

TUBE BURST CHART



The information presented below are typical or average values and are not a guarantee of maximum or minimum values

| Tube Size | DATA | 0.016 | 0.02 | 0.028 | 0.035 | 0.049 | 0.065 | 0.083 | 0.095 | 0.109 | 0.12 | 0.134 | 0.156 | 0.188 | 0.25 | 0.313 | 0.375 | 0.5 | 0.75 | | |
|-----------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|
| 1/16 | PRESSURE | 38,400 | 48,800 | | | | | | | | | | | | | | | | | | |
| | WT/FT. | 0.008 | 0.009 | | | | | | | | | | | | | | | | | | |
| 1/8 | PRESSURE | 19,200 | 24,000 | 39,000 | 42,000 | 58,800 | | | | | | | | | | | | | | | |
| | WT/FT. | 0.019 | 0.022 | 0.029 | 0.033 | 0.04 | | | | | | | | | | | | | | | |
| 3/16 | PRESSURE | 12,800 | 15,998 | 22,403 | 29,498 | 39,203 | 51,863 | | | | | | | | | | | | | | |
| | WT/FT. | 0.029 | 0.035 | 0.047 | 0.057 | 0.073 | 0.083 | | | | | | | | | | | | | | |
| 1/4 | PRESSURE | | 12,000 | 16,800 | 21,000 | 29,400 | 39,000 | 49,800 | 57,000 | | | | | | | | | | | | |
| | WT/FT. | | 0.049 | 0.066 | 0.08 | 0.105 | 0.128 | 0.148 | 0.157 | | | | | | | | | | | | |
| 5/16 | PRESSURE | | 9,600 | 13,400 | 16,800 | 23,520 | 31,200 | 39,780 | 45,750 | | | | | | | | | | | | |
| | WT/FT. | | 0.062 | 0.085 | 0.103 | 0.138 | 0.172 | 0.203 | 0.221 | | | | | | | | | | | | |
| 3/8 | PRESSURE | | 8,003 | 11,998 | 14,003 | 19,598 | 26,003 | 33,203 | 38,003 | 43,598 | 48,000 | | | | | | | | | | |
| | WT/FT. | | 0.075 | 0.103 | 0.127 | 0.17 | 0.215 | 0.258 | 0.284 | 0.309 | 0.326 | | | | | | | | | | |
| 7/16 | PRESSURE | | 6,857 | 9,600 | 12,000 | 16,800 | 22,285 | 28,457 | 32,571 | 37,371 | 41,143 | | | | | | | | | | |
| | WT/FT. | | 0.089 | 0.123 | 0.151 | 0.204 | 0.259 | 0.315 | 0.348 | 0.383 | 0.408 | | | | | | | | | | |
| 1/2 | PRESSURE | | 6,000 | 8,400 | 10,500 | 14,700 | 19,500 | 24,900 | 28,500 | 32,700 | 36,000 | | | | | | | | | | |
| | WT/FT. | | 0.102 | 0.141 | 0.173 | 0.236 | 0.302 | 0.369 | 0.418 | 0.455 | 0.487 | | | | | | | | | | |
| 9/16 | PRESSURE | | 5,333 | 7,467 | 9,333 | 13,067 | 17,333 | 22,133 | 25,333 | 29,066 | 32,000 | | | | | | | | | | |
| | WT/FT. | | 0.116 | 0.16 | 0.197 | 0.269 | 0.346 | 0.426 | 0.475 | 0.529 | 0.568 | | | | | | | | | | |
| 5/8 | PRESSURE | | 4,800 | 6,720 | 8,400 | 11,760 | 15,600 | 19,900 | 22,888 | 26,160 | 28,800 | 32,160 | 37,440 | 44,880 | | | | | | | |
| | WT/FT. | | 0.129 | 0.178 | 0.221 | 0.301 | 0.388 | 0.48 | 0.573 | 0.6 | 0.647 | 0.703 | 0.781 | 0.877 | | | | | | | |
| 3/4 | PRESSURE | | 3,998 | 5,603 | 6,998 | 9,803 | 12,997 | 16,598 | 18,998 | 21,803 | 24,000 | 26,800 | 31,200 | 37,403 | | | | | | | |
| | WT/FT. | | 0.155 | 0.215 | 0.267 | 0.366 | 0.475 | 0.591 | 0.664 | 0.746 | 0.807 | 0.882 | 0.99 | 1.128 | | | | | | | |
| 7/8 | PRESSURE | | 3,428 | 4,800 | 6,000 | 8,400 | 11,145 | 14,228 | 16,283 | 18,683 | 20,573 | 22,971 | 26,745 | 32,055 | | | | | | | |
| | WT/FT. | | 0.183 | 0.253 | 0.314 | 0.432 | 0.562 | 0.702 | 0.791 | 0.891 | 0.968 | 1.061 | 1.198 | 1.379 | | | | | | | |
| 1 | PRESSURE | | 3,000 | 4,200 | 5,250 | 7,350 | 9,750 | 12,450 | 14,250 | 16,350 | 18,000 | 20,100 | 23,400 | 28,050 | 37,500 | | | | | | |
| | WT/FT. | | 0.209 | 0.29 | 0.36 | 0.497 | 0.649 | 0.812 | 0.918 | 1.037 | 1.128 | 1.239 | 1.406 | 1.63 | 2.003 | | | | | | |
| 1-1/8 | PRESSURE | | 2,663 | 3,735 | 4,665 | 6,533 | 8,670 | 11,070 | 12,668 | 14,535 | 15,998 | 17,866 | 20,798 | 24,930 | 33,330 | | | | | | |
| | WT/FT. | | 0.236 | 0.328 | 0.407 | 0.563 | 0.736 | 0.923 | 1.045 | 1.183 | 1.288 | 1.418 | 1.614 | 1.881 | 2.336 | | | | | | |
| 1-1/4 | PRESSURE | | 2,400 | 3,360 | 4,200 | 5,880 | 7,800 | 9,960 | 11,400 | 13,080 | 14,400 | 16,080 | 18,720 | 22,440 | 30,000 | | | | | | |
| | WT/FT. | | 0.262 | 0.365 | 0.454 | 0.628 | 0.822 | 1.034 | 1.172 | 1.328 | 1.448 | 1.597 | 1.823 | 2.132 | 2.67 | | | | | | |
| 1-3/8 | PRESSURE | | | 3,053 | 3,818 | 5,348 | 7,087 | 9,053 | 10,365 | 11,888 | 13,088 | 14,618 | 17,018 | 20,400 | 27,270 | | | | | | |
| | WT/FT. | | | 0.402 | 0.501 | 0.694 | 0.909 | 1.145 | 1.299 | 1.473 | 1.608 | 1.776 | 2.031 | 2.383 | 3.004 | | | | | | |
| 1-1/2 | PRESSURE | | | 2,948 | 3,503 | 4,898 | 6,503 | 8,303 | 9,503 | 10,890 | 12,000 | 13,400 | 15,600 | 18,698 | 24,998 | | | | | | |
| | WT/FT. | | | 0.44 | 0.547 | 0.759 | 0.996 | 1.256 | 1.426 | 1.619 | 1.769 | 1.955 | 2.239 | 2.634 | 3.338 | | | | | | |
| 1-5/8 | PRESSURE | | | | 3,230 | 4,523 | 6,000 | 7,662 | 8,769 | 10,062 | 11,077 | 12,369 | 14,400 | 17,354 | 23,077 | | | | | | |
| | WT/FT. | | | | 0.594 | 0.825 | 1.083 | 1.367 | 1.552 | 1.765 | 1.929 | 2.134 | 2.447 | 2.885 | 3.671 | | | | | | |
| 1-3/4 | PRESSURE | | | | 3,000 | 4,200 | 5,573 | 7,118 | 8,145 | 9,345 | 10,283 | 11,486 | 13,373 | 16,028 | 21,428 | | | | | | |
| | WT/FT. | | | | 0.641 | 0.89 | 1.17 | 1.478 | 1.679 | 1.91 | 2.16 | 2.313 | 2.656 | 3.136 | 4.005 | | | | | | |
| 2 | PRESSURE | | | | 2,625 | 3,675 | 4,875 | 6,225 | 7,125 | 8,175 | 9,000 | 10,050 | 11,700 | 14,025 | 18,750 | 23,475 | 28,125 | 37,500 | | | |
| | WT/FT. | | | | 0.734 | 1.021 | 1.343 | 1.699 | 1.933 | 2.201 | 2.409 | 2.671 | 3.072 | 3.638 | 4.673 | 5.639 | 6.508 | 8.01 | | | |
| 2-1/4 | PRESSURE | | | | 2,333 | 3,270 | 4,335 | 5,535 | 6,330 | 7,268 | 8,003 | 8,933 | 10,403 | 12,465 | 16,665 | 20,865 | 24,998 | 33,330 | | | |
| | WT/FT. | | | | 0.828 | 1.152 | 1.517 | 1.921 | 2.25 | 2.556 | 2.73 | 3.028 | 3.489 | 4.14 | 5.34 | 6.475 | 7.509 | 9.345 | | | |
| 2-1/2 | PRESSURE | | | | 2,100 | 2,940 | 3,900 | 4,980 | 5,700 | 6,540 | 7,200 | 8,040 | 9,360 | 11,220 | 15,000 | 18,780 | 22,500 | 30,000 | | | |
| | WT/FT. | | | | 0.921 | 1.283 | 1.69 | 2.143 | 2.44 | 2.783 | 3.05 | 3.386 | 3.905 | 4.642 | 6.008 | 7.311 | 8.511 | 10.68 | | | |
| 2-3/4 | PRESSURE | | | | 1,913 | 2,670 | 3,548 | 4,530 | 5,183 | 5,948 | 6,548 | 7,309 | 8,513 | 10,200 | 13,636 | 17,070 | 20,453 | 27,270 | 40,913 | | |
| | WT/FT. | | | | 1.015 | 1.413 | 1.864 | 2.364 | 2.699 | 3.177 | 3.495 | 3.744 | 4.322 | 5.144 | 6.675 | 8.147 | 9.512 | 12.015 | 16.02 | | |
| 3 | PRESSURE | | | | 1,748 | 2,453 | 3,248 | 4,148 | 4,748 | 5,453 | 6,000 | 6,700 | 7,800 | 9,353 | 12,503 | 15,653 | 18,750 | 24,998 | 37,500 | | |
| | WT/FT. | | | | 1.108 | 1.544 | 2.037 | 2.586 | 2.947 | 3.393 | 3.691 | 4.102 | 4.739 | 5.646 | 7.343 | 8.982 | 10.513 | 13.35 | 18.02 | | |
| 3-1/4 | PRESSURE | | | | | | 3,000 | 3,838 | 4,388 | 5,033 | 5,535 | 6,185 | 7,200 | 8,633 | 11,535 | 14,445 | 17,310 | 23,078 | 34,613 | | |
| | WT/FT. | | | | | | 2.211 | 2.805 | 3.201 | 3.634 | 3.975 | 4.459 | 5.155 | 6.148 | 8.01 | 9.818 | 11.514 | 14.685 | 20.025 | | |
| 3-1/2 | PRESSURE | | | | | | 2,783 | 3,555 | 4,073 | 4,673 | 5,145 | 5,743 | 6,683 | 8,018 | 10,718 | 13,418 | 16,073 | 21,428 | 32,146 | | |
| | WT/FT. | | | | | | 2.385 | 3.029 | 3.455 | 3.976 | 4.385 | 4.817 | 5.571 | 6.65 | 8.678 | 10.65 | 12.515 | 16.02 | 22.027 | | |
| 3-3/4 | PRESSURE | | | | | | 2,603 | 3,323 | 3,803 | 4,358 | 4,800 | 5,360 | 6,240 | 7,478 | 9,998 | 12,518 | 15,000 | 20,003 | 30,000 | | |
| | WT/FT. | | | | | | 2.558 | 3.248 | 3.708 | 4.235 | 4.65 | 5.175 | 5.988 | 7.152 | 9.345 | 11.49 | 13.52 | 17.355 | 24.03 | | |
| 4 | PRESSURE | | | | | | 2,438 | 3,113 | 3,563 | 4,088 | 4,500 | 5,025 | 5,850 | 7,013 | 9,375 | 11,738 | 14,063 | 18,750 | 28,125 | | |
| | WT/FT. | | | | | | 2.732 | 3.472 | 3.962 | 4.53 | 4.973 | 5.533 | 6.404 | 7.654 | 10.01 | 12.33 | 14.52 | 18.69 | 26.03 | | |