



A513 DOM Tubing Working Pressure

| Tube O.D. (in) | Tube Wall Thickness (in) | Tube I.D. (in) | Burst Pressure (psi) | Working Pressure (psi) |
|----------------|--------------------------|----------------|----------------------|------------------------|
| 0.375 | 0.049 | 0.277 | 21088 | 5272 |
| 0.375 | 0.065 | 0.245 | 29634 | 7409 |
| 0.375 | 0.083 | 0.209 | 40698 | 10175 |
| 0.375 | 0.095 | 0.185 | 49190 | 12298 |
| 0.500 | 0.049 | 0.402 | 15188 | 3797 |
| 0.500 | 0.065 | 0.370 | 20962 | 5241 |
| 0.500 | 0.083 | 0.334 | 28089 | 7022 |
| 0.500 | 0.095 | 0.310 | 33280 | 8320 |
| 0.500 | 0.120 | 0.260 | 52164 | 13041 |
| 0.625 | 0.049 | 0.527 | 11873 | 2968 |
| 0.625 | 0.065 | 0.495 | 16235 | 4059 |
| 0.625 | 0.083 | 0.459 | 21491 | 5373 |
| 0.625 | 0.095 | 0.435 | 25230 | 6308 |
| 0.625 | 0.109 | 0.407 | 29862 | 7465 |
| 0.625 | 0.120 | 0.385 | 38650 | 9662 |
| 0.750 | 0.049 | 0.652 | 9749 | 2437 |
| 0.750 | 0.065 | 0.620 | 13252 | 3313 |
| 0.750 | 0.083 | 0.584 | 17417 | 4354 |
| 0.750 | 0.095 | 0.560 | 20338 | 5085 |
| 0.750 | 0.109 | 0.532 | 23909 | 5977 |
| 0.750 | 0.120 | 0.510 | 30765 | 7691 |
| 0.875 | 0.049 | 0.777 | 8270 | 2067 |
| 0.875 | 0.065 | 0.745 | 11197 | 2799 |
| 0.875 | 0.083 | 0.709 | 14645 | 3661 |
| 0.875 | 0.095 | 0.685 | 17043 | 4261 |
| 0.875 | 0.109 | 0.657 | 19948 | 4987 |
| 0.875 | 0.120 | 0.635 | 25574 | 6394 |
| 0.875 | 0.156 | 0.563 | 35175 | 8794 |
| 0.875 | 0.188 | 0.499 | 44801 | 11200 |
| 1.000 | 0.049 | 0.902 | 7180 | 1795 |
| 1.000 | 0.065 | 0.870 | 9695 | 2424 |
| 1.000 | 0.083 | 0.834 | 12637 | 3159 |
| 1.000 | 0.095 | 0.810 | 14670 | 3668 |
| 1.000 | 0.109 | 0.782 | 17119 | 4280 |
| 1.000 | 0.120 | 0.760 | 21892 | 5473 |
| 1.000 | 0.156 | 0.688 | 29832 | 7458 |
| 1.000 | 0.188 | 0.624 | 37620 | 9405 |
| 1.250 | 0.065 | 1.120 | 7645 | 1911 |
| 1.250 | 0.083 | 1.084 | 9920 | 2480 |
| 1.250 | 0.095 | 1.060 | 11478 | 2870 |
| 1.250 | 0.109 | 1.032 | 13342 | 3335 |
| 1.250 | 0.120 | 1.010 | 17007 | 4252 |
| 1.250 | 0.156 | 0.938 | 22906 | 5727 |
| 1.250 | 0.188 | 0.874 | 28544 | 7136 |
| 1.250 | 0.250 | 0.750 | 40749 | 10187 |
| 1.500 | 0.065 | 1.370 | 6311 | 1578 |
| 1.500 | 0.083 | 1.334 | 8165 | 2041 |
| 1.500 | 0.095 | 1.310 | 9429 | 2357 |
| 1.500 | 0.109 | 1.282 | 10933 | 2733 |
| 1.500 | 0.120 | 1.260 | 13908 | 3477 |
| 1.500 | 0.156 | 1.188 | 18602 | 4651 |
| 1.500 | 0.188 | 1.124 | 23020 | 5755 |
| 1.500 | 0.250 | 1.000 | 32344 | 8086 |
| 1.750 | 0.065 | 1.620 | 5374 | 1343 |
| 1.750 | 0.083 | 1.584 | 6938 | 1735 |
| 1.750 | 0.095 | 1.560 | 8001 | 2000 |
| 1.750 | 0.109 | 1.532 | 9262 | 2316 |
| 1.750 | 0.120 | 1.510 | 11767 | 2942 |
| 1.750 | 0.156 | 1.438 | 15664 | 3916 |
| 1.750 | 0.188 | 1.374 | 19296 | 4824 |
| 1.750 | 0.250 | 1.250 | 26841 | 6710 |
| 2.000 | 0.065 | 1.870 | 4679 | 1170 |
| 2.000 | 0.083 | 1.834 | 6032 | 1508 |
| 2.000 | 0.095 | 1.810 | 6949 | 1737 |
| 2.000 | 0.120 | 1.760 | 10197 | 2549 |
| 2.000 | 0.125 | 1.750 | 10652 | 2663 |
| 2.000 | 0.156 | 1.688 | 13529 | 3382 |
| 2.000 | 0.188 | 1.624 | 16613 | 4153 |
| 2.000 | 0.250 | 1.500 | 22949 | 5737 |
| 2.250 | 0.065 | 2.120 | 4143 | 1036 |
| 2.250 | 0.083 | 2.084 | 5336 | 1334 |
| 2.250 | 0.095 | 2.060 | 6142 | 1536 |
| 2.250 | 0.109 | 2.032 | 7095 | 1774 |
| 2.250 | 0.120 | 2.010 | 8998 | 2249 |
| 2.250 | 0.156 | 1.938 | 11908 | 2977 |
| 2.250 | 0.188 | 1.874 | 14587 | 3647 |
| 2.250 | 0.250 | 1.750 | 20048 | 5012 |
| 2.500 | 0.065 | 2.370 | 3718 | 929 |
| 2.500 | 0.083 | 2.334 | 4783 | 1196 |
| 2.500 | 0.095 | 2.310 | 5503 | 1376 |
| 2.500 | 0.120 | 2.260 | 8051 | 2013 |
| 2.500 | 0.156 | 2.188 | 10634 | 2658 |
| 2.500 | 0.188 | 2.124 | 13002 | 3250 |
| 2.500 | 0.250 | 2.000 | 17800 | 4450 |

J524 Seamless / J525 Welded Tubing Working Pressure

| Tube O.D. (in) | Tube Wall Thickness (in) | Tube I.D. (in) | Burst Pressure (psi) | Working Pressure (psi) |
|----------------|--------------------------|----------------|----------------------|------------------------|
| 0.250 | 0.035 | 0.180 | 14770 | 3693 |
| 0.250 | 0.049 | 0.152 | 22372 | 5593 |
| 0.250 | 0.065 | 0.120 | 33001 | 8250 |
| 0.375 | 0.035 | 0.305 | 9290 | 2322 |
| 0.375 | 0.049 | 0.277 | 13619 | 3405 |
| 0.375 | 0.065 | 0.245 | 19139 | 4785 |
| 0.375 | 0.083 | 0.209 | 26284 | 6571 |
| 0.500 | 0.035 | 0.430 | 6781 | 1695 |
| 0.500 | 0.049 | 0.402 | 9809 | 2452 |
| 0.500 | 0.065 | 0.370 | 13538 | 3385 |
| 0.500 | 0.083 | 0.334 | 18141 | 4535 |
| 0.500 | 0.095 | 0.310 | 21493 | 5373 |
| 0.625 | 0.049 | 0.527 | 7668 | 1917 |
| 0.625 | 0.065 | 0.495 | 10485 | 2621 |
| 0.625 | 0.083 | 0.459 | 13880 | 3470 |
| 0.625 | 0.095 | 0.435 | 16294 | 4074 |
| 0.625 | 0.109 | 0.407 | 19286 | 4821 |
| 0.750 | 0.049 | 0.652 | 6296 | 1574 |
| 0.750 | 0.065 | 0.620 | 8559 | 2140 |
| 0.750 | 0.083 | 0.584 | 11248 | 2812 |
| 0.750 | 0.095 | 0.560 | 13135 | 3284 |
| 0.750 | 0.109 | 0.532 | 15441 | 3860 |
| 0.750 | 0.120 | 0.510 | 17340 | 4335 |
| 0.875 | 0.049 | 0.777 | 5341 | 1335 |
| 0.875 | 0.065 | 0.745 | 7232 | 1808 |
| 0.875 | 0.083 | 0.709 | 9459 | 2365 |
| 0.875 | 0.095 | 0.685 | 11007 | 2752 |
| 1.000 | 0.049 | 0.902 | 4637 | 1159 |
| 1.000 | 0.065 | 0.870 | 6261 | 1565 |
| 1.000 | 0.083 | 0.834 | 8162 | 2040 |
| 1.000 | 0.095 | 0.810 | 9474 | 2369 |
| 1.000 | 0.109 | 0.782 | 11056 | 2764 |
| 1.000 | 0.120 | 0.760 | 12339 | 3085 |
| 1.250 | 0.065 | 1.120 | 4937 | 1234 |
| 1.250 | 0.095 | 1.060 | 7413 | 1853 |
| 1.250 | 0.109 | 1.032 | 8617 | 2154 |
| 1.250 | 0.120 | 1.010 | 9586 | 2396 |
| 1.500 | 0.065 | 1.370 | 4076 | 1019 |
| 1.500 | 0.095 | 1.310 | 6090 | 1522 |
| 1.500 | 0.109 | 1.282 | 7061 | 1765 |
| 1.500 | 0.120 | 1.260 | 7839 | 1960 |
| 1.500 | 0.134 | 1.232 | 8850 | 2212 |
| 1.750 | 0.134 | 1.482 | 7474 | 1868 |
| 2.000 | 0.065 | 1.870 | 3022 | 755 |
| 2.000 | 0.120 | 1.760 | 5748 | 1437 |
| 2.250 | 0.065 | 2.120 | 2676 | 669 |
| 2.500 | 0.065 | 2.370 | 2401 | 600 |
| 2.500 | 0.120 | 2.260 | 4538 | 1134 |

304L / 316L Stainless Steel Tubing Working Pressure

| Tube O.D. (in) | Tube Wall Thickness (in) | Tube I.D. (in) | D/T Ratio | Burst Pressure (psi) | Working Pressure (psi) |
|----------------|--------------------------|----------------|-----------|----------------------|------------------------|
| 0.250 | 0.025 | 0.200 | 10.0 | 15441 | 3860 |
| 0.250 | 0.028 | 0.194 | 8.9 | 17466 | 4367 |
| 0.250 | 0.035 | 0.180 | 7.1 | 22311 | 5578 |
| 0.250 | 0.049 | 0.152 | 5.1 | 32373 | 8093 |
| 0.250 | 0.065 | 0.120 | 3.8 | 43999 | 11000 |
| 0.375 | 0.035 | 0.305 | 10.7 | 14331 | 3583 |
| 0.375 | 0.049 | 0.277 | 7.7 | 20679 | 5170 |
| 0.375 | 0.065 | 0.245 | 5.8 | 28257 | 7064 |
| 0.375 | 0.083 | 0.209 | 4.5 | 37000 | 9250 |
| 0.500 | 0.049 | 0.402 | 10.2 | 15107 | 3777 |
| 0.500 | 0.065 | 0.370 | 7.7 | 20563 | 5141 |
| 0.500 | 0.083 | 0.334 | 6.0 | 26935 | 6734 |
| 0.500 | 0.095 | 0.310 | 5.3 | 31280 | 7820 |
| 0.500 | 0.109 | 0.282 | 4.6 | 36391 | 9098 |
| 0.625 | 0.049 | 0.527 | 12.8 | 11882 | 2971 |
| 0.625 | 0.065 | 0.495 | 9.6 | 16113 | 4028 |
| 0.625 | 0.083 | 0.459 | 7.5 | 21051 | 5263 |
| 0.625 | 0.095 | 0.435 | 6.6 | 24432 | 6108 |
| 0.625 | 0.109 | 0.407 | 5.7 | 28449 | 7112 |
| 0.625 | 0.120 | 0.385 | 5.2 | 31644 | 7911 |
| 0.750 | 0.049 | 0.652 | 15.3 | 9786 | 2447 |
| 0.750 | 0.065 | 0.620 | 11.5 | 13231 | 3308 |
| 0.750 | 0.083 | 0.584 | 9.0 | 17240 | 4310 |
| 0.750 | 0.095 | 0.560 | 7.9 | 19985 | 4996 |
| 0.750 | 0.109 | 0.532 | 6.9 | 23251 | 5813 |
| 0.750 | 0.120 | 0.510 | 6.3 | 25859 | 6465 |
| 0.750 | 0.156 | 0.438 | 4.8 | 34564 | 8641 |
| 0.750 | 0.188 | 0.374 | 4.0 | 42326 | 10582 |
| 0.875 | 0.049 | 0.777 | 17.9 | 8317 | 2079 |
| 0.875 | 0.065 | 0.745 | 13.5 | 11217 | 2804 |
| 0.875 | 0.083 | 0.709 | 10.5 | 14584 | 3646 |
| 0.875 | 0.095 | 0.685 | 9.2 | 16884 | 4221 |
| 0.875 | 0.109 | 0.657 | 8.0 | 19622 | 4906 |
| 0.875 | 0.120 | 0.635 | 7.3 | 21810 | 5452 |
| 0.875 | 0.156 | 0.563 | 5.6 | 29152 | 7288 |
| 0.875 | 0.188 | 0.499 | 4.7 | 35817 | 8954 |
| 1.000 | 0.049 | 0.902 | 20.4 | 6894 | 1723 |
| 1.000 | 0.065 | 0.870 | 15.4 | 9733 | 2433 |
| 1.000 | 0.083 | 0.834 | 12.0 | 12630 | 3158 |
| 1.000 | 0.095 | 0.810 | 10.5 | 14607 | 3652 |
| 1.000 | 0.109 | 0.782 | 9.2 | 16957 | 4239 |
| 1.000 | 0.120 | 0.760 | 8.3 | 18834 | 4709 |
| 1.000 | 0.156 | 0.688 | 6.4 | 25145 | 6286 |
| 1.000 | 0.188 | 0.624 | 5.3 | 30916 | 7729 |
| 1.000 | 0.250 | 0.500 | 4.0 | 42206 | 10552 |
| 1.250 | 0.049 | 1.152 | 25.5 | 5515 | 1379 |
| 1.250 | 0.065 | 1.120 | 19.2 | 7694 | 1923 |
| 1.250 | 0.083 | 1.084 | 15.1 | 9956 | 2489 |
| 1.250 | 0.095 | 1.060 | 13.2 | 11494 | 2873 |
| 1.250 | 0.109 | 1.032 | 11.5 | 13318 | 3330 |
| 1.250 | 0.120 | 1.010 | 10.4 | 14774 | 3693 |
| 1.250 | 0.156 | 0.938 | 8.0 | 19662 | 4915 |
| 1.250 | 0.188 | 0.874 | 6.6 | 24148 | 6037 |
| 1.250 | 0.250 | 0.750 | 5.0 | 33103 | 8276 |
| 1.500 | 0.049 | 1.402 | 30.6 | 4596 | 1149 |
| 1.500 | 0.065 | 1.370 | 23.1 | 6096 | 1524 |
| 1.500 | 0.083 | 1.334 | 18.1 | 8212 | 2053 |
| 1.500 | 0.095 | 1.310 | 15.8 | 9469 | 2367 |
| 1.500 | 0.109 | 1.282 | 13.8 | 10957 | 2739 |
| 1.500 | 0.120 | 1.260 | 12.5 | 12142 | 3035 |
| 1.500 | 0.156 | 1.188 | 9.6 | 16113 | 4028 |
| 1.500 | 0.188 | 1.124 | 8.0 | 19754 | 4938 |
| 1.500 | 0.250 | 1.000 | 6.0 | 27055 | 6764 |
| 1.750 | 0.049 | 1.652 | 35.714 | 3939 | 985 |
| 1.750 | 0.065 | 1.620 | 26.923 | 5226 | 1306 |
| 1.750 | 0.083 | 1.584 | 21.084 | 6673 | 1668 |
| 1.750 | 0.095 | 1.560 | 18.421 | 8049 | 2012 |
| 1.750 | 0.109 | 1.532 | 16.055 | 9304 | 2326 |
| 1.750 | 0.120 | 1.510 | 14.583 | 10301 | 2575 |
| 1.750 | 0.156 | 1.438 | 11.218 | 13638 | 3409 |
| 1.750 | 0.188 | 1.374 | 9.309 | 16691 | 4173 |
| 1.750 | 0.250 | 1.250 | 7.000 | 22814 | 5704 |
| 2.000 | 0.049 | 1.902 | 40.8 | 3447 | 862 |
| 2.000 | 0.065 | 1.870 | 30.8 | 4572 | 1143 |
| 2.000 | 0.083 | 1.834 | 24.1 | 5839 | 1460 |
| 2.000 | 0.0 | | | | |