



Theoretical Working Pressure (psi)

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| Nominal O.D. | Outside Diameter Inch | Outside Diameter MM | 0.025" (0.635 mm) | | | 0.028" (0.76 mm) | | | 0.035" (0.9 mm) | | | 0.039" (1mm) | | 0.042" (1.07mm) | | 0.049" (1.25 mm) | | 0.055" (1.4mm) | | 0.060" (1.5mm) | | 0.065" (1.65mm) | | .073" (1.85mm) | | 0.080" (2.0mm) | | 0.087" (2.2MM) | | 0.090" (2.3MM) | | | | | |
|-----------------|--------------------------|------------------------|-------------------|----|-----|------------------|----|-----|-----------------|-----|------|--------------|------|-----------------|----|------------------|------|----------------|----|----------------|----|-----------------|----|----------------|----|----------------|------|----------------|----|----------------|----|-----|--|--|--|
| | | | PL | Cu | AGE | PL | Cu | AGE | PL | AGE | PL | AGE | PL | AGE | PL | AGE | PL | AGE | PL | AGE | PL | AGE | PL | AGE | PL | AGE | PL | AGE | PL | AGE | PL | AGE | | | |
| 5/32" | 0.1563 | 3.97 | | | | 4049 | | | 4658 | | | 6236 | | | | | | | | | | | | | | | | | | | | | | | |
| 3/16" | 0.1875 | 4.76 | | | | 3257 | | | 3725 | | | 4907 | | | | | | | | | | | | | | | | | | | | | | | |
| 6 mm | 0.2362 | 6.00 | | | | 2498 | | | 2841 | | | 3691 | 4209 | | | | | | | | | | | | | | | | | | | | | | |
| 1/4" | 0.2500 | 6.35 | | | | 2343 | | | 2663 | | | 3449 | 3927 | | | | | | | | | | | | | | | | | | | | | | |
| 7mm | 0.2756 | 7.00 | | | | 2102 | | | 2385 | | | 3077 | 3410 | 3817 | | 4614 | | | | | | | | | | | | | | | | | | | |
| 9/32" | 0.2813 | 7.14 | | | | 2055 | | | 2331 | | | 3005 | 3410 | 3725 | | 4498 | | | | | | | | | | | | | | | | | | | |
| 5/16" | 0.3125 | 7.94 | | | | 1831 | | | 2073 | | | 2663 | 3015 | 3951 | | 4556 | 4556 | 5087 | | 5647 | | | | | | | | | | | | | | | |
| 8mm | 0.3150 | 8.00 | | | | 1815 | | | 2055 | | | 2639 | 2987 | 3257 | | 3913 | 4510 | 685.1 | | 5588 | | | | | | | | | | | | | | | |
| 3/8" | 0.3750 | 9.53 | | | | 1503 | | | 1698 | | | 2169 | 2449 | 2663 | | 3181 | 3646 | 4049 | | 4470 | | | | | | | | | | | | | | | |
| 10mm | 0.3937 | 10.00 | | | | | | | 1611 | | 1611 | 2056 | 2318 | 2520 | | 2725 | 3441 | 3817 | | 4208 | | | | | | | | | | | | | | | |
| 7/16" | 0.4375 | 11.11 | | | | | | | 1438 | | 1438 | 1831 | 2062 | 2239 | | 2663 | 3041 | 3366 | | 3702 | | | | | | | | | | | | | | | |
| 12mm | 0.4724 | 12.00 | | | | | | | 1325 | | 1325 | 1684 | 1895 | 2056 | | 2441 | 2783 | 3077 | | 3379 | | | | | | | | | | | | | | | |
| 1/2" | 0.5000 | 12.70 | | | | | | | 1247 | | 1247 | 1584 | 1781 | 1931 | | 2291 | 2609 | 2882 | | 3162 | | | | | | | | | | | | | | | |
| 13mm | 0.5118 | 13.00 | | | | | | | 1217 | | 1217 | 1544 | 1736 | 1882 | | 2232 | 2541 | 2805 | | 3077 | | | | | | | | | | | | | | | |
| 17/32" | 0.5313 | 13.49 | | | | | | | 1185 | | 1185 | 1484 | 1667 | 1807 | | 2141 | 2436 | 2688 | | 2947 | | | | | | 3374 | | | | | | | | | |
| 15mm | 0.5906 | 15.00 | | | | | | | 1046 | | 1046 | 1325 | 1487 | 1611 | | 1905 | 2164 | 2385 | | 2610 | | | | | | | 3318 | | | | | | | | |
| 5/8" | 0.6250 | 15.88 | | | | | | | 986 | | 986 | 1247 | 1400 | 1515 | | 1791 | 2033 | 2239 | | 2449 | | | | | | | 2794 | | | | | | | | |
| 16mm | 0.6299 | 16.00 | | | | | | | 978 | | 978 | 1237 | 1388 | 1503 | | 1776 | 2015 | 2219 | | 2427 | | | | | | | 2769 | | | | | | | | |
| 17mm | 0.6693 | 17.00 | | | | | | | 917 | | 917 | 1160 | 1301 | 1408 | | 1662 | 1885 | 2075 | | 2268 | | | | | | | 2584 | | | | | | | | |
| 18mm | 0.7087 | 18.00 | | | | | | | | | | 1092 | 1224 | 1325 | | 1563 | 1771 | 1948 | | 2128 | | | | | | | 2422 | | | | | | | | |
| 18.9mm | 0.7460 | 18.95 | | | | | | | | | | | | | | | 1675 | 1841 | | 2011 | | | | | | 2287 | | | | | | | | | |
| 3/4" | 0.7500 | 19.05 | | | | 815 | | | | | | 1029 | 1160 | 1153 | | 1254 | 1479 | 1665 | | 1831 | | | | | | 2273 | | | | | | | | | |
| 13/16" | 0.8125 | 20.64 | | | | | | | | | | | 1060 | 1146 | | 1247 | 1350 | 1527 | | 1678 | | | | | | | 1831 | | | | | | | | |
| 22mm | 0.8661 | 22.00 | | | | | | | | | | | 991 | 1071 | | 1261 | 1350 | 1426 | | 1566 | | | | | | | 1708 | | | | | | | | |
| 7/8" | 0.8750 | 22.23 | | | | | | | | | | | 980 | 1060 | | 1247 | 1350 | 1411 | | 1549 | | | | | | | 1689 | | | | | | | | |
| 15/16" | 0.9375 | 23.81 | | | | | | | | | | | 912 | 986 | | 1159 | 1095 | 1159 | | 1310 | | | | | | | 1438 | | | | | | | | |
| 990" | 0.9900 | 25.15 | | | | | | | | | | | 862 | 931 | | 1095 | 1237 | 1357 | | 1478 | | | | | | | 1675 | | | | | | | | |
| 995" | 0.9950 | 25.27 | | | | | | | | | | | 857 | 926 | | 1089 | 1230 | 1349 | | 1470 | | | | | | | 1666 | | | | | | | | |
| 1" | 1.0000 | 25.40 | | | | | | | | | | | | | | 1083 | 1224 | 1342 | | 1462 | | | | | | | 1657 | | | | | | | | |
| 1-1/32" | 1.0313 | 26.20 | | | | | | | | | | | | | | 1048 | 1184 | 1299 | | 1415 | | | | | | | 1603 | | | | | | | | |
| 1-1/16" | 1.0625 | 26.99 | | | | | | | | | | | | | | 1016 | 1148 | 1258 | | 1370 | | | | | | | 1552 | | | | | | | | |
| 1-1/8" | 1.1250 | 28.58 | | | | | | | | | | | | | | 957 | 1080 | 1184 | | 1289 | | | | | | | 1460 | | | | | | | | |
| 1-1/4" | 1.2500 | 31.75 | | | | | | | | | | | | | | 857 | 967 | 1060 | | 1153 | | | | | | | 1304 | | | | | | | | |
| 1-5/16" | 1.3125 | 33.34 | | | | | | | | | | | | | | 815 | 919 | 1007 | | 1095 | | | | | | | 1238 | | | | | | | | |
| 1-3/8" | 1.3750 | 34.93 | | | | | | | | | | | | | | 776 | 876 | 959 | | 1043 | | | | | | | 1179 | | | | | | | | |
| 1-1/2" | 1.5000 | 38.10 | | | | | | | | | | | | | | 709 | 800 | 876 | | 952 | | | | | | | 1075 | | | | | | | | |

Standard Product
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