched Molded Coolant Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

**417**



**418**



[illegible]

# Heater Hose Dimensions

Listed in order of smallest ID (inches) to largest ID. Number below part number is hose ID.  
Number below ID indicates hose center line length (inches).

## EXAMPLE:

10623 Part Number  
0.25 Inside Diameter  
4.8 Centerline Length

Hose Inside  
Diameter 0.25



Centerline  
Length 4.8

## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

419

18125  
0.23  
4.2

18126  
0.23 X 0.3  
35.8

18127  
0.24 X 0.35  
19.7

18128  
0.24 X 0.37  
14.6

18623  
0.25  
4.8

18131  
0.25  
6.5

18364  
0.25  
6.5

18103  
0.25  
7.9

18132  
0.25  
8

420

18120  
0.25  
8.4

18122  
0.25  
8.9

18010  
0.25  
9.6

18121  
0.25  
11

18136  
0.25  
13.1

18133  
0.25  
13.9

18119  
0.25  
14.5

18011  
0.25  
15.6

18134  
0.25  
20.1

18341  
0.25 X 0.3  
17.3

421

18138  
0.25 X 0.31  
26.2

18130  
0.25 X 0.31  
31

18129  
0.25 X 0.31  
32.9

18135  
0.25 X 0.38  
34.2

18337  
0.26  
6.5

18335  
0.26  
7.6

18638  
0.26 X 0.31  
23.67

18124  
0.27  
5.7

422

18371  
0.27  
13

18297  
0.27 X 0.38  
39.4

18123  
0.28  
3.3

18182  
0.28  
3.8

18191  
0.28  
4.5

18181  
0.28  
4.7

18176  
0.28  
5

18192  
0.28  
5.6

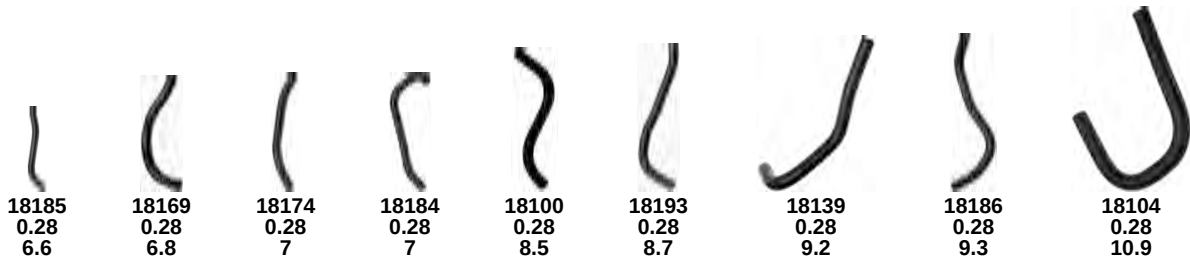
18099  
0.28  
5.7

18201  
0.28  
6.5

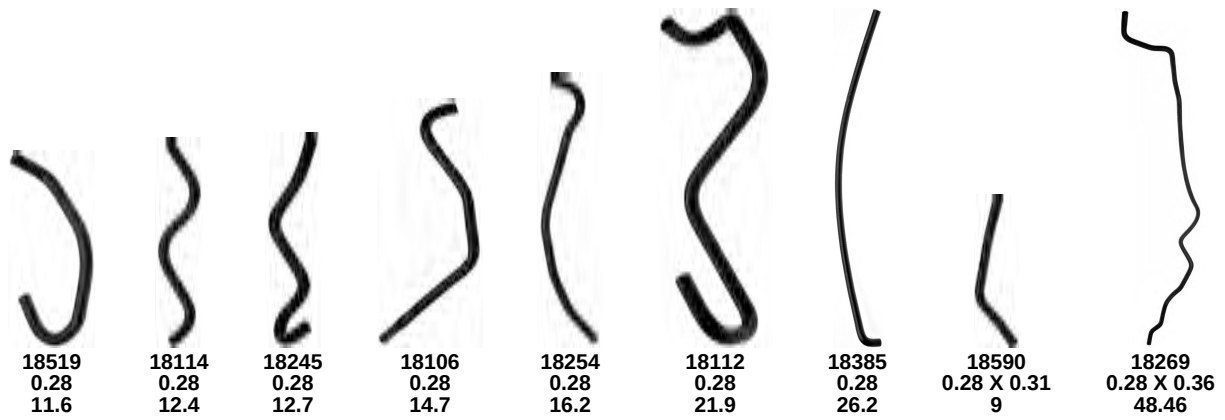
## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

423



424



425



426



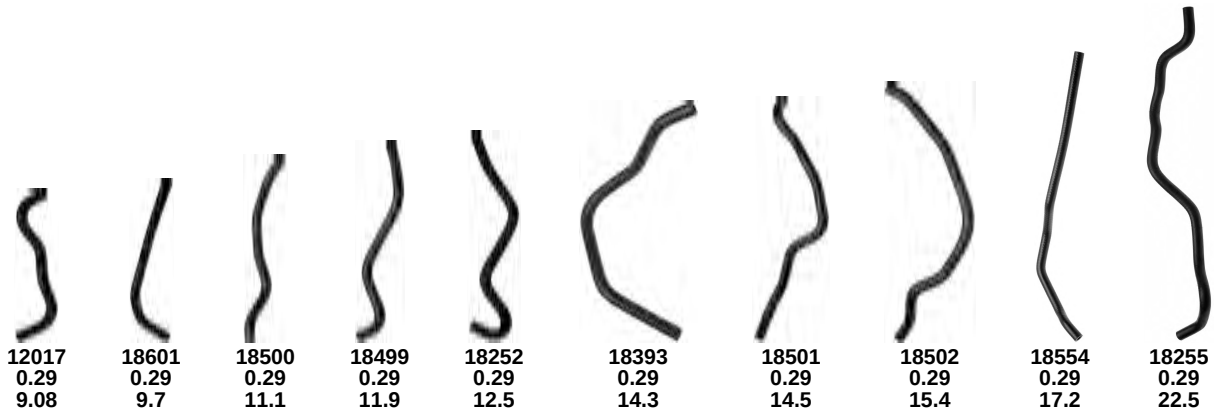
## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

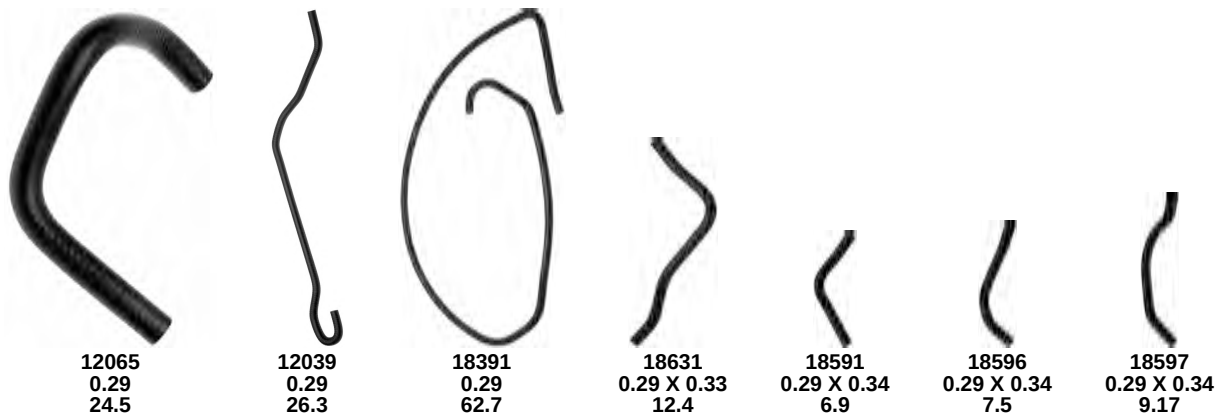
427



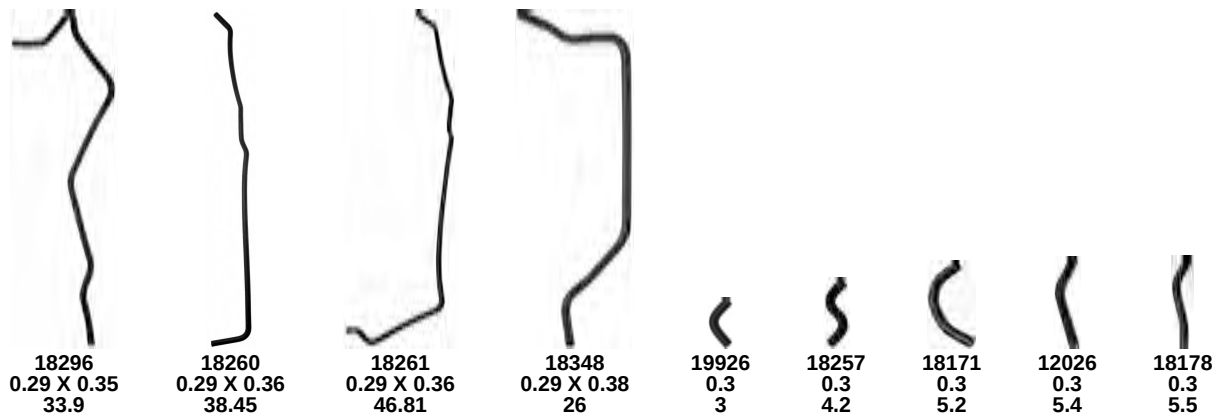
428



429



430



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

431

|                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |  |  |
| 18696                                                                             | 18097                                                                             | 18620                                                                             | 18630                                                                             | 18361                                                                             | 18140                                                                             | 18265                                                                             | 18258                                                                               | 18098                                                                               | 18349                                                                               |
| 0.3                                                                               | 0.3                                                                               | 0.3                                                                               | 0.3                                                                               | 0.3                                                                               | 0.3                                                                               | 0.3                                                                               | 0.3                                                                                 | 0.3                                                                                 | 0.3                                                                                 |
| 7.13                                                                              | 7.7                                                                               | 8.32                                                                              | 8.7                                                                               | 8.9                                                                               | 9                                                                                 | 9.4                                                                               | 11                                                                                  | 11.5                                                                                | 12.1                                                                                |

432

|                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |  |
| 18274                                                                             | 19944                                                                             | 18272                                                                             | 18264                                                                             | 18273                                                                             | 18271                                                                             | 19936                                                                              | 18094                                                                               | 18629                                                                               |
| 0.3                                                                               | 0.3                                                                               | 0.3                                                                               | 0.3                                                                               | 0.3                                                                               | 0.3                                                                               | 0.3                                                                                | 0.3                                                                                 | 0.3 X 0.33                                                                          |
| 12.3                                                                              | 13.14                                                                             | 15.9                                                                              | 18.6                                                                              | 22.2                                                                              | 24.6                                                                              | 24.75                                                                              | 34.8                                                                                | 5.1                                                                                 |

433

|                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |
| 18628                                                                               | 18293                                                                               | 18294                                                                               | 18295                                                                               | 18278                                                                                | 18298                                                                                 | 18333                                                                                 |
| 0.3 X 0.33                                                                          | 0.3 X 0.33                                                                          | 0.3 X 0.33                                                                          | 0.3 X 0.34                                                                          | 0.3 X 0.36                                                                           | 0.3 X 0.38                                                                            | 0.3 X 0.38                                                                            |
| 7.4                                                                                 | 15.4                                                                                | 35                                                                                  | 35.5                                                                                | 16                                                                                   | 21.3                                                                                  | 27.3                                                                                  |

434

|                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |  |  |
| 18259                                                                               | 18256                                                                               | 18217                                                                               | 18224                                                                               | 18338                                                                               | 18266                                                                               | 18263                                                                                 | 18239                                                                                 | 18332                                                                                 | 18576                                                                                 |
| 0.3 X 0.41                                                                          | 0.3 X 0.46                                                                          | 0.3 X 0.5                                                                           | 0.31                                                                                | 0.31                                                                                | 0.31                                                                                | 0.31                                                                                  | 0.31                                                                                  | 0.31                                                                                  | 0.31                                                                                  |
| 7.8                                                                                 | 29.4                                                                                | 8.6                                                                                 | 4.5                                                                                 | 4.8                                                                                 | 5.8                                                                                 | 6                                                                                     | 6.6                                                                                   | 6.6                                                                                   | 6.9                                                                                   |

## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

**435**

|                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |  |  |
| 18666                                                                             | 12054                                                                             | 18200                                                                             | 18219                                                                             | 18240                                                                             | 18573                                                                             | 18678                                                                               | 18238                                                                               | 18244                                                                               | 18522                                                                               |
| 0.31                                                                              | 0.31                                                                              | 0.31                                                                              | 0.31                                                                              | 0.31                                                                              | 0.31                                                                              | 0.31                                                                                | 0.31                                                                                | 0.31                                                                                | 0.31                                                                                |
| 6.9                                                                               | 7.1                                                                               | 7.1                                                                               | 7.5                                                                               | 7.5                                                                               | 7.5                                                                               | 7.58                                                                                | 7.6                                                                                 | 7.7                                                                                 | 8                                                                                   |

**436**

|                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |  |
| 18669                                                                             | 18664                                                                             | 18229                                                                             | 18202                                                                             | 18262                                                                             | 18680                                                                               | 18277                                                                               | 18198                                                                               | 18020                                                                               |
| 0.31                                                                              | 0.31                                                                              | 0.31                                                                              | 0.31                                                                              | 0.31                                                                              | 0.31                                                                                | 0.31                                                                                | 0.31                                                                                | 0.31                                                                                |
| 8.49                                                                              | 8.5                                                                               | 8.6                                                                               | 8.8                                                                               | 8.9                                                                               | 9.28                                                                                | 9.3                                                                                 | 9.4                                                                                 | 9.6                                                                                 |

**437**

|                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |  |  |
| 18199                                                                               | 18223                                                                               | 18674                                                                               | 18572                                                                               | 12063                                                                               | 18207                                                                                | 18241                                                                                 | 18663                                                                                 | 18232                                                                                 | 18671                                                                                 |
| 0.31                                                                                | 0.31                                                                                | 0.31                                                                                | 0.31                                                                                | 0.31                                                                                | 0.31                                                                                 | 0.31                                                                                  | 0.31                                                                                  | 0.31                                                                                  | 0.31                                                                                  |
| 9.6                                                                                 | 9.6                                                                                 | 9.6                                                                                 | 9.7                                                                                 | 9.8                                                                                 | 9.8                                                                                  | 9.8                                                                                   | 10                                                                                    | 10.1                                                                                  | 10.21                                                                                 |

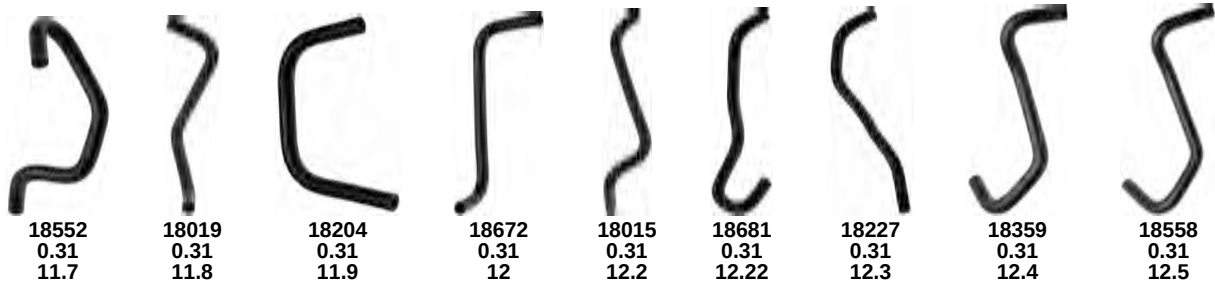
**438**

|                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |  |
| 18553                                                                               | 18206                                                                               | 18682                                                                               | 18226                                                                               | 18205                                                                                | 18667                                                                                 | 18677                                                                                 | 18228                                                                                 | 18222                                                                                 |
| 0.31                                                                                | 0.31                                                                                | 0.31                                                                                | 0.31                                                                                | 0.31                                                                                 | 0.31                                                                                  | 0.31                                                                                  | 0.31                                                                                  | 0.31                                                                                  |
| 10.5                                                                                | 10.7                                                                                | 10.7                                                                                | 10.8                                                                                | 10.9                                                                                 | 10.9                                                                                  | 11                                                                                    | 11.4                                                                                  | 11.6                                                                                  |

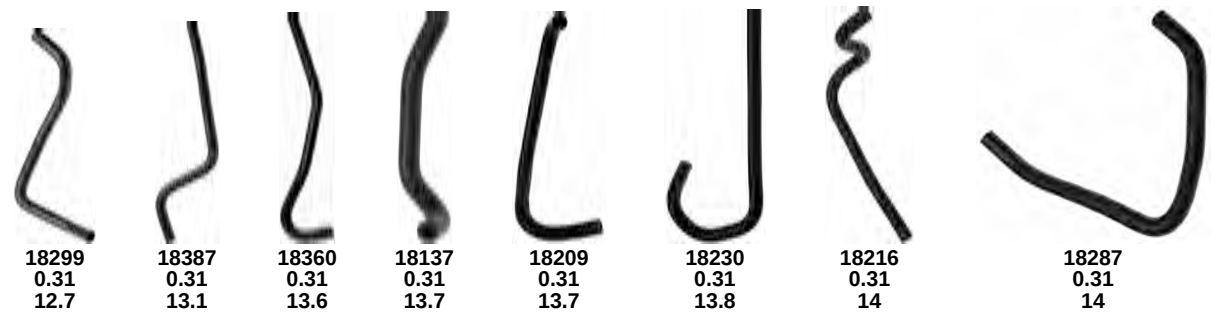
## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

439



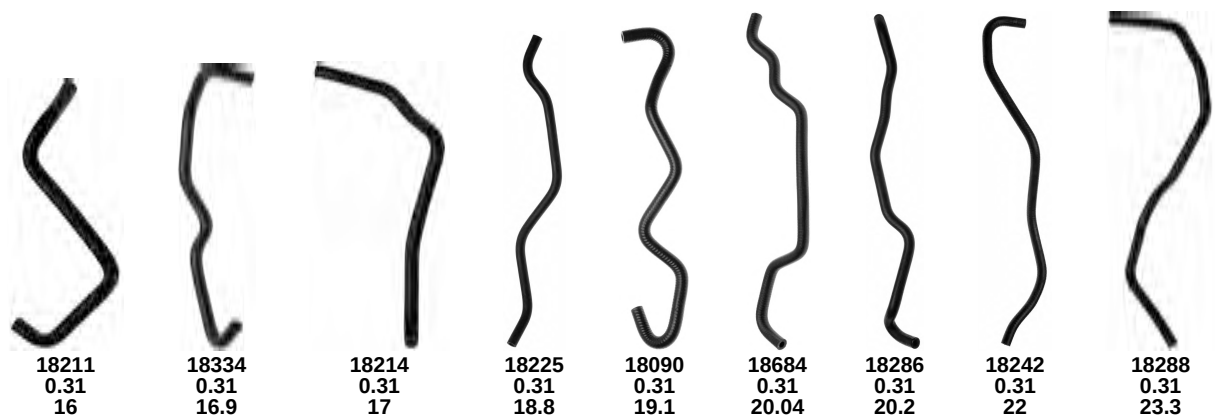
440



441



442



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

443



18687  
0.31  
24.38



19974  
0.31  
25



18695  
0.31  
25.2



18686  
0.31  
25.9



18685  
0.31  
26



18688  
0.31  
28.91

444



18243  
0.31  
29.1



18285  
0.31  
31.4



18340  
0.31  
32.8



18689  
0.31  
37.85



18694  
0.31 X 0.34  
15.43



18691  
0.31 X 0.35  
14.61

445



18033  
0.31 X 0.47  
29.102



18384  
0.32  
10.7



18290  
0.32  
12.4



18376  
0.32  
12.7



18291  
0.32  
13.1



18383  
0.32  
13.3



18375  
0.32  
13.9



18283  
0.32  
16.3

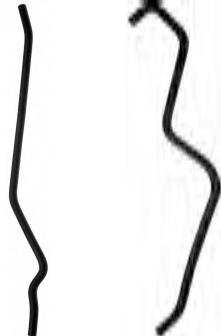
446



18246  
0.32  
19.6



18089  
0.32  
19.7



18292  
0.32  
23.3



18284  
0.32  
23.6



18268  
0.32  
34



18280  
0.32  
40.2



18282  
0.32 X 0.37  
29.1

## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

447



448



449



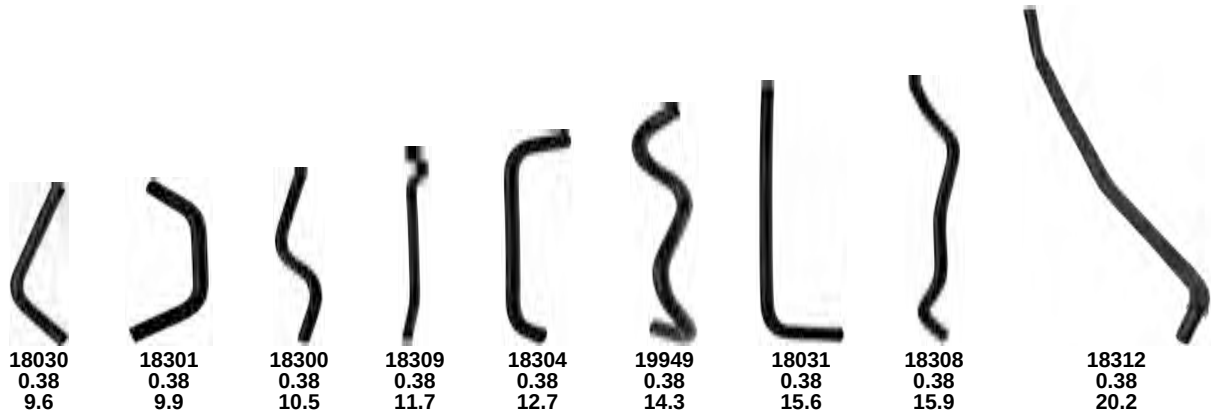
450



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

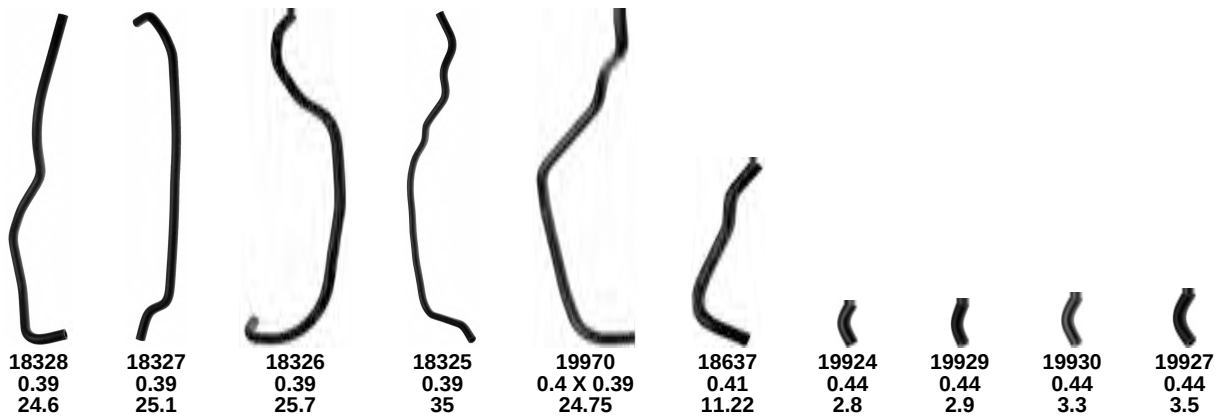
451



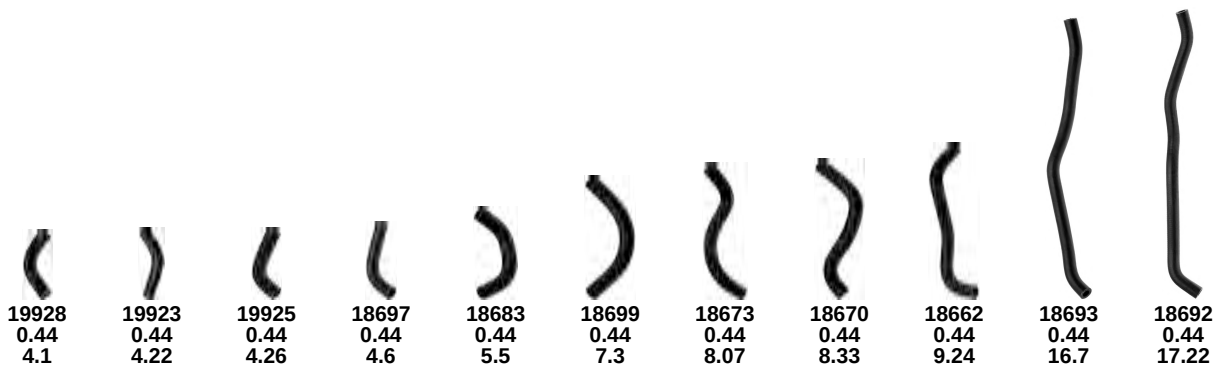
452



453



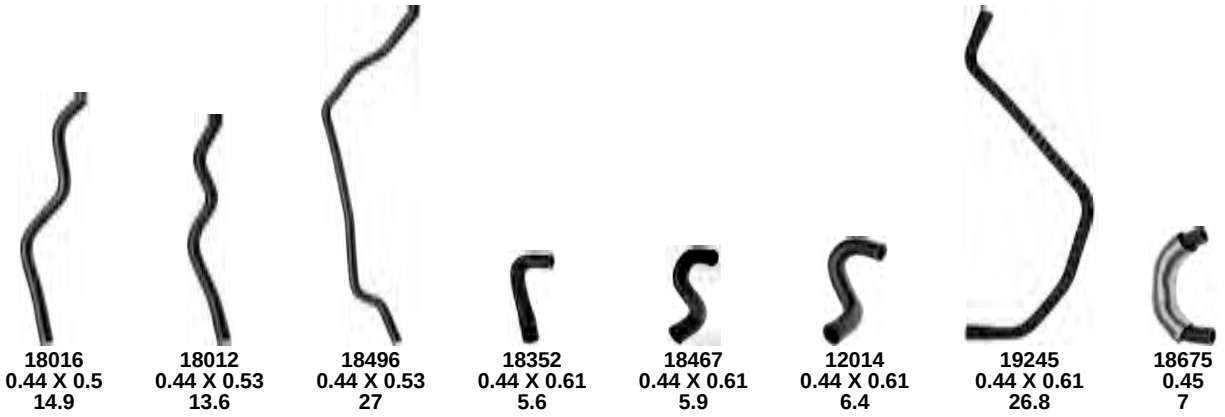
454



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

455



456



457



458



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

459



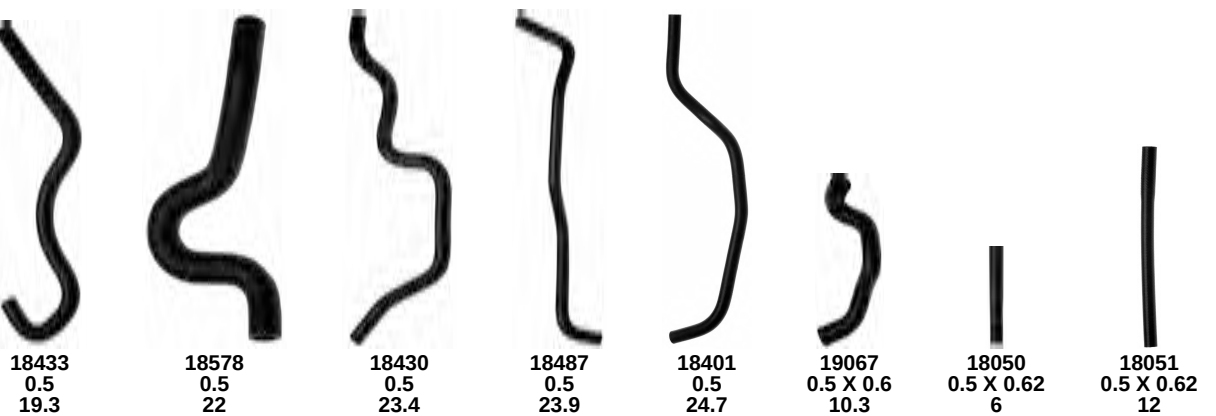
460



461



462



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

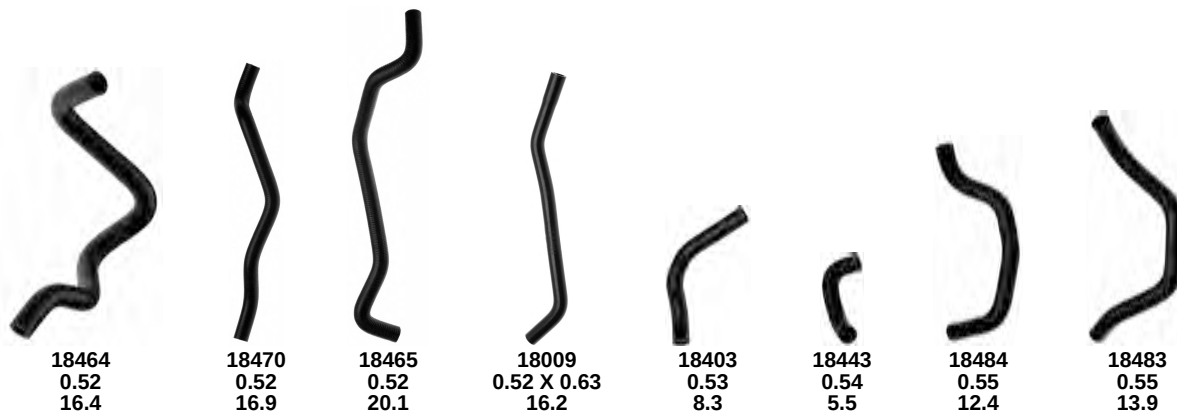
463



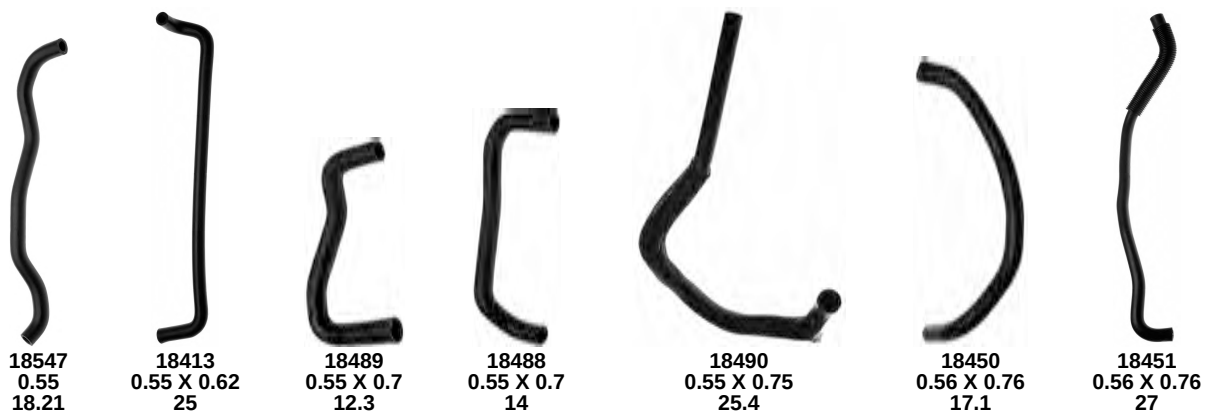
464



465



466



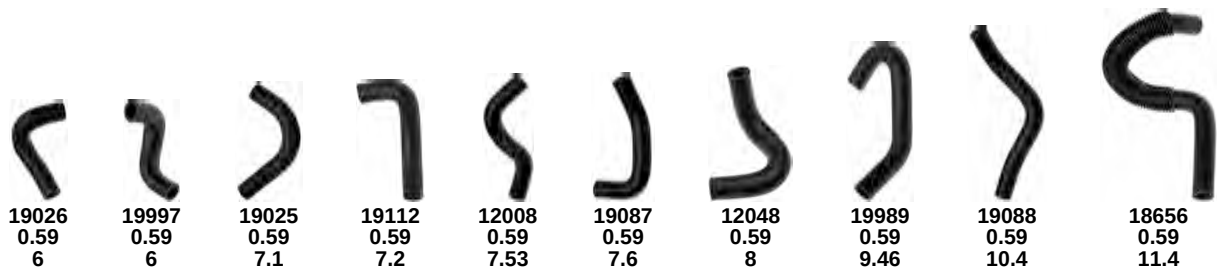
## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

467



468



469



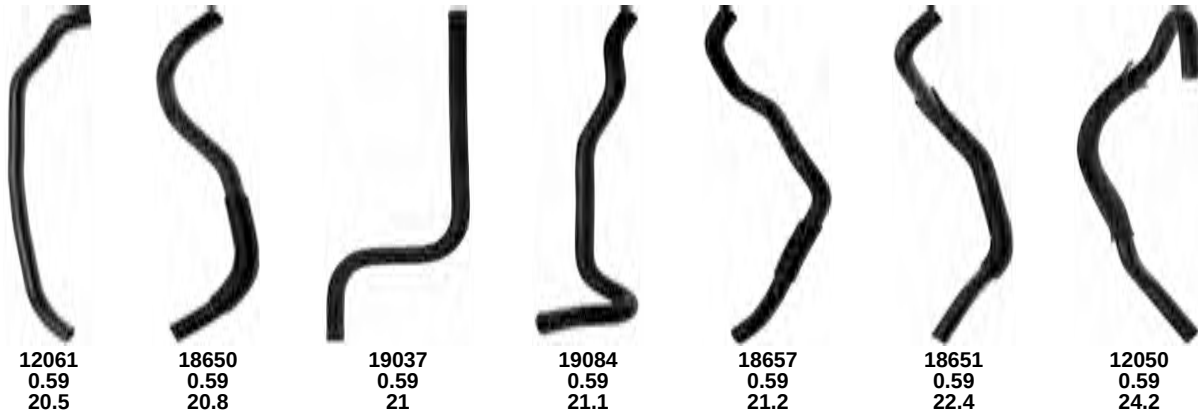
470



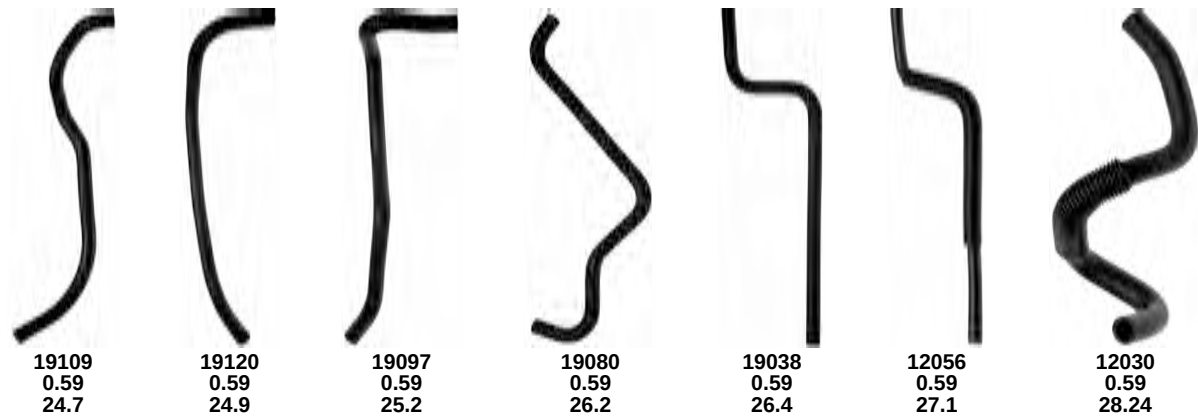
## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

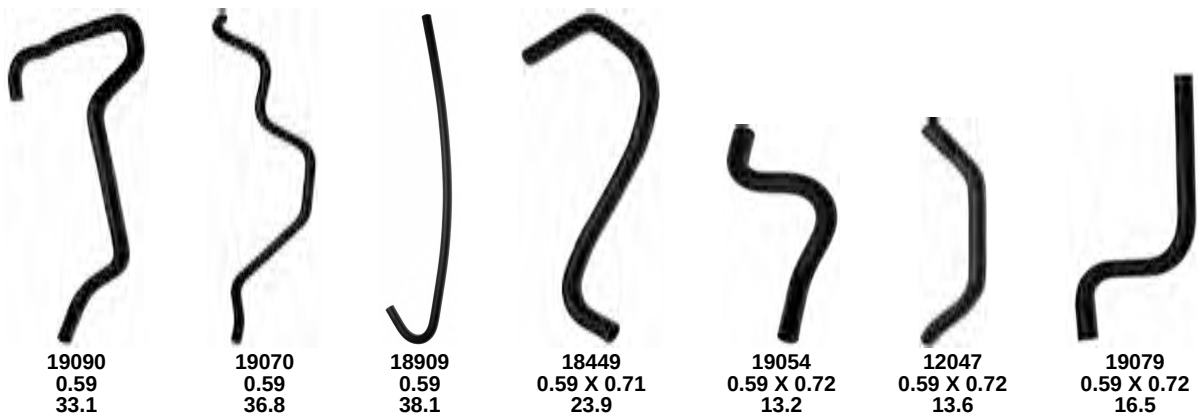
471



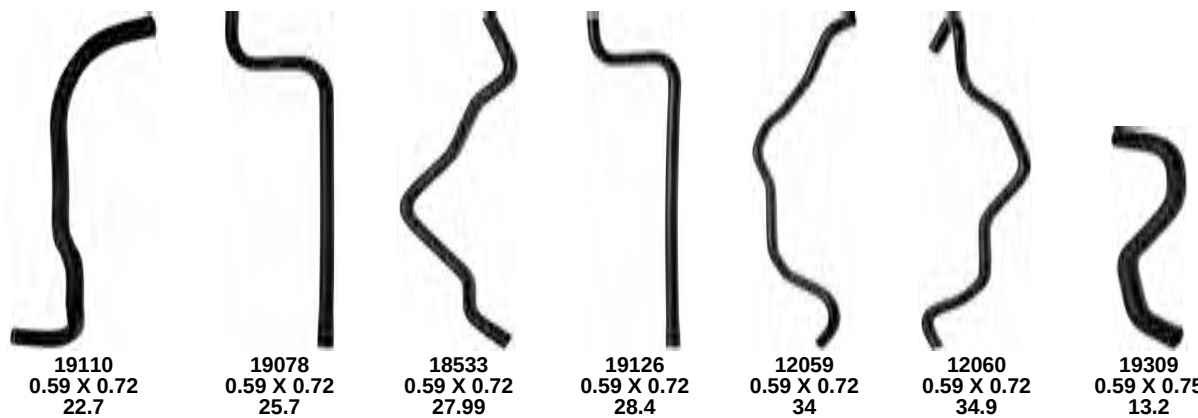
472



473



474



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

475



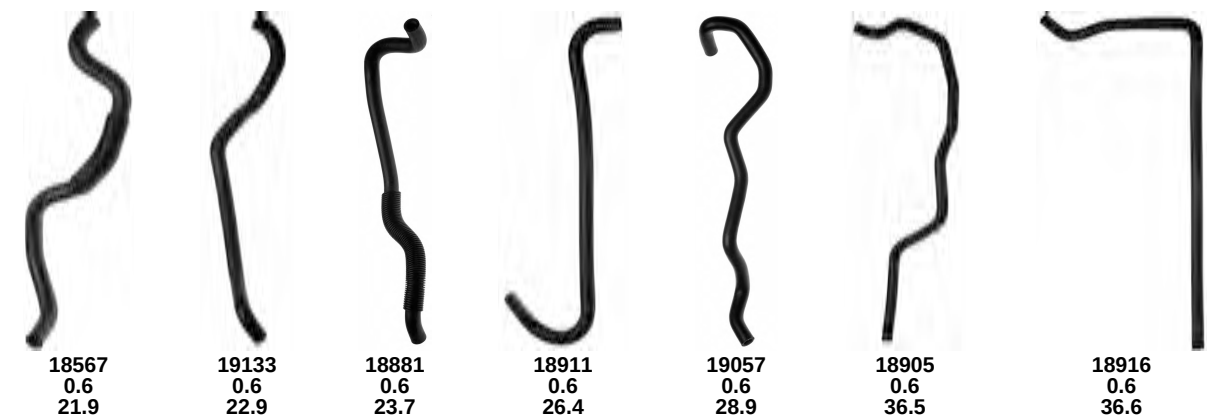
476



477



478



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

479



480



481



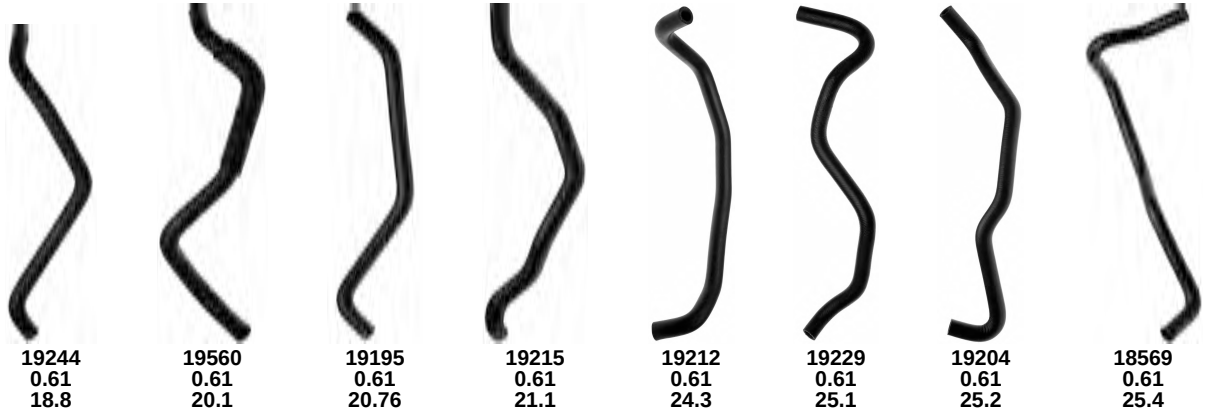
482



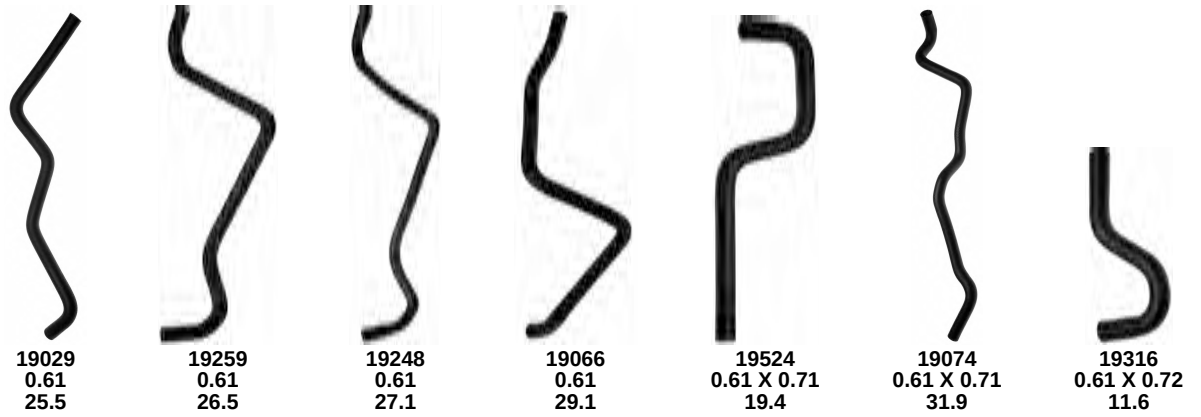
## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

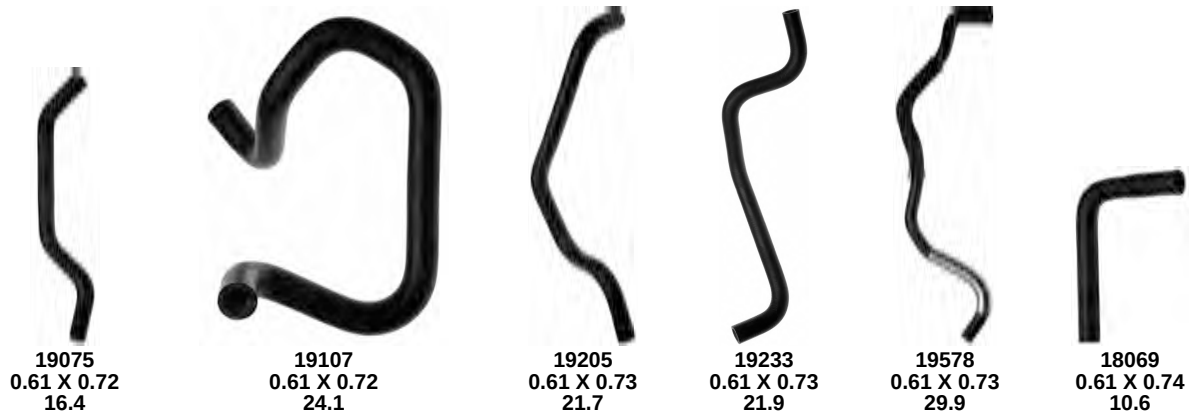
**483**



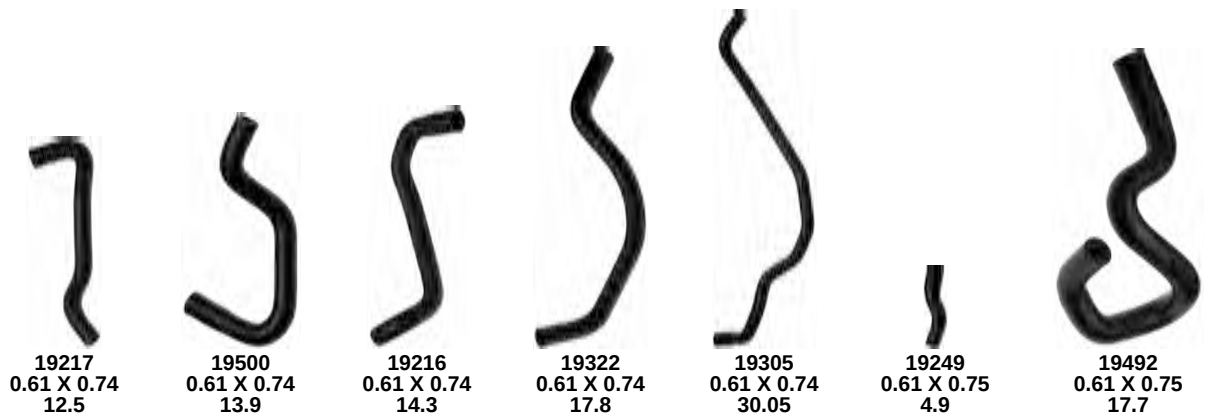
**484**



**485**



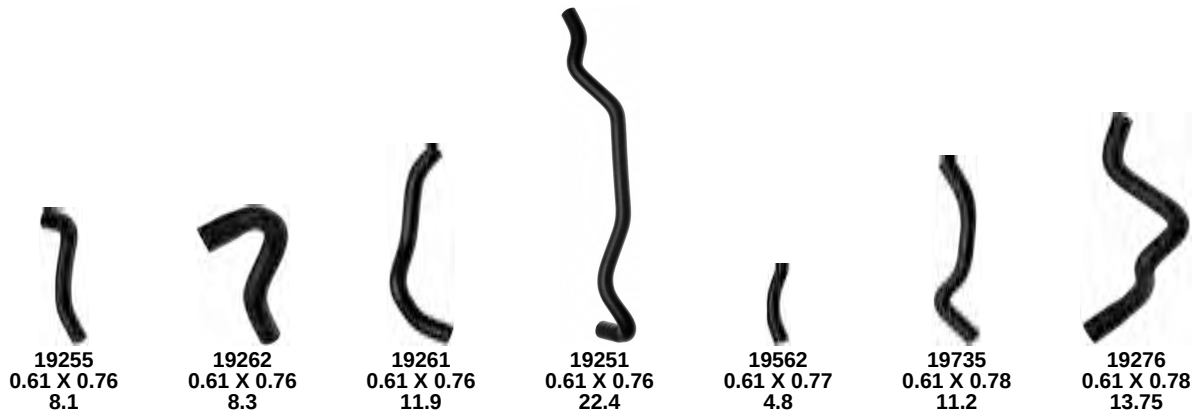
**486**



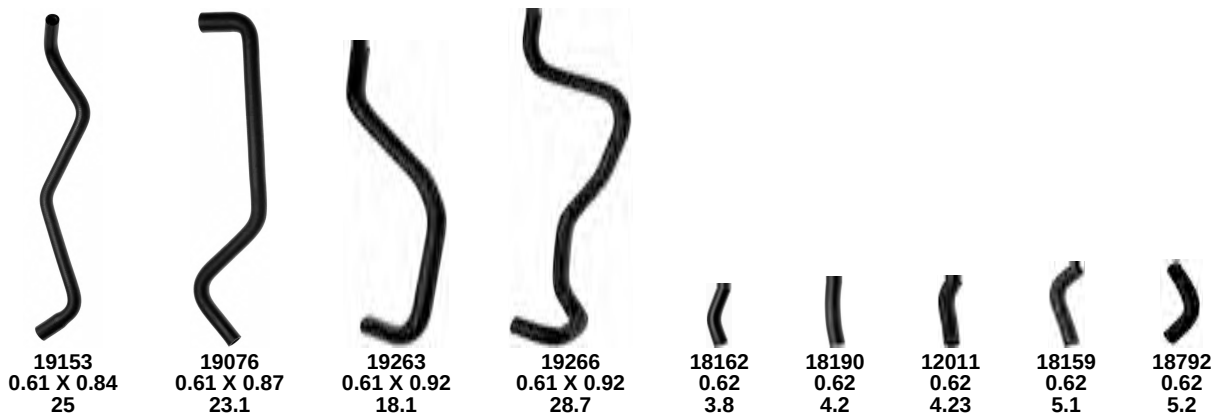
## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

487



488



489



490



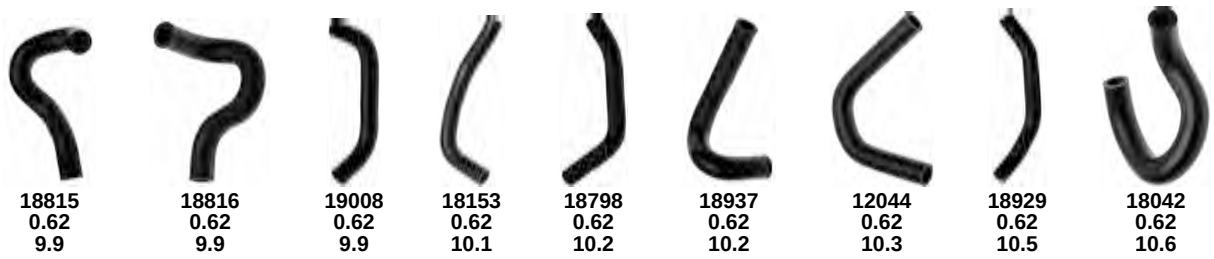
## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

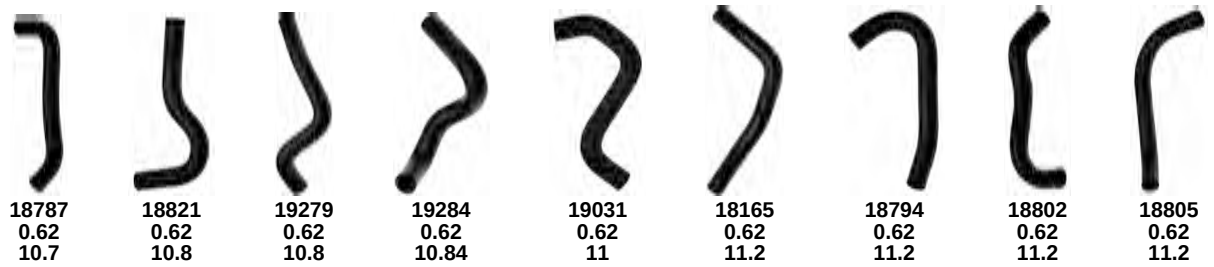
491



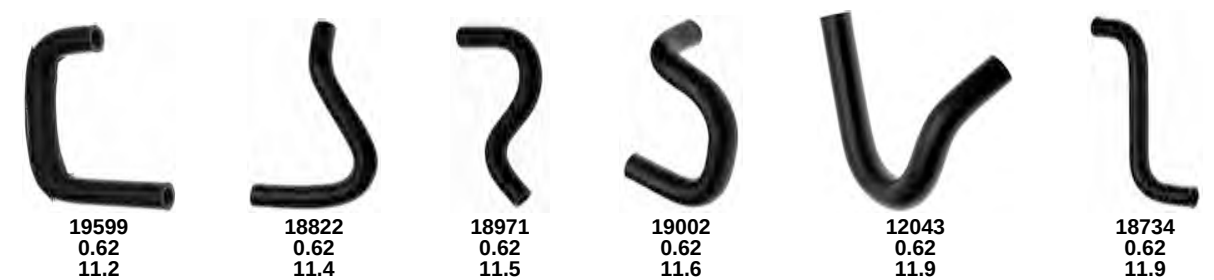
492



493



494



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

495



496



497



498



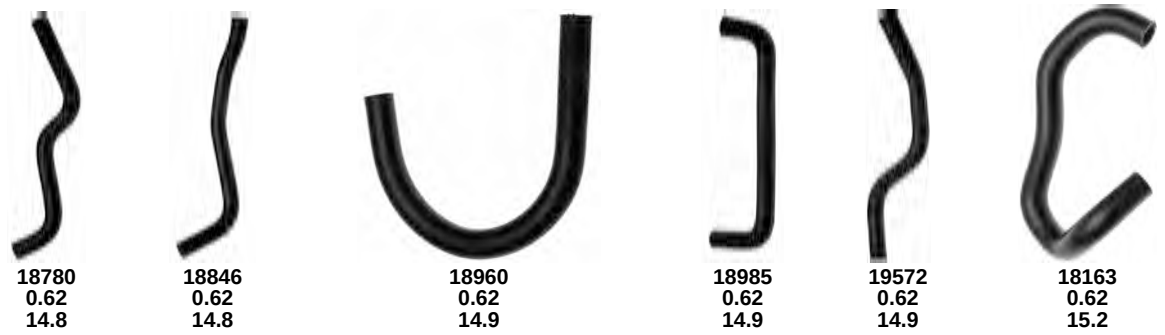
## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

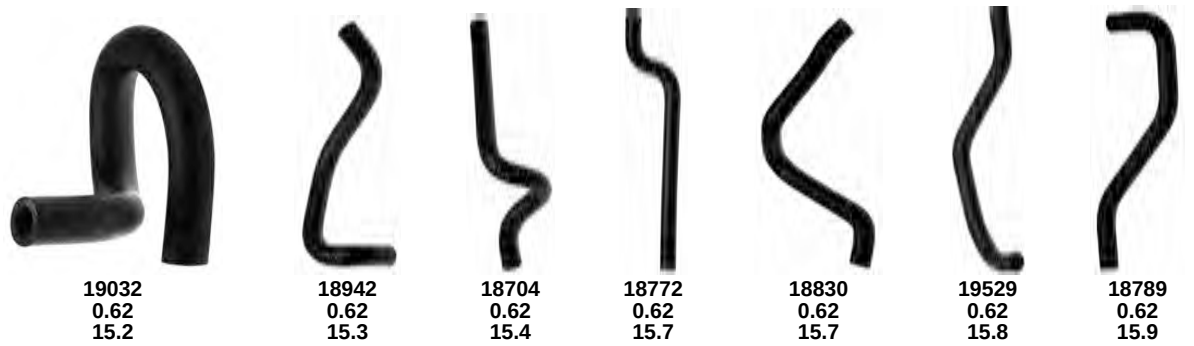
499



500



501



502



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

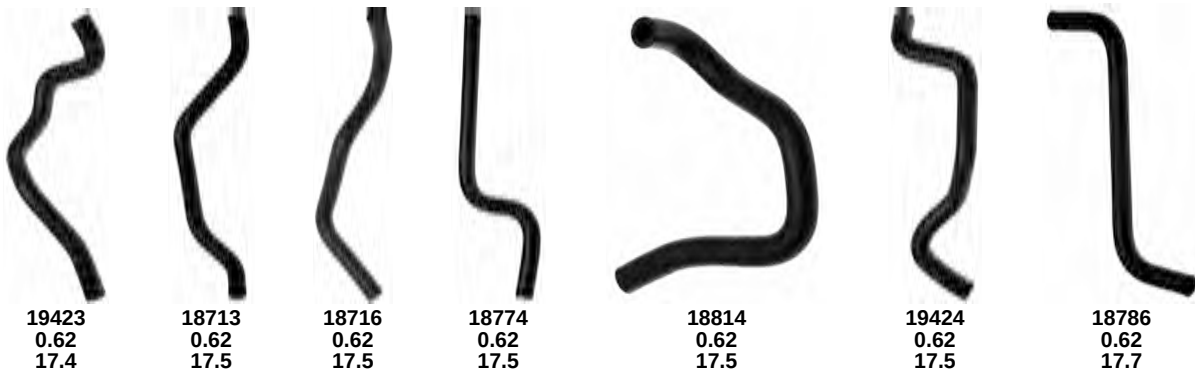
503



504



505



506



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

507



18857  
0.62  
18.3



18978  
0.62  
18.3



19438  
0.62  
18.4



19425  
0.62  
18.5



19373  
0.62  
18.6



12020  
0.62  
18.7

508



18932  
0.62  
18.7



19437  
0.62  
18.7



12019  
0.62  
18.74



18835  
0.62  
19



18858  
0.62  
19



18867  
0.62  
19

509



18950  
0.62  
19



18836  
0.62  
19.1



18864  
0.62  
19.1



18832  
0.62  
19.2



18994  
0.62  
19.2



19306  
0.62  
19.21

510



18826  
0.62  
19.3



18828  
0.62  
19.3



18847  
0.62  
19.3



19034  
0.62  
19.5



18703  
0.62  
19.6



18806  
0.62  
19.8

## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

511



512



513



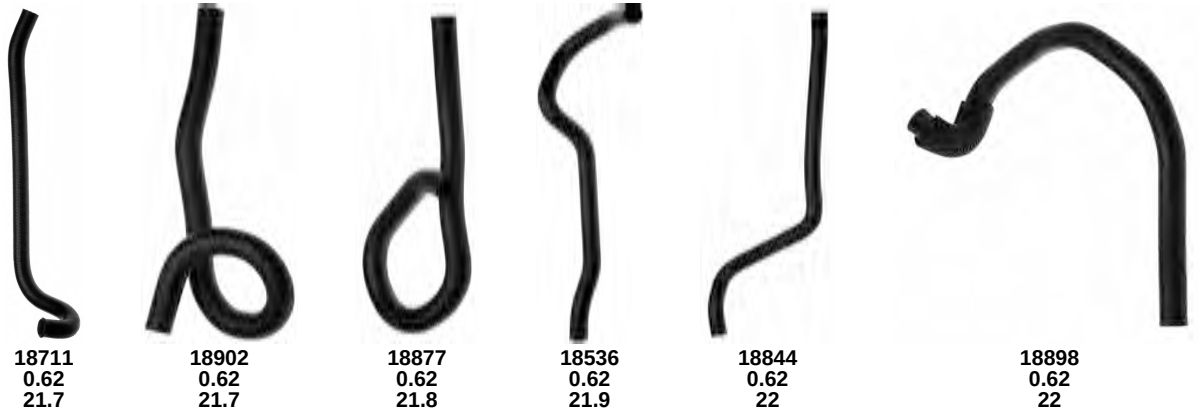
514



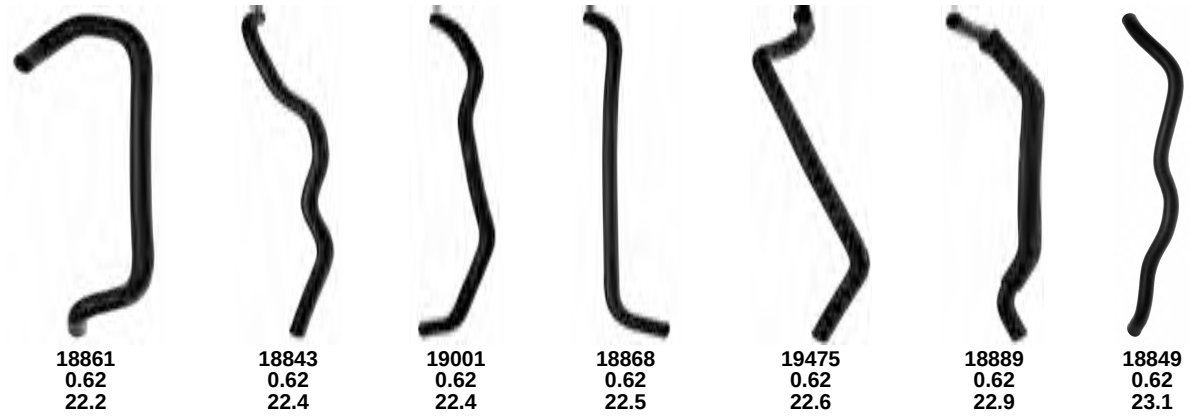
## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

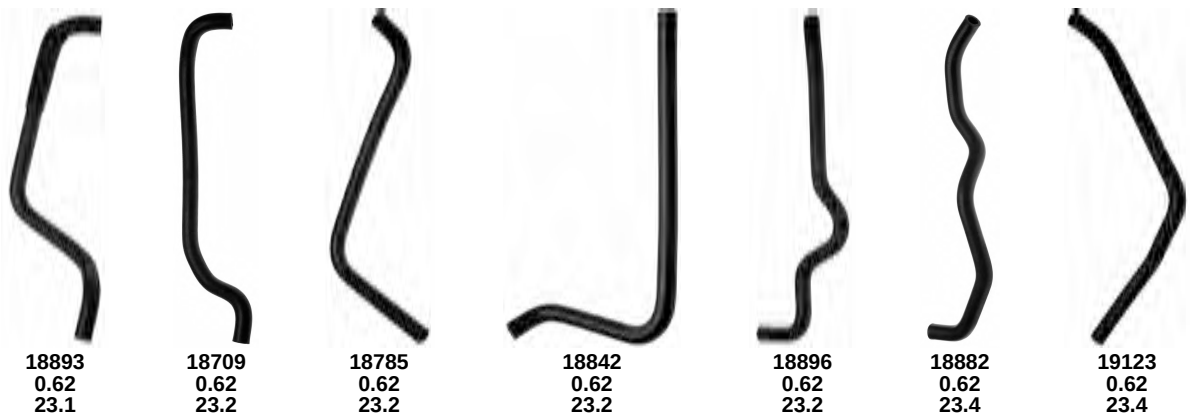
515



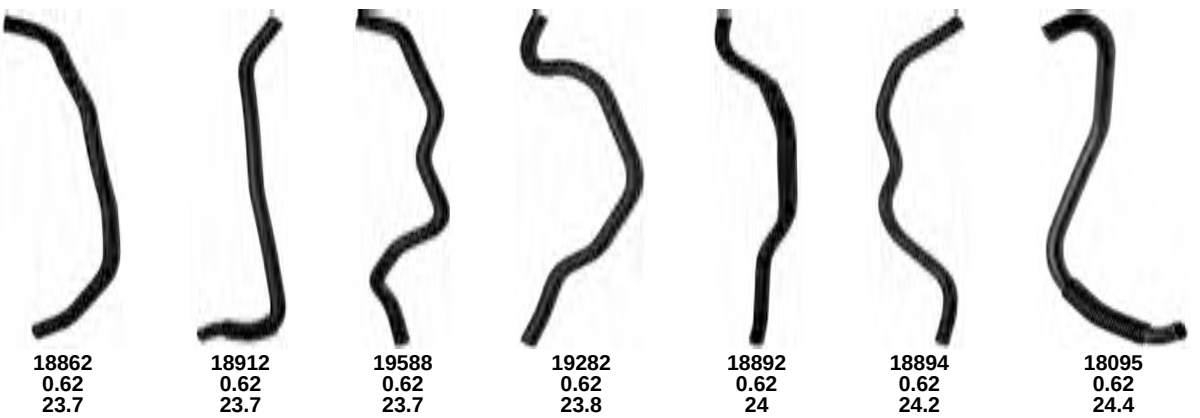
516



517



518



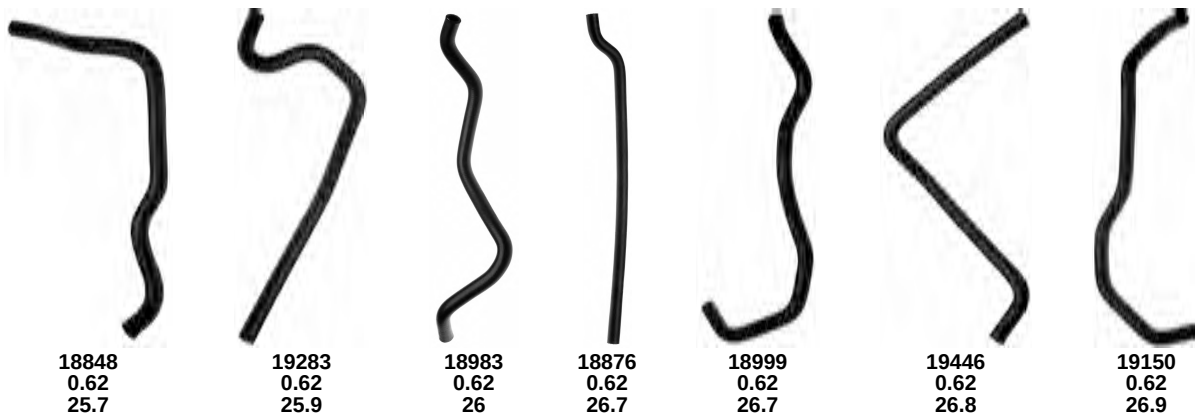
## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

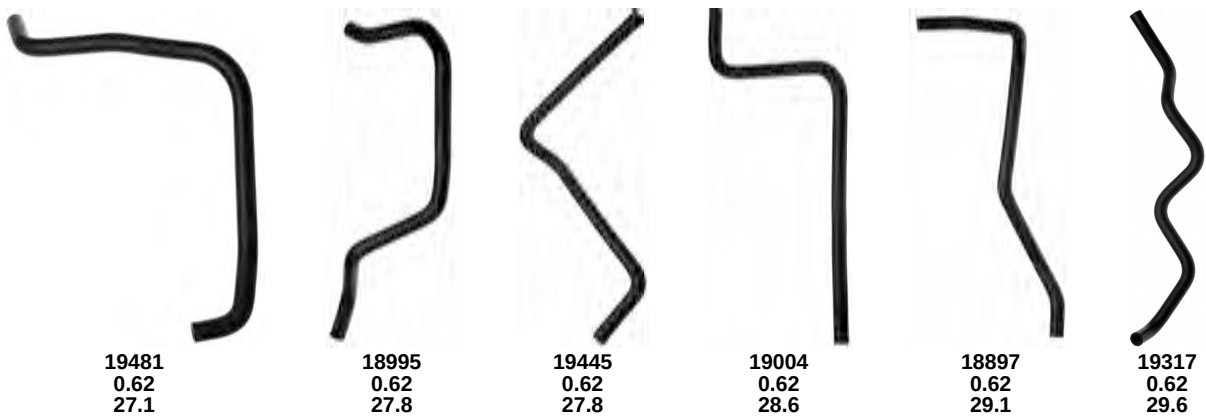
519



520



521



522



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

523



19192  
0.62  
32.7



19434  
0.62  
33



18001  
0.62  
34.1



18914  
0.62  
35



19222  
0.62  
35.1



19341  
0.62  
35.5

524



19436  
0.62  
35.8



18884  
0.62  
35.9



18917  
0.62  
36.5



19482  
0.62  
37.4



18885  
0.62  
38.4



19511  
0.62  
38.9

525



19450  
0.62  
39.4



19510  
0.62  
41.3



18908  
0.62  
41.5



19452  
0.62  
42.3



19451  
0.62  
42.7



19201  
0.62  
44.2

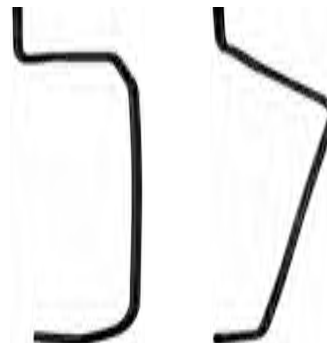
526



19454  
0.62  
44.4



19439  
0.62  
46.3



19455  
0.62  
46.4



19569  
0.62  
46.4

19453  
0.62  
47.3

## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

527



19570  
0.62  
47.7



19246  
0.62  
48.5



19442  
0.62 X 0.68  
20.2



18755  
0.62 X 0.69  
10.1



18920  
0.62 X 0.7  
14.9

528



18993  
0.62 X 0.7  
19.1



19116  
0.62 X 0.71  
20.2



19089  
0.62 X 0.71  
32.7



19020  
0.62 X 0.72  
4.8



19022  
0.62 X 0.72  
5.2



19019  
0.62 X 0.72  
8.1

529



18903  
0.62 X 0.72  
9.9



19593  
0.62 X 0.72  
12.4



18952  
0.62 X 0.72  
14.2



19447  
0.62 X 0.72  
14.4



18919  
0.62 X 0.72  
14.6



19033  
0.62 X 0.72  
14.9

530



18922  
0.62 X 0.72  
15.1



19594  
0.62 X 0.72  
16.6



19021  
0.62 X 0.72  
17.8



19595  
0.62 X 0.72  
19.6



18747  
0.62 X 0.72  
19.8



19514  
0.62 X 0.72  
20.3

## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

**531**



18860  
0.62 X 0.72  
21.5



19121  
0.62 X 0.72  
22.6



18732  
0.62 X 0.72  
22.7



18959  
0.62 X 0.72  
24.8



19503  
0.62 X 0.72  
24.8



19155  
0.62 X 0.72  
25

**532**



19286  
0.62 X 0.72  
26.48



18915  
0.62 X 0.72  
40.9



19154  
0.62 X 0.72  
53.3



19596  
0.62 X 0.73  
14



19307  
0.62 X 0.73  
14.8



19597  
0.62 X 0.73  
17.6



18633  
0.62 X 0.73  
20.6

**533**



19231  
0.62 X 0.73  
21



18155  
0.62 X 0.73  
21.5



19277  
0.62 X 0.73  
22.27



19105  
0.62 X 0.73  
28.1



19515  
0.62 X 0.73  
31.9



19435  
0.62 X 0.73  
33.4

**534**



19224  
0.62 X 0.74  
21.2



18080  
0.62 X 0.75  
6



18740  
0.62 X 0.75  
6.2



19444  
0.62 X 0.75  
7.7



18446  
0.62 X 0.75  
9.2



18741  
0.62 X 0.75  
9.2



18746  
0.62 X 0.75  
9.2

## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

535



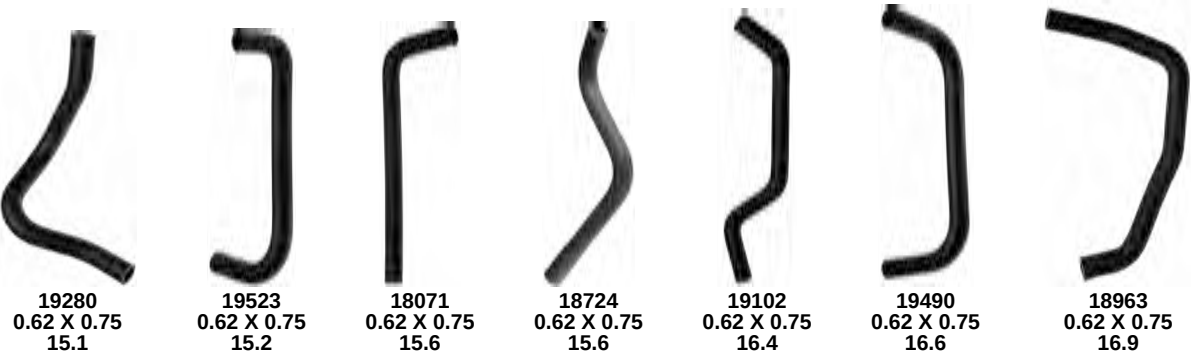
536



537



538



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

539

18082  
0.62 X 0.75  
18

19491  
0.62 X 0.75  
18.4

19537  
0.62 X 0.75  
18.6

19392  
0.62 X 0.75  
18.7

18754  
0.62 X 0.75  
18.8

18744  
0.62 X 0.75  
20.2

540

18758  
0.62 X 0.75  
20.4

19419  
0.62 X 0.75  
20.4

18707  
0.62 X 0.75  
21.4

18076  
0.62 X 0.75  
21.6

18759  
0.62 X 0.75  
21.7

19476  
0.62 X 0.75  
21.8

541

18764  
0.62 X 0.75  
22.3

18757  
0.62 X 0.75  
24.1

18762  
0.62 X 0.75  
25.4

18072  
0.62 X 0.75  
25.6

19889  
0.62 X 0.75  
26.3

18765  
0.62 X 0.75  
27.4

18073  
0.62 X 0.75  
27.6

542

18729  
0.62 X 0.75  
28.7

19433  
0.62 X 0.75  
30.1

19509  
0.62 X 0.75  
32.1

18768  
0.62 X 0.75  
33.1

18771  
0.62 X 0.75  
33.1

18924  
0.62 X 0.75  
35.5

18083  
0.62 X 0.75  
36

## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

543



544



545



546



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

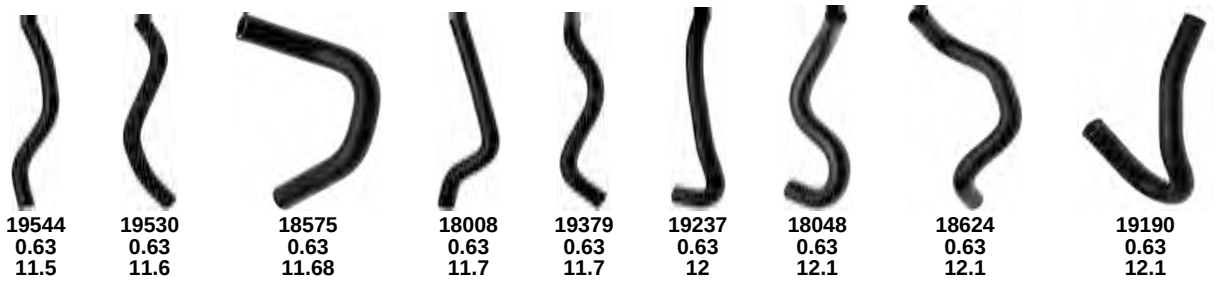
547



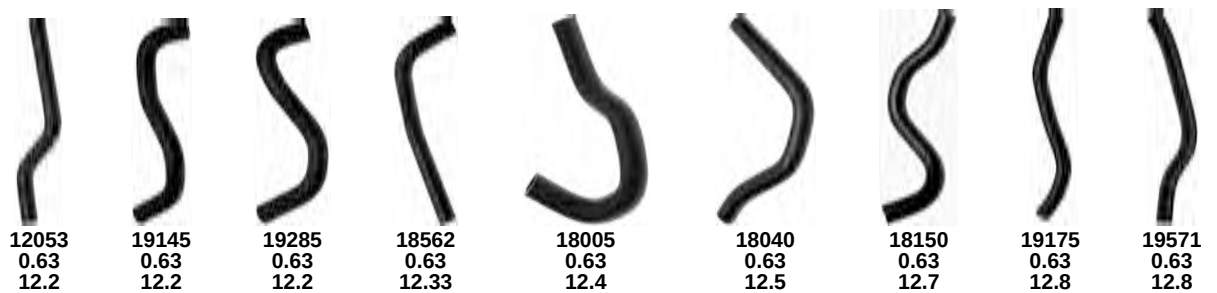
548



549



550



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

551



552



553



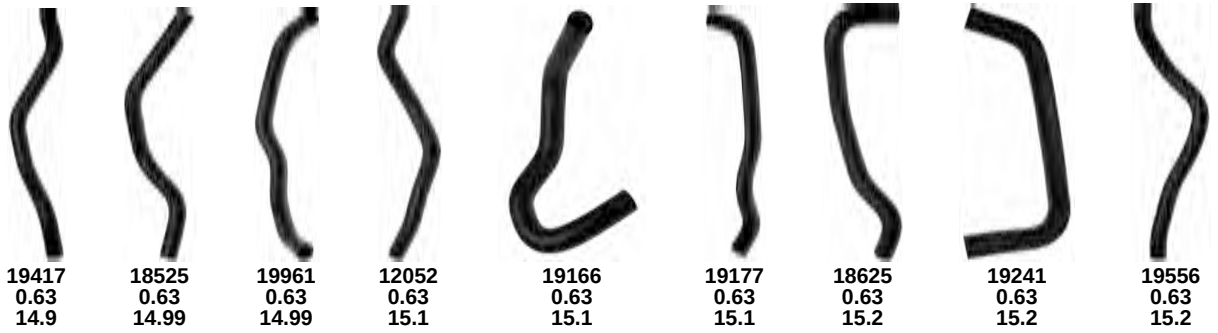
554



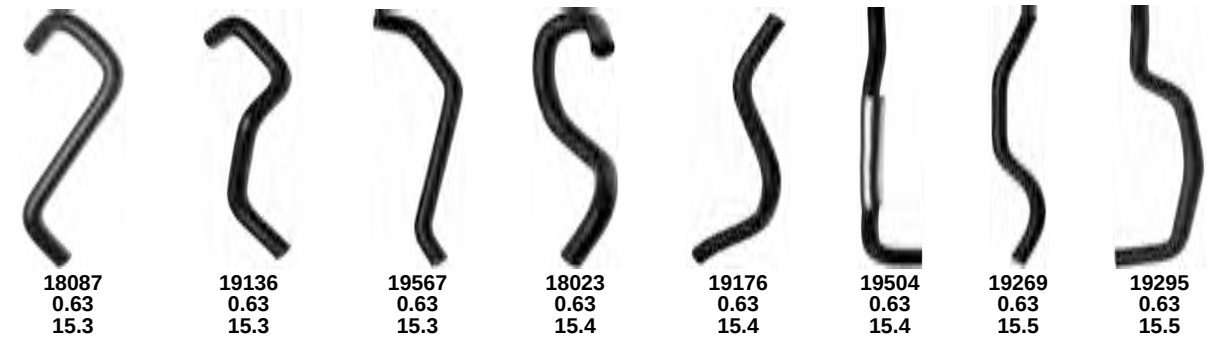
## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

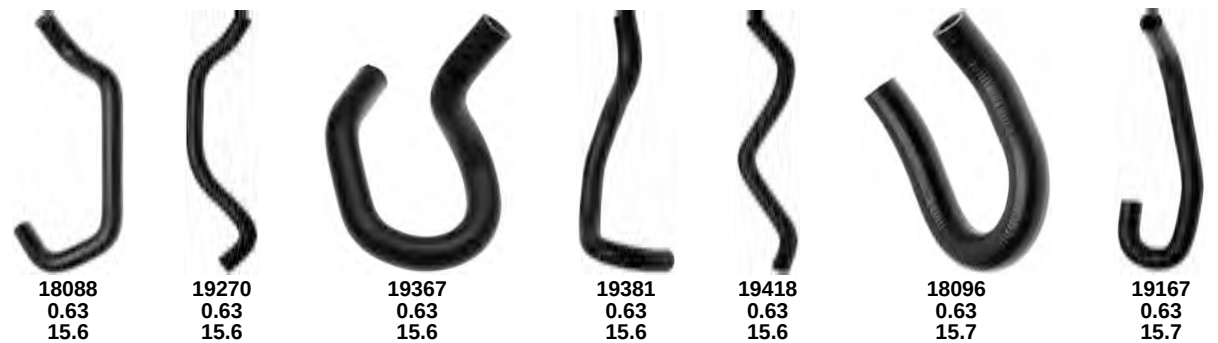
**555**



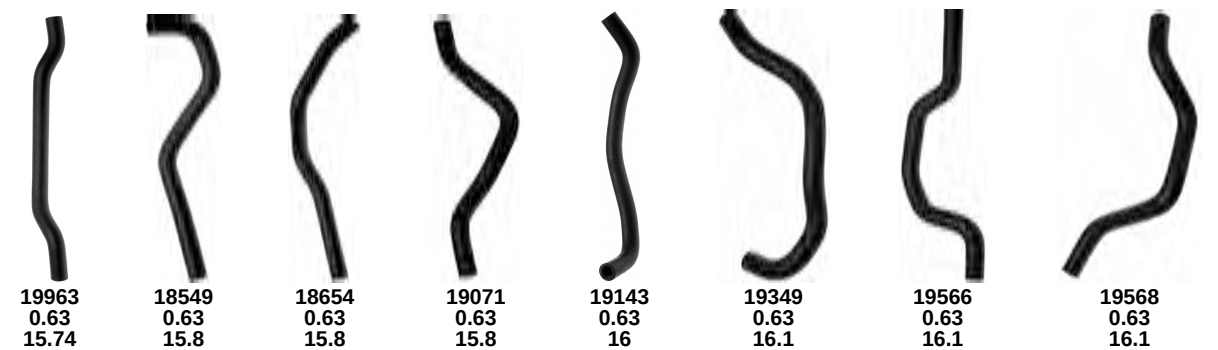
**556**



**557**



**558**



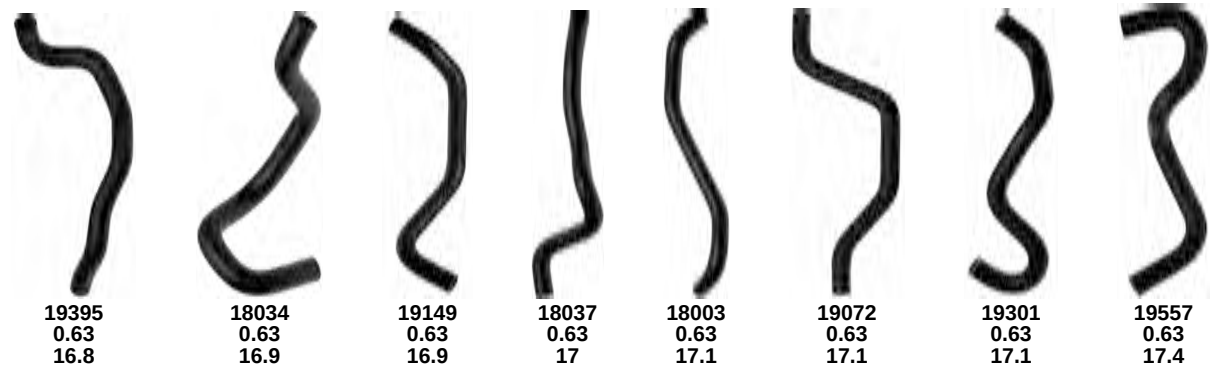
## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

559



560



561



562



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

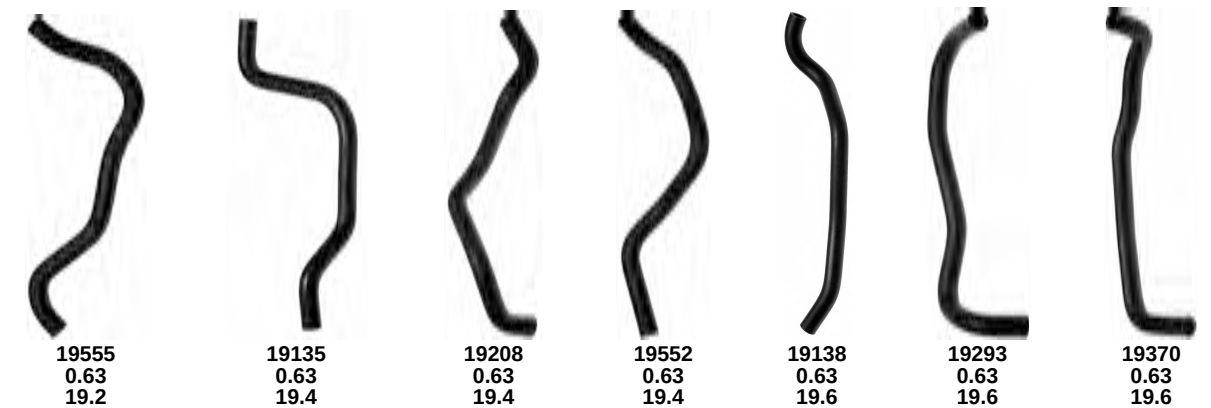
**563**



**564**



**565**



**566**



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

567



568



569



570



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

571



19406  
0.63  
21.5



19372  
0.63  
21.6



19591  
0.63  
21.7



19312  
0.63  
21.8



19044  
0.63  
22



19134  
0.63  
22



19404  
0.63  
22.1

572



19047  
0.63  
22.2



19585  
0.63  
22.2



18035  
0.63  
22.4



19148  
0.63  
22.4



19558  
0.63  
22.4



18588  
0.63  
22.5



19369  
0.63  
22.5

573



19093  
0.63  
22.6



19178  
0.63  
22.6



19966  
0.63  
22.6



18350  
0.63  
22.8



19407  
0.63  
22.9



18561  
0.63  
23.1



19162  
0.63  
23.1

574



18647  
0.63  
23.2



19357  
0.63  
23.4



19354  
0.63  
23.8



18061  
0.63  
23.9



19144  
0.63  
23.9



19386  
0.63  
23.9



18548  
0.63  
24

## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

575



576



577



578



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

579



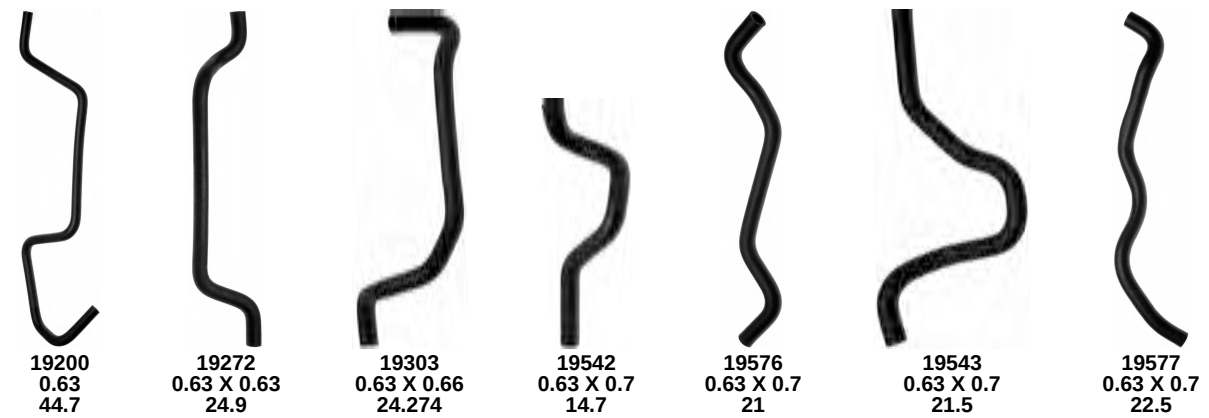
580



581



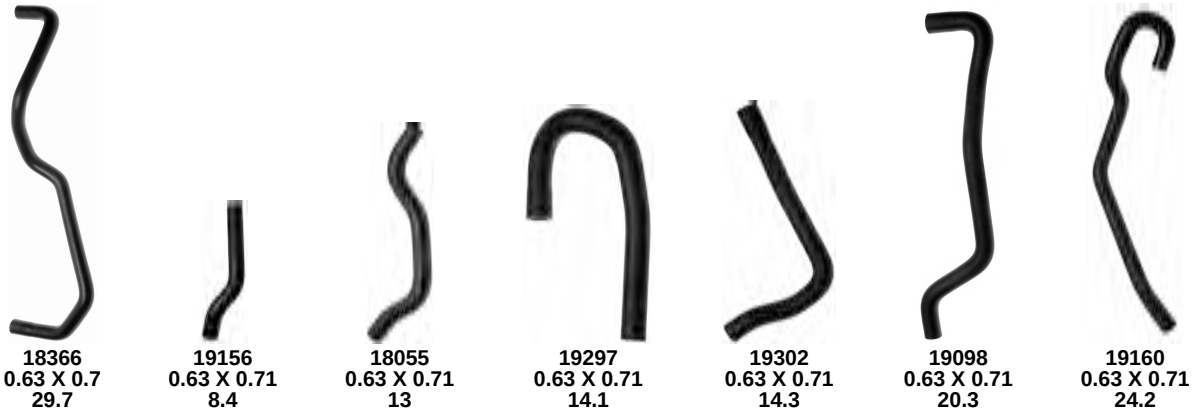
582



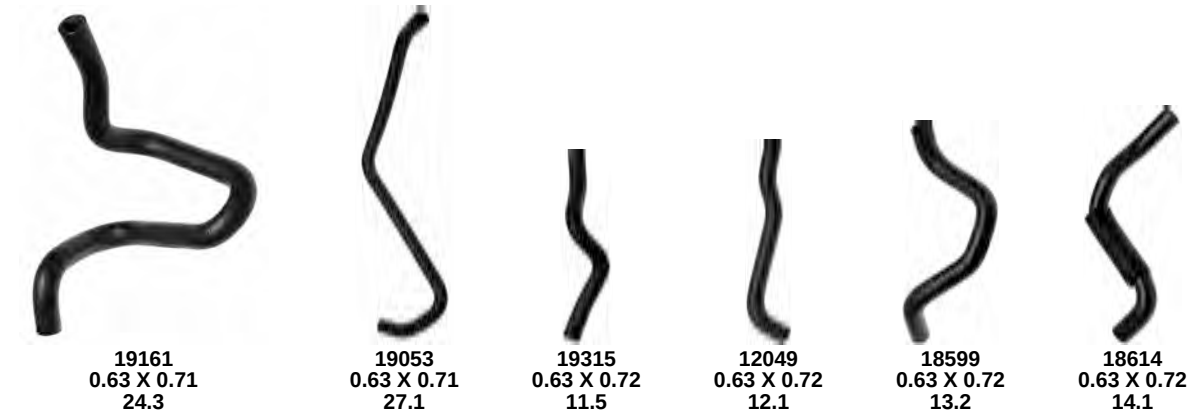
## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

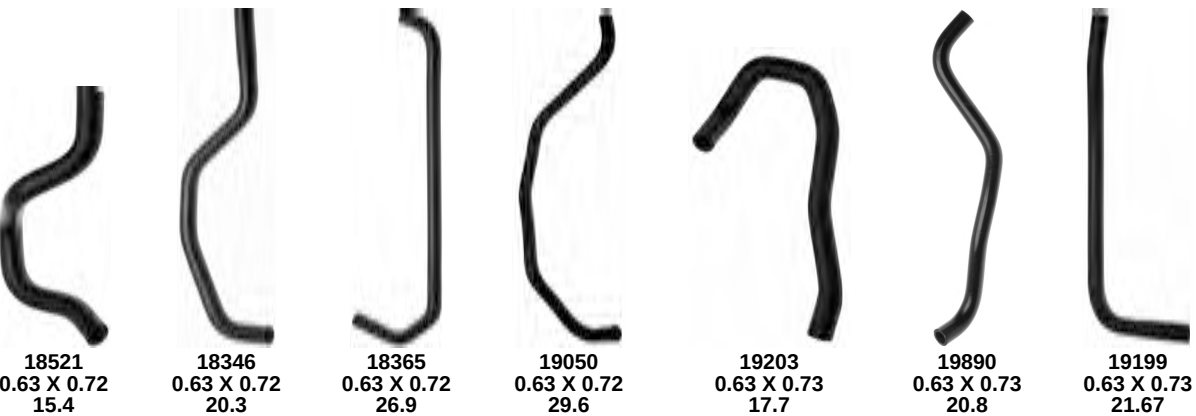
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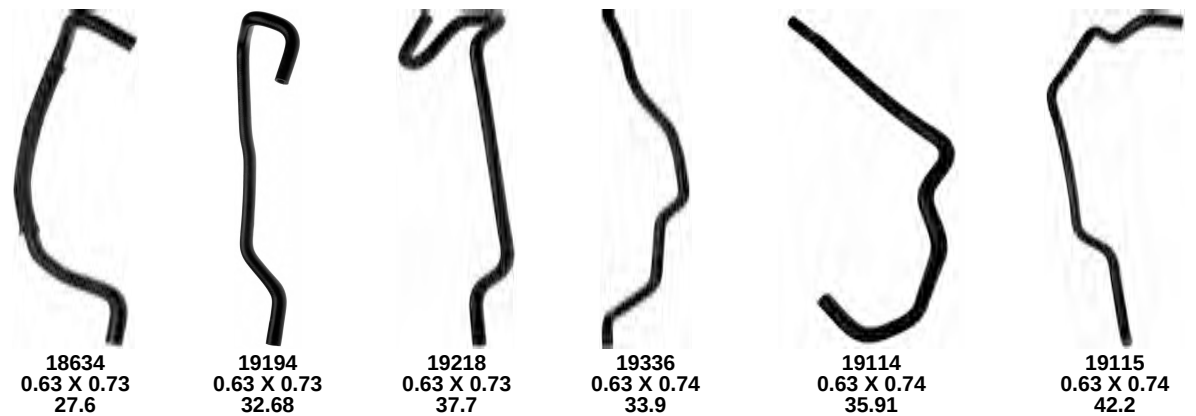
584



585



586



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

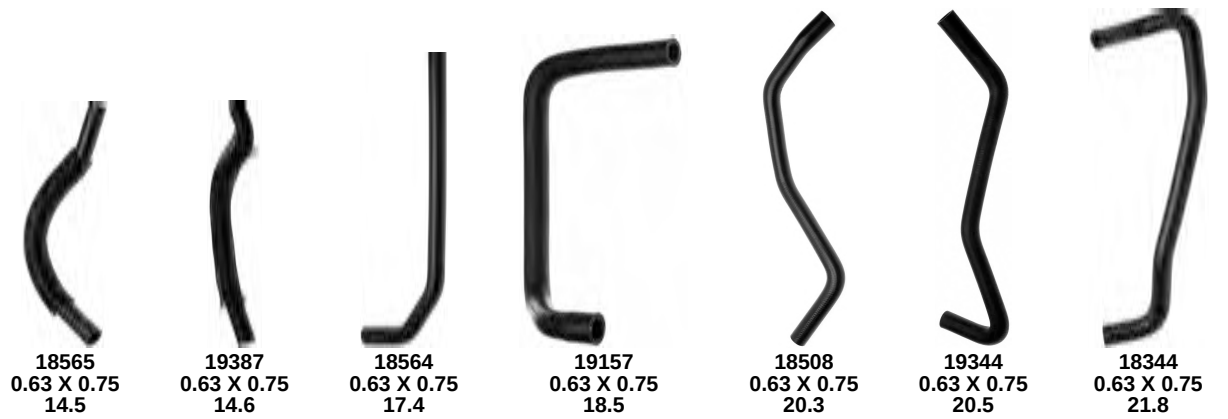
587



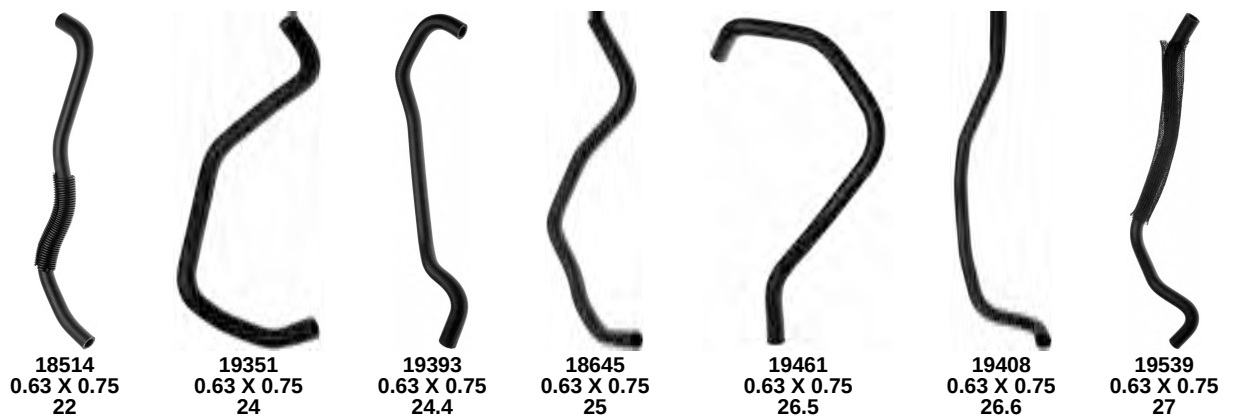
588



589



590



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

591



19383  
0.63 X 0.75  
27.2



19541  
0.63 X 0.75  
27.2



18505  
0.63 X 0.75  
28.4



19536  
0.63 X 0.75  
29



19101  
0.63 X 0.75  
29.1

592



19460  
0.63 X 0.75  
29.2



19223  
0.63 X 0.75  
29.5



18530  
0.63 X 0.75  
30.4



19185  
0.63 X 0.75  
31.1



19186  
0.63 X 0.75  
34.4



19538  
0.63 X 0.75  
36.8

593



19421  
0.63 X 0.75  
38.6



19159  
0.63 X 0.94  
17.3



19219  
0.63 X 0.94  
20.9



19052  
0.63 X 0.94  
24.7



19051  
0.63 X 0.94  
27.1



19979  
0.63 X 0.95  
23.2

594



19487  
0.64  
13.22



18834  
0.64  
15.3



19290  
0.64  
15.6



19533  
0.64  
19



19211  
0.64  
19.3



19041  
0.64  
19.5



18024  
0.64  
20.6

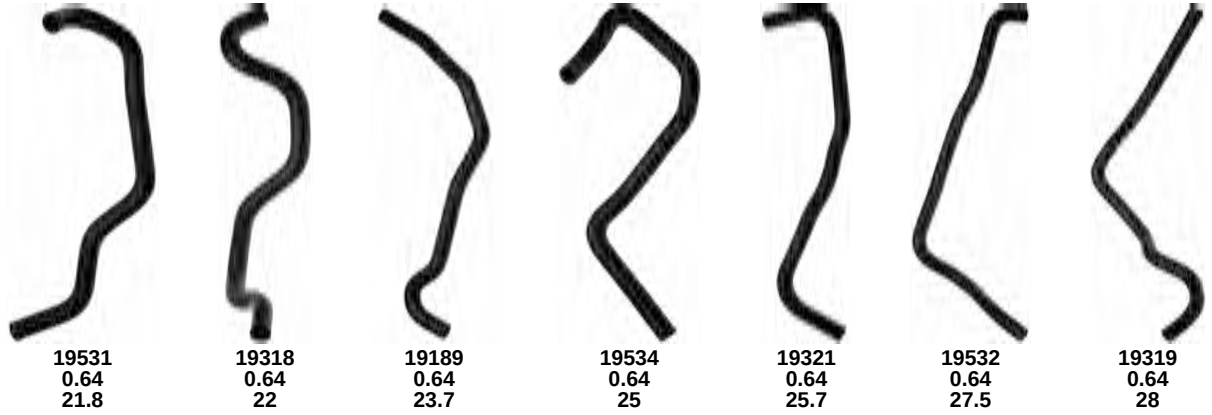


18027  
0.64  
21.8

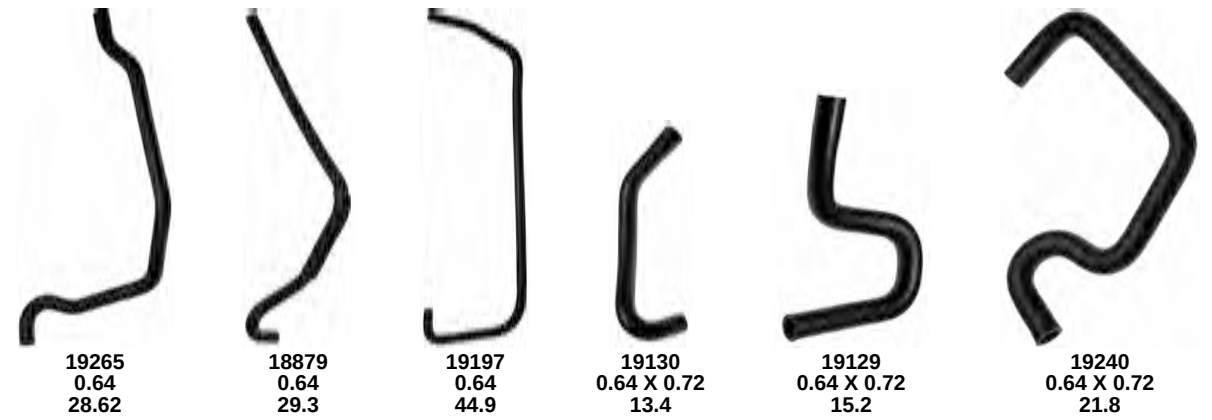
## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

595



596



597



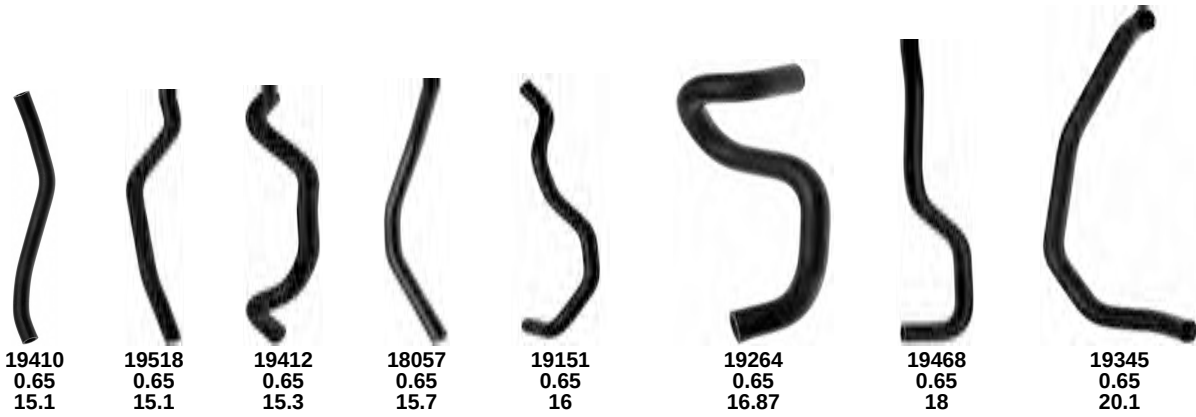
598



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

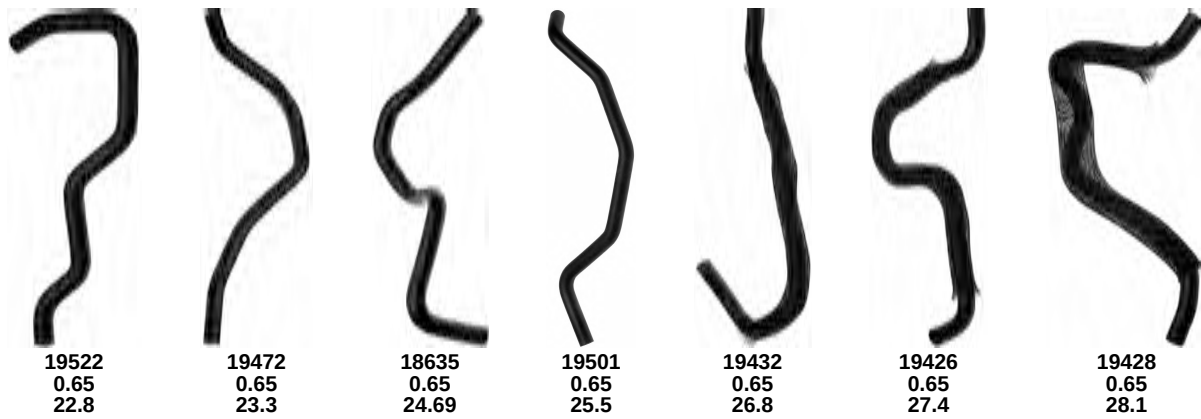
599



600



601



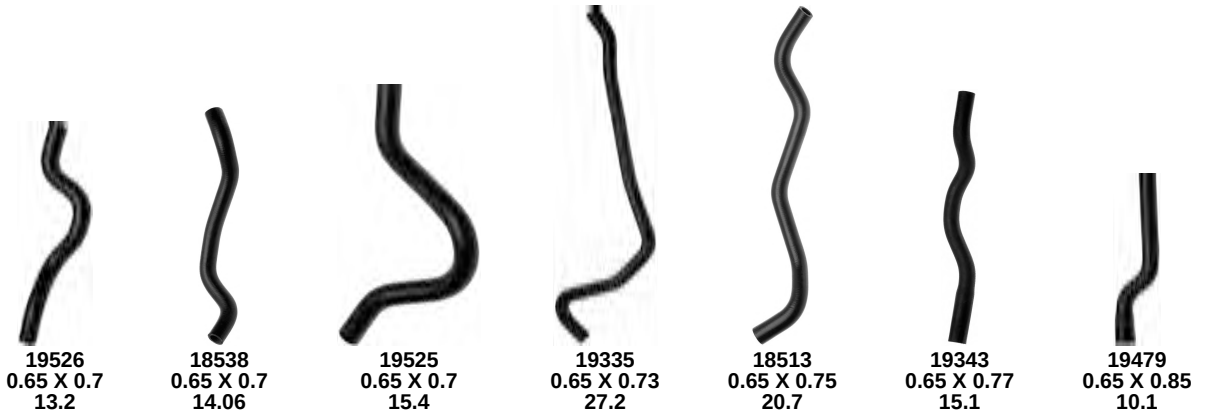
602



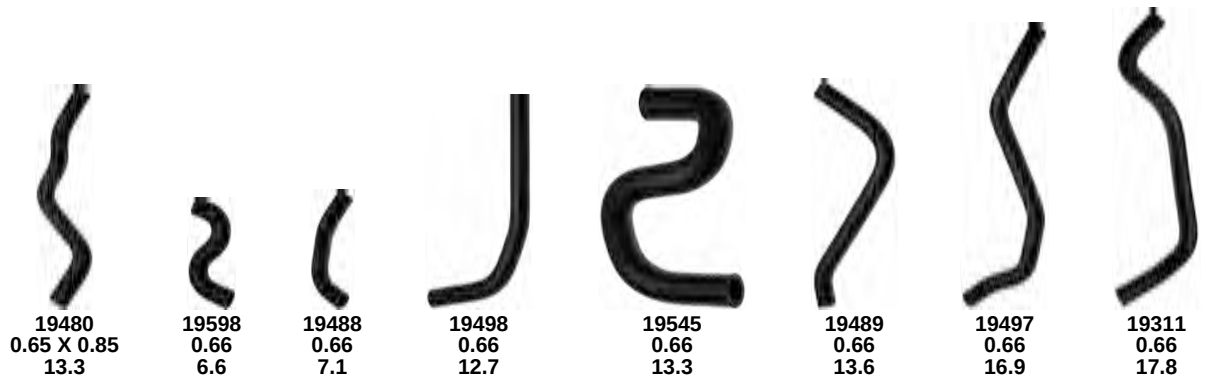
## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

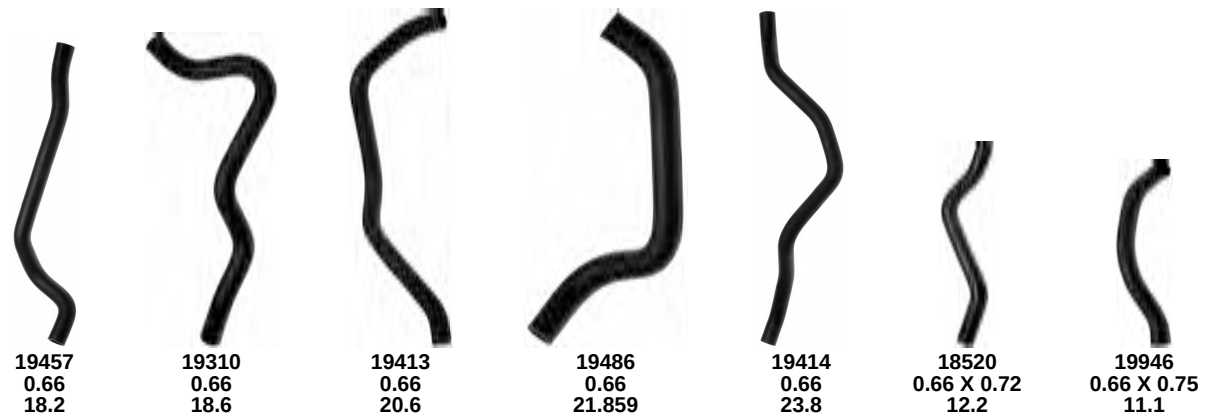
603



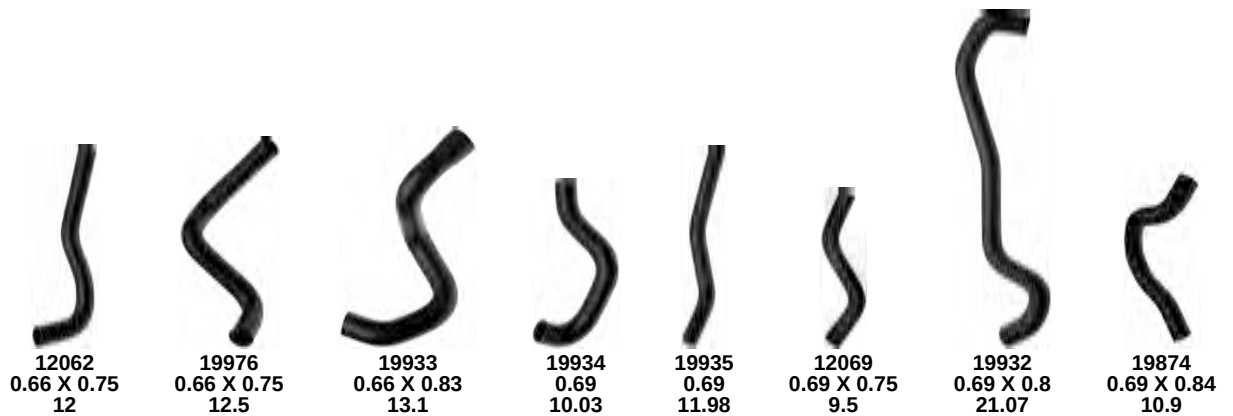
604



605



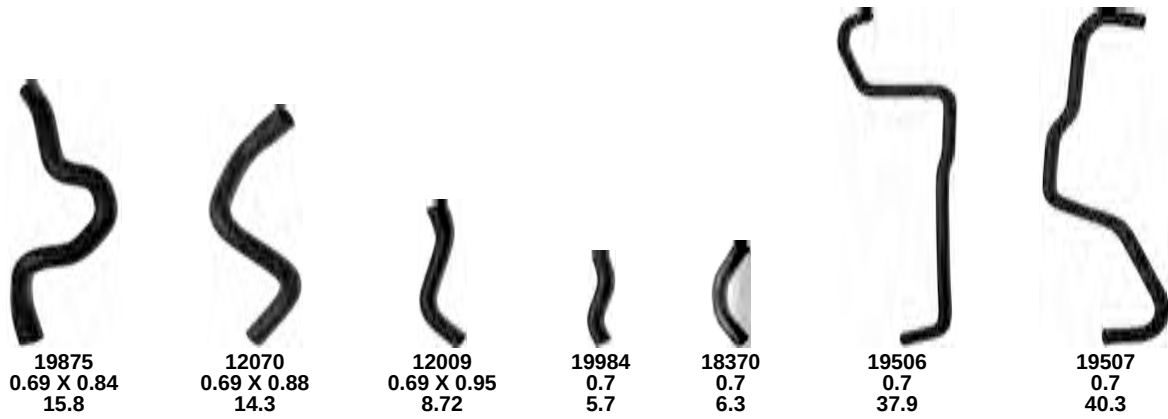
606



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

607



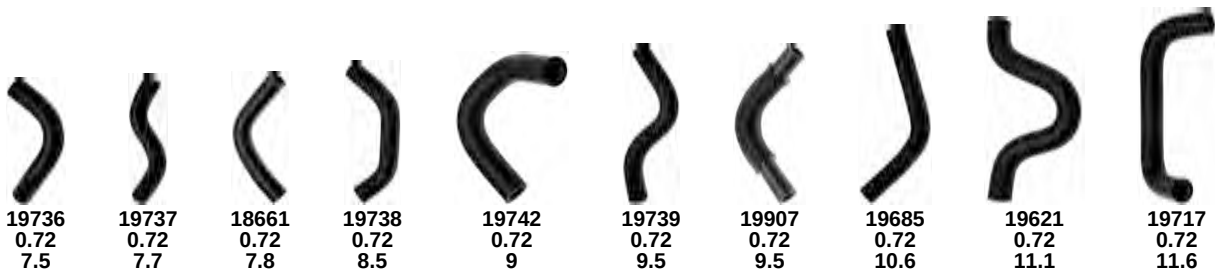
608



609



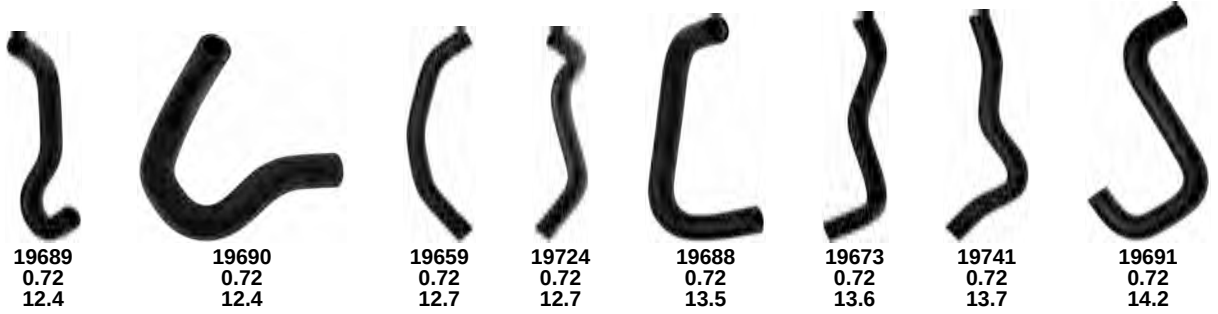
610



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

**611**



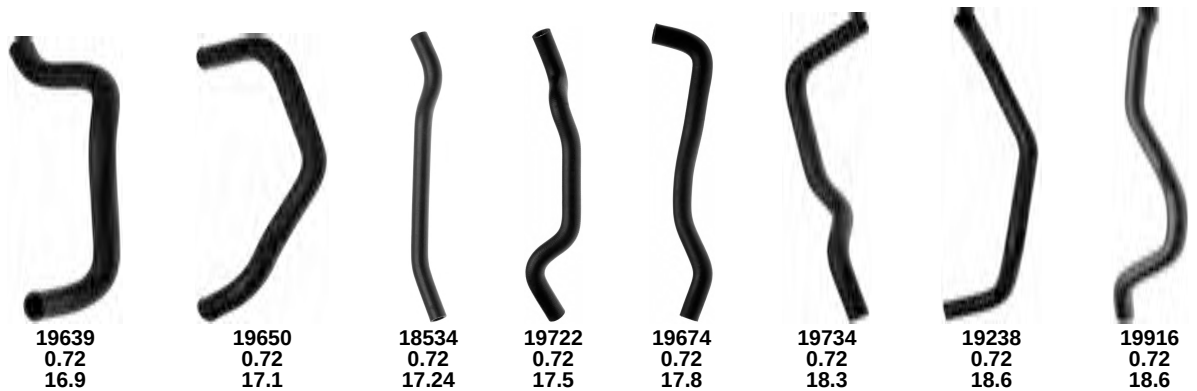
**612**



**613**



**614**



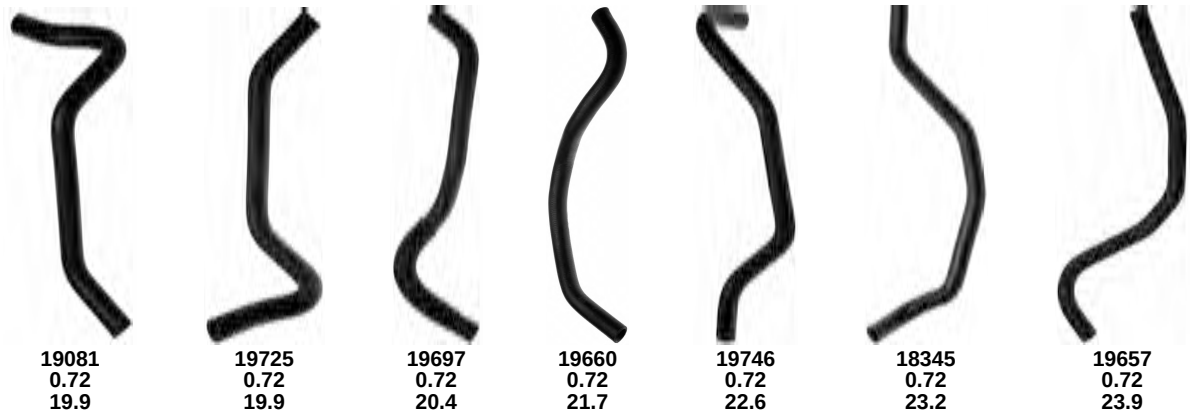
## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

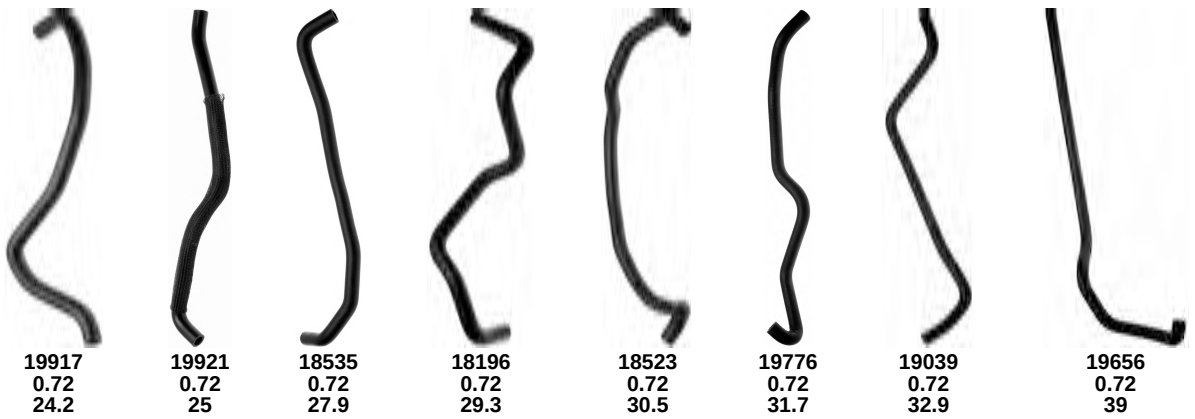
615



616



617



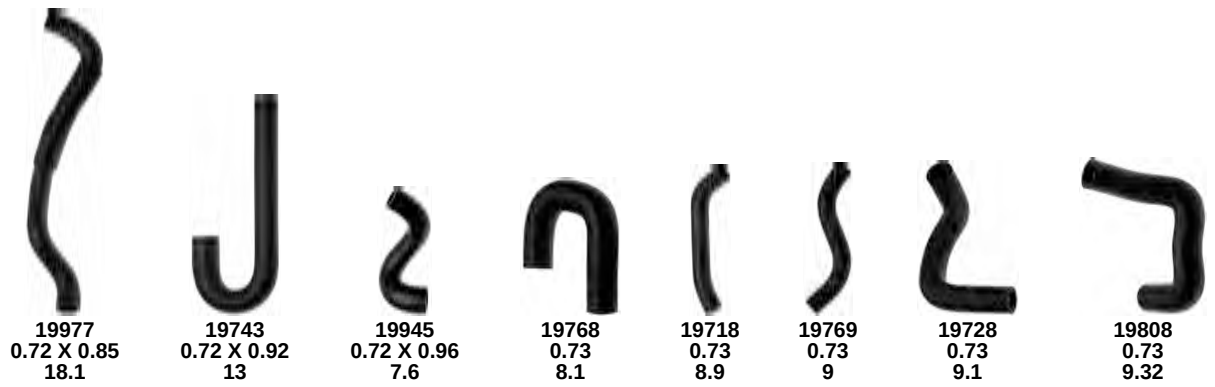
618



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

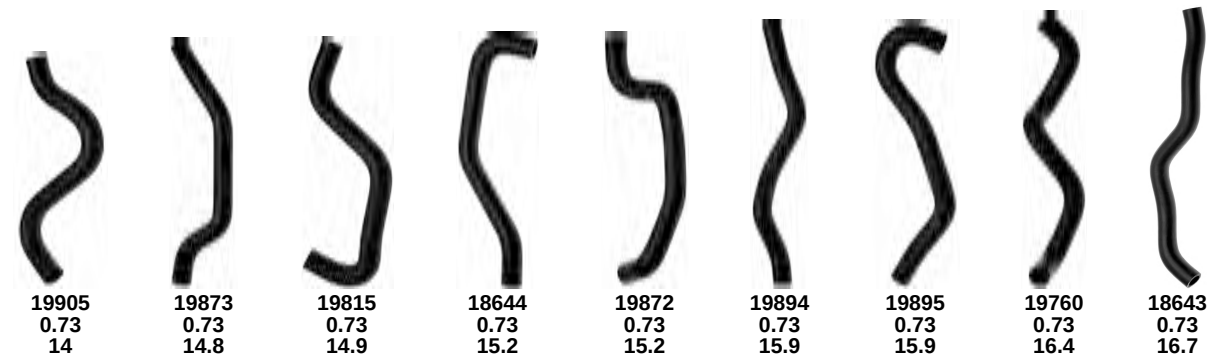
619



620



621



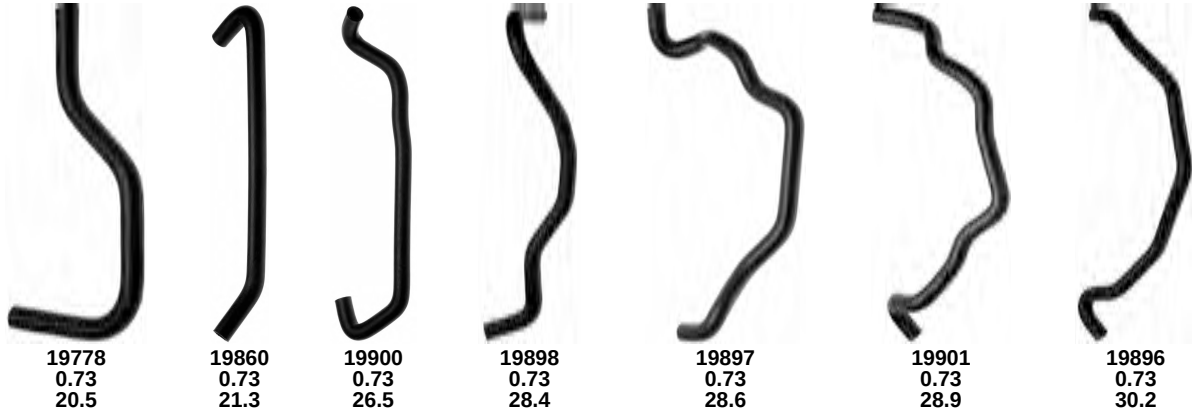
622



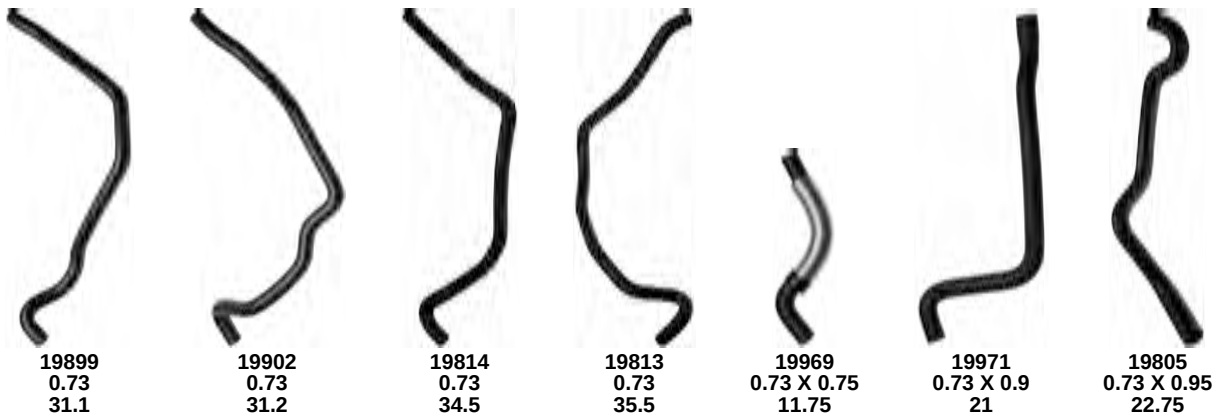
## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

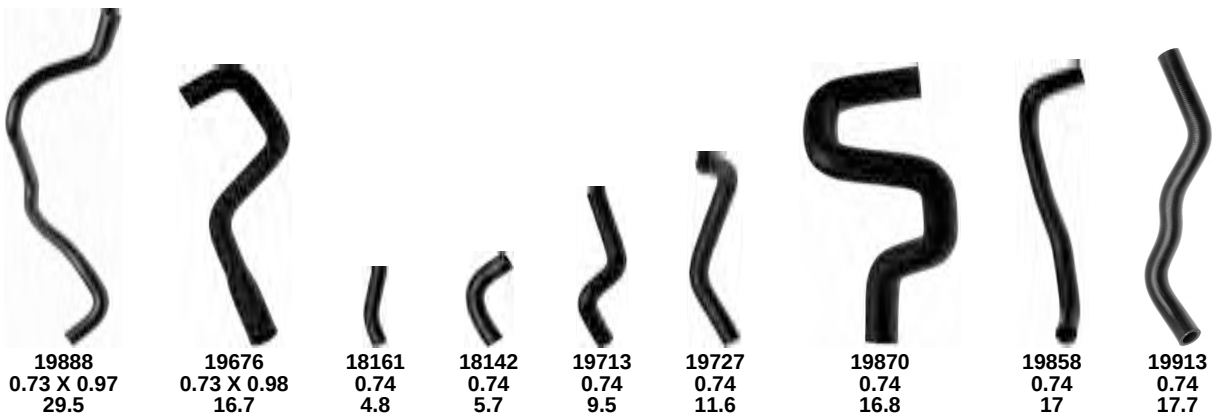
623



624



625



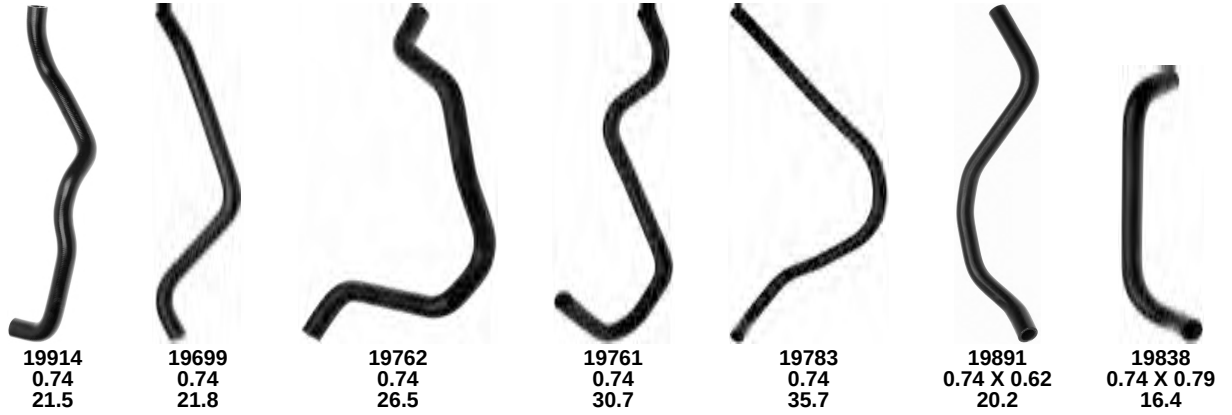
626



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

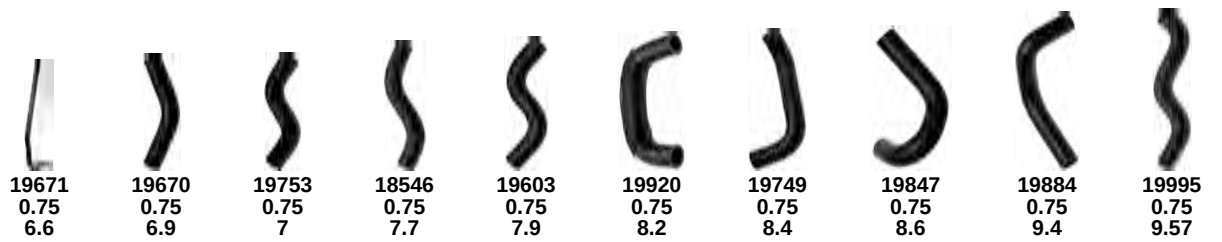
627



628



629



630



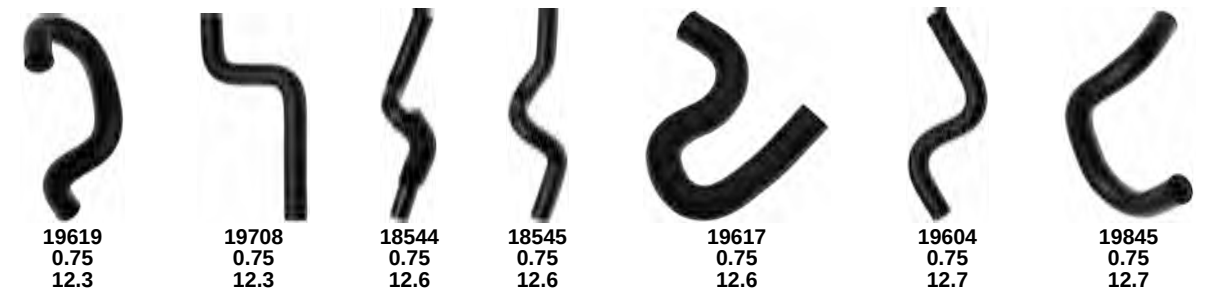
## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

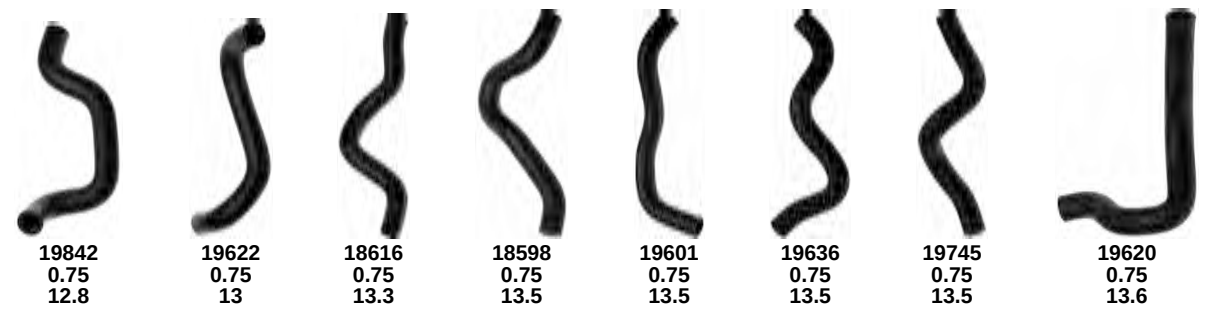
631



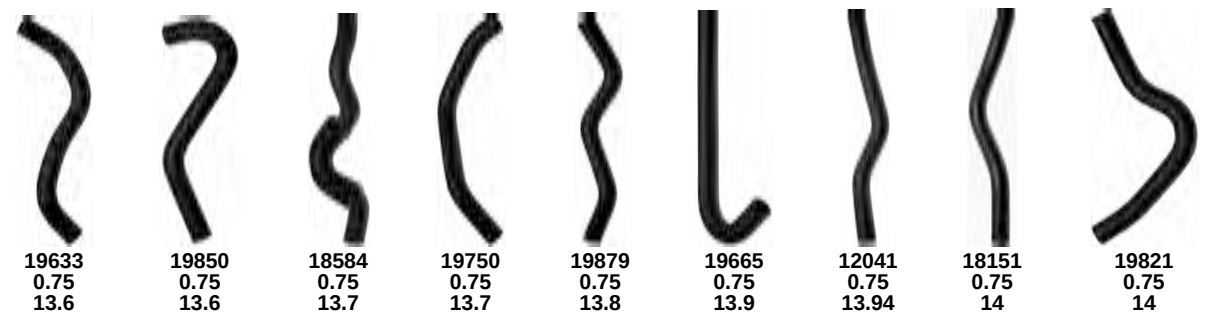
632



633



634



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

**635**



**636**



**637**



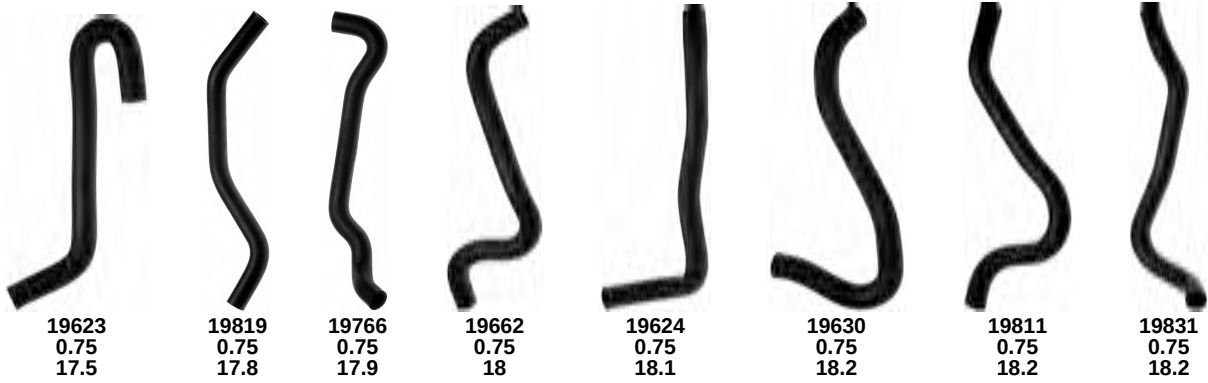
**638**



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

639



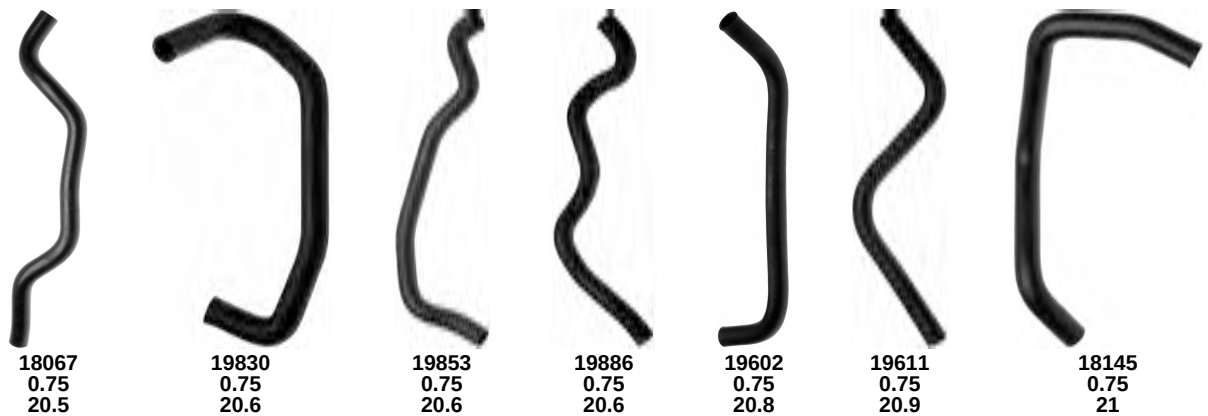
640



641



642



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

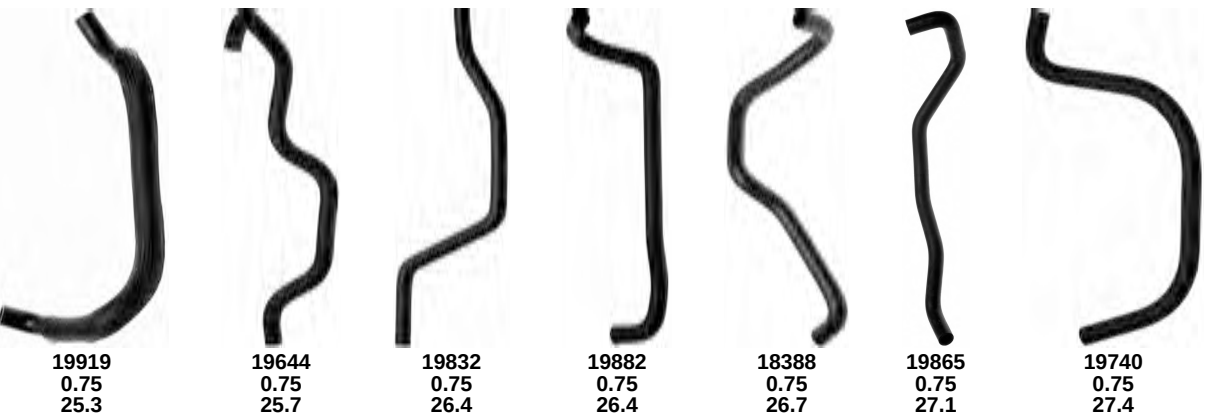
643



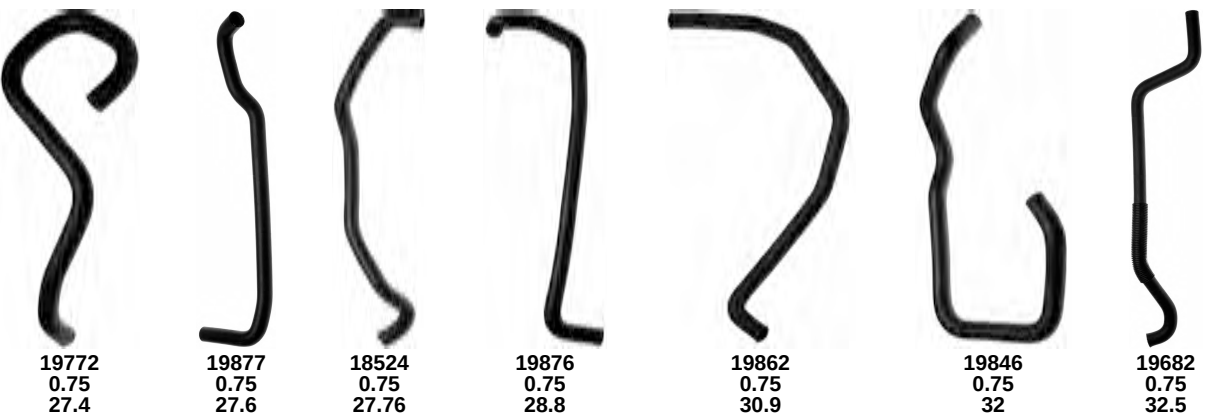
644



645



646



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

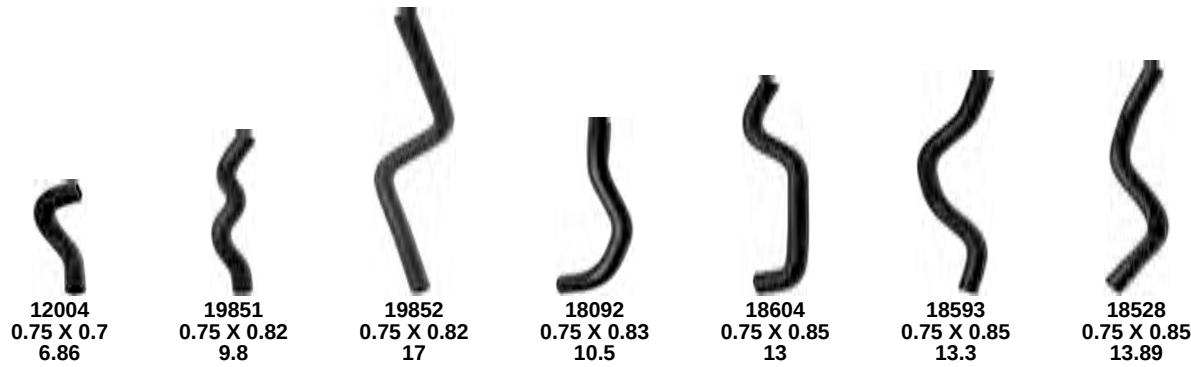
647



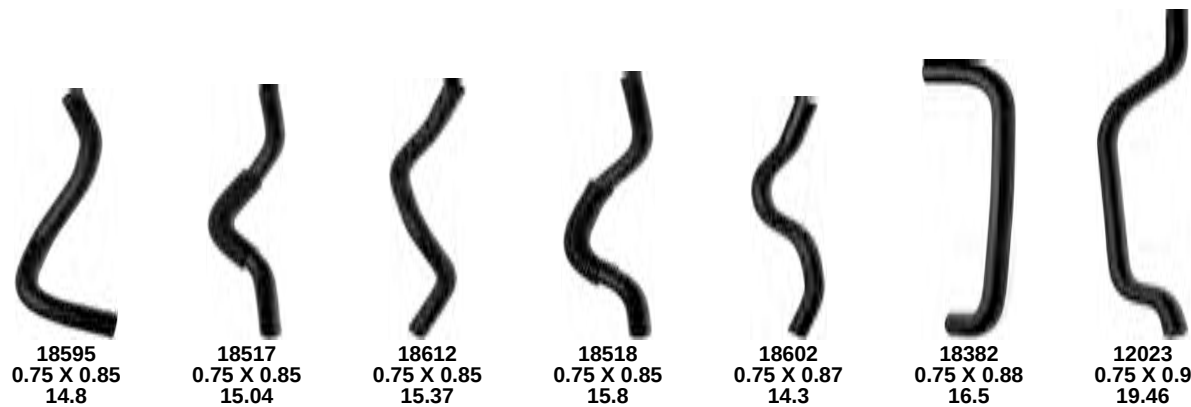
648



649



650



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

**651**



12029  
0.75 X 0.92  
26.9



12003  
0.75 X 0.93  
13.88



19987  
0.75 X 0.94  
4.8



18065  
0.75 X 0.94  
8.9



18066  
0.75 X 0.94  
10.2



12025  
0.75 X 0.94  
18.3



12027  
0.75 X 0.94  
20.31

**652**



19786  
0.75 X 0.95  
15.5



19706  
0.75 X 0.95  
16.4



19992  
0.75 X 0.96  
5.27



12018  
0.75 X 0.96  
13.13



19948  
0.75 X 0.96  
15.6



19952  
0.75 X 0.96  
28.74



19978  
0.75 X 0.98  
19.4

**653**



12037  
0.75 X 0.98  
29.1



12032  
0.75 X 0.98  
33.6



19986  
0.75 X 1  
13.65



19726  
0.75 X 1  
27.3



19796  
0.76  
5.1



19834  
0.76  
9.4



19784  
0.76  
9.8



19795  
0.76  
9.9

**654**



19785  
0.76  
11.1



19799  
0.76  
13.2



19709  
0.76  
13.6



19817  
0.76  
15.2



19711  
0.76  
15.3



19793  
0.76  
17.6



19789  
0.76  
17.7

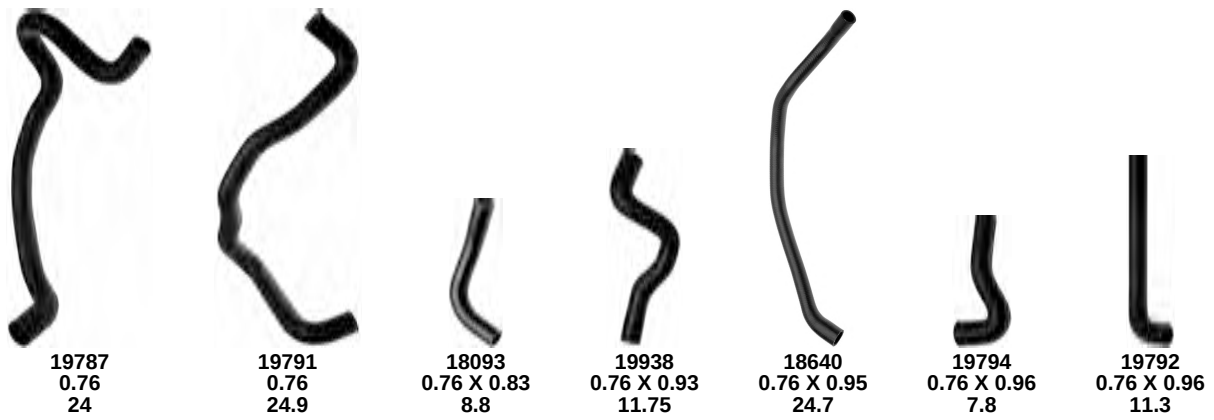
## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

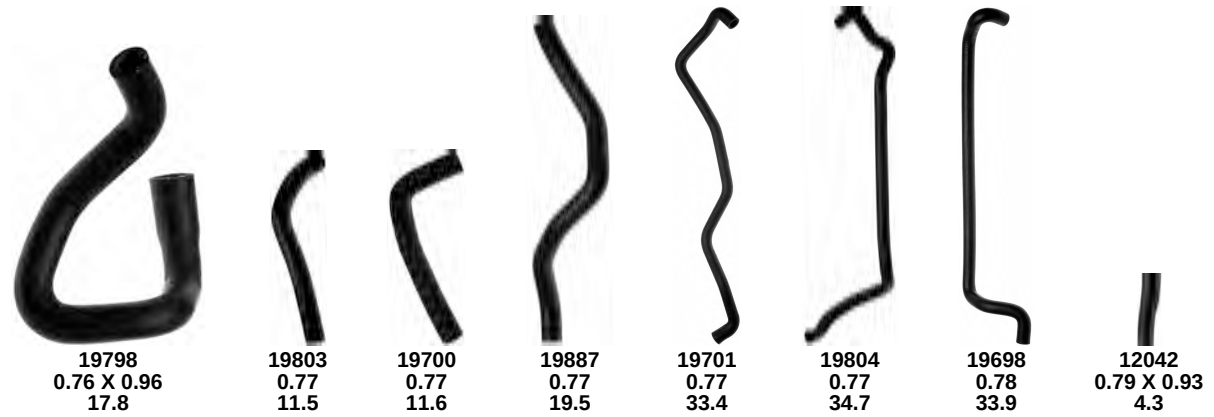
655



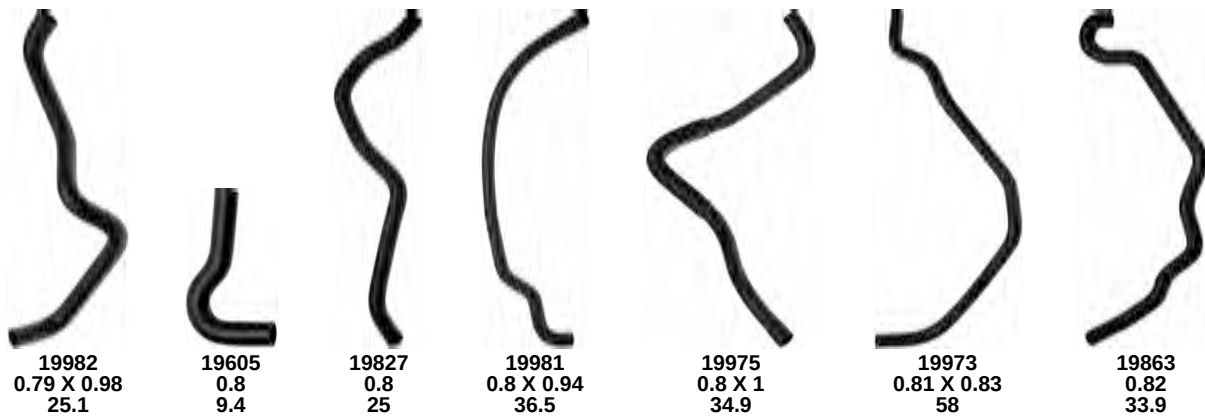
656



657



658



## Heater Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

659



660



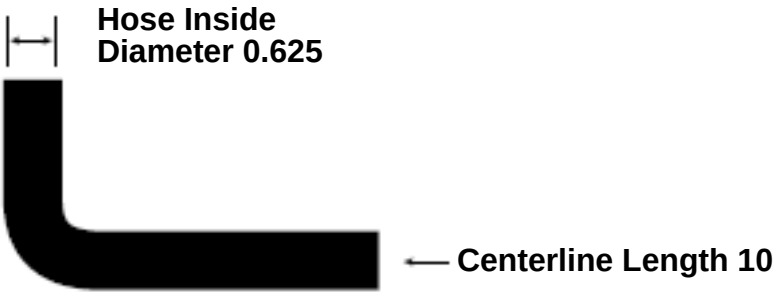
# NOTES

[illegible]

# 90 Degrees Hose Dimensions

Listed in order of smallest ID (inches) to largest ID. Number below part number is hose ID.  
Number below ID indicates hose center line length (inches).

EXAMPLE:  
9807 Part Number  
0.625 Inside Diameter  
10 Centerline Length



## 90 Degrees Hose Dimensions

Listed in order by Inside Diameter (inches) and Length (inches)

|     |                                                                                       |       |       |    |
|-----|---------------------------------------------------------------------------------------|-------|-------|----|
| 661 |      | 28460 | 0.5   | 10 |
|     |      | 28461 | 0.5   | 16 |
|     |      | 28462 | 0.5   | 22 |
|     |      | 28463 | 0.5   | 26 |
|     |      | 28464 | 0.5   | 28 |
|     |      | 28465 | 0.5   | 40 |
|     |    | 28466 | 0.625 | 10 |
|     |    | 28467 | 0.625 | 16 |
|     |    | 28468 | 0.625 | 22 |
|     |    | 28469 | 0.625 | 26 |
| 662 |    | 28470 | 0.625 | 28 |
|     |    | 28471 | 0.625 | 40 |
|     |    | 28472 | 0.625 | 52 |
|     |    | 28473 | 0.625 | 64 |
|     |    | 28474 | 0.75  | 10 |
|     |    | 28475 | 0.75  | 16 |
|     |  | 28476 | 0.75  | 22 |
|     |  | 28477 | 0.75  | 28 |
|     |  | 28478 | 0.75  | 32 |
|     |  | 28479 | 0.75  | 40 |
| 663 |  | 28480 | 0.75  | 52 |
|     |  | 28481 | 0.75  | 64 |