

| S = 20000 | | Hemispherical Heads | | | | | | | | © 2003 Pressure Vessel Engineering Ltd. www.pveng.com | | | | | | | | | | |
|-----------------------|--------------------------|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|
| | | ASME VIII-1 UG-32(f), thickness as formed | | | | | | | | Phone: (519)-880-9808 Fax: (519) 880-9810 | | | | | | | | | | |
| Head Thickness | | 0.063 | 0.125 | 0.188 | 0.250 | 0.313 | 0.375 | 0.438 | 0.500 | 0.625 | 0.750 | 0.875 | 1.000 | 1.125 | 1.250 | 1.375 | 1.500 | 1.750 | 2.000 | Inch |
| 12" | Max PSI at E=1.00 | 420.2 | 847.5 | 1285.6 | 1724.1 | 2174 | 2632 | 3097 | 3571 | 4545 | 5556 | 6604 | 7692 | 8824 | 10000 | 11224 | 12500 | 15217 | 18182 | PSI |
| | Max PSI at E=0.85 | 357.1 | 720.3 | 1092.7 | 1465.5 | 1848 | 2237 | 2633 | 3036 | 3864 | 4722 | 5613 | 6538 | 7500 | 8500 | 9541 | 10625 | 12935 | 15455 | PSI |
| | Max PSI at E=0.70 | 294.1 | 593.2 | 899.9 | 1206.9 | 1522 | 1842 | 2168 | 2500 | 3182 | 3889 | 4623 | 5385 | 6176 | 7000 | 7857 | 8750 | 10652 | 12727 | PSI |
| | Volume | 0.25 | 0.25 | 0.24 | 0.23 | 0.22 | 0.22 | 0.21 | 0.20 | 0.19 | 0.18 | 0.16 | 0.15 | 0.14 | 0.13 | 0.12 | 0.11 | 0.09 | 0.08 | ft³ |
| | Weight | 4.0 | 7.9 | 11.7 | 10.7 | 13.4 | 16.0 | 18.7 | 21.4 | 26.7 | 32.1 | 37.4 | 42.8 | 48.1 | 53.5 | 58.8 | 64.2 | 74.8 | 86 | Lbs cs |
| 18" | Max PSI at E=1.00 | 279.3 | 561.8 | 849.8 | 1136.4 | 1429 | 1724 | 2023 | 2326 | 2941 | 3571 | 4217 | 4878 | 5556 | 6250 | 6962 | 7692 | 9211 | 10811 | PSI |
| | Max PSI at E=0.85 | 237.4 | 477.5 | 722.3 | 965.9 | 1214 | 1466 | 1720 | 1977 | 2500 | 3036 | 3584 | 4146 | 4722 | 5313 | 5918 | 6538 | 7829 | 9189 | PSI |
| | Max PSI at E=0.70 | 195.5 | 393.3 | 594.8 | 795.5 | 1000 | 1207 | 1416 | 1628 | 2059 | 2500 | 2952 | 3415 | 3889 | 4375 | 4873 | 5385 | 6447 | 7568 | PSI |
| | Volume | 0.87 | 0.85 | 0.83 | 0.81 | 0.79 | 0.78 | 0.76 | 0.74 | 0.71 | 0.68 | 0.65 | 0.62 | 0.59 | 0.56 | 0.54 | 0.51 | 0.46 | 0.42 | ft³ |
| | Weight | 9.0 | 17.8 | 26.6 | 24.1 | 30.1 | 36.1 | 42.1 | 48.1 | 60.1 | 72.2 | 84.2 | 96.2 | 108.3 | 120.3 | 132.3 | 144.3 | 168.4 | 192 | Lbs cs |
| 24" | Max PSI at E=1.00 | 209.2 | 420.2 | 634.6 | 847.5 | 1064 | 1282 | 1502 | 1724 | 2174 | 2632 | 3097 | 3571 | 4054 | 4545 | 5046 | 5556 | 6604 | 7692 | PSI |
| | Max PSI at E=0.85 | 177.8 | 357.1 | 539.4 | 720.3 | 904 | 1090 | 1277 | 1466 | 1848 | 2237 | 2633 | 3036 | 3446 | 3864 | 4289 | 4722 | 5613 | 6538 | PSI |
| | Max PSI at E=0.70 | 146.4 | 294.1 | 444.2 | 593.2 | 745 | 897 | 1052 | 1207 | 1522 | 1842 | 2168 | 2500 | 2838 | 3182 | 3532 | 3889 | 4623 | 5385 | PSI |
| | Volume | 2.06 | 2.03 | 2.00 | 1.97 | 1.93 | 1.90 | 1.87 | 1.84 | 1.78 | 1.73 | 1.67 | 1.61 | 1.56 | 1.51 | 1.45 | 1.40 | 1.31 | 1.21 | ft³ |
| | Weight | 16.0 | 31.7 | 47.5 | 42.8 | 53.5 | 64.2 | 74.8 | 85.5 | 106.9 | 128.3 | 149.7 | 171.1 | 192.5 | 213.8 | 235.2 | 256.6 | 299.4 | 342.1 | Lbs cs |
| 30" | Max PSI at E=1.00 | 167.2 | 335.6 | 506.4 | 675.7 | 847 | 1020 | 1195 | 1370 | 1724 | 2083 | 2448 | 2817 | 3191 | 3571 | 3957 | 4348 | 5147 | 5970 | PSI |
| | Max PSI at E=0.85 | 142.1 | 285.2 | 430.4 | 574.3 | 720 | 867 | 1015 | 1164 | 1466 | 1771 | 2080 | 2394 | 2713 | 3036 | 3363 | 3696 | 4375 | 5075 | PSI |
| | Max PSI at E=0.70 | 117.1 | 234.9 | 354.5 | 473.0 | 593 | 714 | 836 | 959 | 1207 | 1458 | 1713 | 1972 | 2234 | 2500 | 2770 | 3043 | 3603 | 4179 | PSI |
| | Volume | 4.04 | 3.99 | 3.94 | 3.89 | 3.84 | 3.79 | 3.74 | 3.70 | 3.60 | 3.51 | 3.42 | 3.33 | 3.24 | 3.15 | 3.07 | 2.98 | 2.82 | 2.66 | ft³ |
| | Weight | 25.0 | 49.7 | 74.4 | 66.8 | 83.5 | 100.2 | 116.9 | 133.6 | 167.1 | 200.5 | 233.9 | 267.3 | 300.7 | 334.1 | 367.5 | 400.9 | 467.8 | 534.6 | Lbs cs |
| 36" | Max PSI at E=1.00 | 139.3 | 279.3 | 421.3 | 561.8 | 704 | 847 | 992 | 1136 | 1429 | 1724 | 2023 | 2326 | 2632 | 2941 | 3254 | 3571 | 4217 | 4878 | PSI |
| | Max PSI at E=0.85 | 118.4 | 237.4 | 358.1 | 477.5 | 599 | 720 | 843 | 966 | 1214 | 1466 | 1720 | 1977 | 2237 | 2500 | 2766 | 3036 | 3584 | 4146 | PSI |
| | Max PSI at E=0.70 | 97.5 | 195.5 | 294.9 | 393.3 | 493 | 593 | 694 | 795 | 1000 | 1207 | 1416 | 1628 | 1842 | 2059 | 2278 | 2500 | 2952 | 3415 | PSI |
| | Volume | 7.00 | 6.92 | 6.85 | 6.78 | 6.71 | 6.64 | 6.57 | 6.50 | 6.36 | 6.22 | 6.09 | 5.95 | 5.82 | 5.70 | 5.57 | 5.44 | 5.20 | 4.96 | ft³ |
| | Weight | 36.0 | 71.7 | 107.4 | 96.2 | 120.3 | 144.3 | 168.4 | 192.5 | 240.6 | 288.7 | 336.8 | 384.9 | 433.0 | 481.1 | 529.2 | 577.4 | 673.6 | 769.8 | Lbs cs |
| 42" | Max PSI at E=1.00 | 119.3 | 239.2 | 360.7 | 480.8 | 602 | 725 | 847 | 971 | 1220 | 1471 | 1724 | 1980 | 2239 | 2500 | 2764 | 3030 | 3571 | 4124 | PSI |
| | Max PSI at E=0.85 | 101.4 | 203.3 | 306.6 | 408.7 | 512 | 616 | 720 | 825 | 1037 | 1250 | 1466 | 1683 | 1903 | 2125 | 2349 | 2576 | 3036 | 3505 | PSI |
| | Max PSI at E=0.70 | 83.5 | 167.5 | 252.5 | 336.5 | 422 | 507 | 593 | 680 | 854 | 1029 | 1207 | 1386 | 1567 | 1750 | 1935 | 2121 | 2500 | 2887 | PSI |
| | Volume | 11.12 | 11.03 | 10.93 | 10.83 | 10.73 | 10.63 | 10.54 | 10.44 | 10.25 | 10.06 | 9.88 | 9.70 | 9.52 | 9.34 | 9.16 | 8.99 | 8.65 | 8.31 | ft³ |
| | Weight | 49.0 | 97.6 | 146.4 | 131.0 | 163.7 | 196.5 | 229.2 | 262.0 | 327.4 | 392.9 | 458.4 | 523.9 | 589.4 | 654.9 | 720.4 | 785.9 | 916.8 | 1047.8 | Lbs cs |
| 48" | Max PSI at E=1.00 | 104.4 | 209.2 | 315.3 | 420.2 | 526 | 633 | 740 | 847 | 1064 | 1282 | 1502 | 1724 | 1948 | 2174 | 2402 | 2632 | 3097 | 3571 | PSI |
| | Max PSI at E=0.85 | 88.7 | 177.8 | 268.0 | 357.1 | 447 | 538 | 629 | 720 | 904 | 1090 | 1277 | 1466 | 1656 | 1848 | 2041 | 2237 | 2633 | 3036 | PSI |
| | Max PSI at E=0.70 | 73.1 | 146.4 | 220.7 | 294.1 | 368 | 443 | 518 | 593 | 745 | 897 | 1052 | 1207 | 1364 | 1522 | 1681 | 1842 | 2168 | 2500 | PSI |
| | Volume | 16.62 | 16.49 | 16.36 | 16.24 | 16.11 | 15.98 | 15.86 | 15.73 | 15.48 | 15.23 | 14.99 | 14.75 | 14.51 | 14.27 | 14.04 | 13.81 | 13.35 | 12.91 | ft³ |
| | Weight | 64.0 | 127.6 | 191.5 | 171.1 | 213.8 | 256.6 | 299.4 | 342.1 | 427.7 | 513.2 | 598.7 | 684.3 | 769.8 | 855.4 | 940.9 | 1026.4 | 1197.5 | 1368.6 | Lbs cs |
| 54" | Max PSI at E=1.00 | 92.8 | 185.9 | 280.1 | 373.1 | 467 | 562 | 657 | 752 | 943 | 1136 | 1331 | 1527 | 1724 | 1923 | 2124 | 2326 | 2734 | 3150 | PSI |
| | Max PSI at E=0.85 | 78.8 | 158.0 | 238.1 | 317.2 | 397 | 478 | 558 | 639 | 802 | 966 | 1131 | 1298 | 1466 | 1635 | 1805 | 1977 | 2324 | 2677 | PSI |
| | Max PSI at E=0.70 | 64.9 | 130.1 | 196.1 | 261.2 | 327 | 393 | 460 | 526 | 660 | 795 | 932 | 1069 | 1207 | 1346 | 1486 | 1628 | 1914 | 2205 | PSI |
| | Volume | 23.69 | 23.53 | 23.36 | 23.20 | 23.04 | 22.88 | 22.72 | 22.56 | 22.24 | 21.92 | 21.61 | 21.30 | 21.00 | 20.69 | 20.39 | 20.10 | 19.51 | 18.94 | ft³ |
| | Weight | 81.0 | 161.6 | 242.5 | 216.5 | 270.6 | 324.8 | 378.9 | 433.0 | 541.3 | 649.5 | 757.8 | 866.0 | 974.3 | 1082.6 | 1190.8 | 1299.1 | 1515.6 | 1732.1 | Lbs cs |

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| | | ASME VIII-1 UG-32(f), thickness as formed | | | | | | | Phone: (519)-880-9808 Fax: (519) 880-9810 | | | | | | | | | | | |
| Head Thickness | | 0.063 | 0.125 | 0.188 | 0.250 | 0.313 | 0.375 | 0.438 | 0.500 | 0.625 | 0.750 | 0.875 | 1.000 | 1.125 | 1.250 | 1.375 | 1.500 | 1.750 | 2.000 | Inch |
| 60" | Max PSI at E=1.00 | 83.5 | 167.2 | 251.9 | 335.6 | 420.2 | 505.1 | 590.2 | 675.7 | 847.5 | 1020.4 | 1194.5 | 1369.9 | 1546.4 | 1724.1 | 1903.1 | 2083.3 | 2447.6 | 2816.9 | PSI |
| | Max PSI at E=0.85 | 71.0 | 142.1 | 214.1 | 285.2 | 357.1 | 429.3 | 501.7 | 574.3 | 720.3 | 867.3 | 1015.4 | 1164.4 | 1314.4 | 1465.5 | 1617.6 | 1770.8 | 2080.4 | 2394.4 | PSI |
| | Max PSI at E=0.70 | 58.4 | 117.1 | 176.4 | 234.9 | 294.1 | 353.5 | 413.2 | 473.0 | 593.2 | 714.3 | 836.2 | 958.9 | 1082.5 | 1206.9 | 1332.2 | 1458.3 | 1713.3 | 1971.8 | PSI |
| | Volume | 32.52 | 32.32 | 32.11 | 31.91 | 31.71 | 31.51 | 31.31 | 31.12 | 30.72 | 30.33 | 29.94 | 29.56 | 29.18 | 28.80 | 28.43 | 28.06 | 27.33 | 26.61 | ft^3 |
| | Weight | 100.0 | 199.6 | 299.6 | 267.3 | 334.1 | 400.9 | 467.8 | 534.6 | 668.2 | 801.9 | 935.5 | 1069.2 | 1202.8 | 1336.5 | 1470.1 | 1603.8 | 1871.1 | 2138.4 | Lbs cs |
| 66" | Max PSI at E=1.00 | 75.9 | 152.0 | 228.9 | 304.9 | 381.7 | 458.7 | 536.0 | 613.5 | 769.2 | 925.9 | 1083.6 | 1242.2 | 1401.9 | 1562.5 | 1724.1 | 1886.8 | 2215.2 | 2547.8 | PSI |
| | Max PSI at E=0.85 | 64.5 | 129.2 | 194.6 | 259.1 | 324.4 | 389.9 | 455.6 | 521.5 | 653.8 | 787.0 | 921.1 | 1055.9 | 1191.6 | 1328.1 | 1465.5 | 1603.8 | 1882.9 | 2165.6 | PSI |
| | Max PSI at E=0.70 | 53.1 | 106.4 | 160.2 | 213.4 | 267.2 | 321.1 | 375.2 | 429.4 | 538.5 | 648.1 | 758.5 | 869.6 | 981.3 | 1093.8 | 1206.9 | 1320.8 | 1550.6 | 1783.4 | PSI |
| | Volume | 43.31 | 43.06 | 42.82 | 42.57 | 42.33 | 42.09 | 41.85 | 41.61 | 41.13 | 40.65 | 40.18 | 39.72 | 39.25 | 38.79 | 38.34 | 37.88 | 36.99 | 36.11 | ft^3 |
| | Weight | 121.1 | 241.7 | 362.8 | 323.4 | 404.3 | 485.1 | 566.0 | 646.9 | 808.6 | 970.3 | 1132.0 | 1293.7 | 1455.4 | 1617.1 | 1778.9 | 1940.6 | 2264.0 | 2587.4 | Lbs cs |
| 72" | Max PSI at E=1.00 | 69.5 | 139.3 | 209.8 | 279.3 | 349.7 | 420.2 | 490.9 | 561.8 | 704.2 | 847.5 | 991.5 | 1136.4 | 1282.1 | 1428.6 | 1575.9 | 1724.1 | 2023.1 | 2325.6 | PSI |
| | Max PSI at E=0.85 | 59.1 | 118.4 | 178.3 | 237.4 | 297.2 | 357.1 | 417.3 | 477.5 | 598.6 | 720.3 | 842.8 | 965.9 | 1089.7 | 1214.3 | 1339.5 | 1465.5 | 1719.7 | 1976.7 | PSI |
| | Max PSI at E=0.70 | 48.7 | 97.5 | 146.8 | 195.5 | 244.8 | 294.1 | 343.6 | 393.3 | 493.0 | 593.2 | 694.1 | 795.5 | 897.4 | 1000.0 | 1103.2 | 1206.9 | 1416.2 | 1627.9 | PSI |
| | Volume | 56.25 | 55.96 | 55.67 | 55.38 | 55.09 | 54.80 | 54.51 | 54.23 | 53.65 | 53.09 | 52.52 | 51.97 | 51.41 | 50.86 | 50.31 | 49.77 | 48.70 | 47.64 | ft^3 |
| | Weight | 144.1 | 287.7 | 431.9 | 384.9 | 481.1 | 577.4 | 673.6 | 769.8 | 962.3 | 1154.7 | 1347.2 | 1539.6 | 1732.1 | 1924.5 | 2117.0 | 2309.4 | 2694.4 | 3079.3 | Lbs cs |
| 78" | Max PSI at E=1.00 | 64.2 | 128.5 | 193.6 | 257.7 | 322.6 | 387.6 | 452.8 | 518.1 | 649.4 | 781.3 | 913.8 | 1047.1 | 1181.1 | 1315.8 | 1451.2 | 1587.3 | 1861.7 | 2139.0 | PSI |
| | Max PSI at E=0.85 | 54.6 | 109.3 | 164.5 | 219.1 | 274.2 | 329.5 | 384.9 | 440.4 | 551.9 | 664.1 | 776.8 | 890.1 | 1003.9 | 1118.4 | 1233.5 | 1349.2 | 1582.4 | 1818.2 | PSI |
| | Max PSI at E=0.70 | 44.9 | 90.0 | 135.5 | 180.4 | 225.8 | 271.3 | 316.9 | 362.7 | 454.5 | 546.9 | 639.7 | 733.0 | 826.8 | 921.1 | 1015.8 | 1111.1 | 1303.2 | 1497.3 | PSI |
| | Volume | 71.55 | 71.21 | 70.86 | 70.52 | 70.18 | 69.84 | 69.50 | 69.17 | 68.50 | 67.83 | 67.17 | 66.51 | 65.85 | 65.20 | 64.56 | 63.92 | 62.65 | 61.39 | ft^3 |
| | Weight | 169.1 | 337.7 | 507.1 | 451.7 | 564.7 | 677.6 | 790.5 | 903.5 | 1129.3 | 1355.2 | 1581.1 | 1806.9 | 2032.8 | 2258.7 | 2484.5 | 2710.4 | 3162.1 | 3613.9 | Lbs cs |
| 84" | Max PSI at E=1.00 | 59.6 | 119.3 | 179.7 | 239.2 | 299.4 | 359.7 | 420.2 | 480.8 | 602.4 | 724.6 | 847.5 | 970.9 | 1094.9 | 1219.5 | 1344.7 | 1470.6 | 1724.1 | 1980.2 | PSI |
| | Max PSI at E=0.85 | 50.7 | 101.4 | 152.7 | 203.3 | 254.5 | 305.8 | 357.1 | 408.7 | 512.0 | 615.9 | 720.3 | 825.2 | 930.7 | 1036.6 | 1143.0 | 1250.0 | 1465.5 | 1683.2 | PSI |
| | Max PSI at E=0.70 | 41.7 | 83.5 | 125.8 | 167.5 | 209.6 | 251.8 | 294.1 | 336.5 | 421.7 | 507.2 | 593.2 | 679.6 | 766.4 | 853.7 | 941.3 | 1029.4 | 1206.9 | 1386.1 | PSI |
| | Volume | 89.40 | 89.00 | 88.60 | 88.20 | 87.81 | 87.41 | 87.02 | 86.63 | 85.85 | 85.07 | 84.30 | 83.53 | 82.77 | 82.02 | 81.26 | 80.52 | 79.03 | 77.57 | ft^3 |
| | Weight | 196.2 | 391.8 | 588.3 | 523.9 | 654.9 | 785.9 | 916.8 | 1047.8 | 1309.8 | 1571.7 | 1833.7 | 2095.6 | 2357.6 | 2619.5 | 2881.5 | 3143.4 | 3667.3 | 4191.2 | Lbs cs |
| 90" | Max PSI at E=1.00 | 55.6 | 111.4 | 167.7 | 223.2 | 279.3 | 335.6 | 391.9 | 448.4 | 561.8 | 675.7 | 790.1 | 905.0 | 1020.4 | 1136.4 | 1252.8 | 1369.9 | 1605.5 | 1843.3 | PSI |
| | Max PSI at E=0.85 | 47.3 | 94.7 | 142.5 | 189.7 | 237.4 | 285.2 | 333.1 | 381.2 | 477.5 | 574.3 | 671.6 | 769.2 | 867.3 | 965.9 | 1064.9 | 1164.4 | 1364.7 | 1566.8 | PSI |
| | Max PSI at E=0.70 | 38.9 | 78.0 | 117.4 | 156.3 | 195.5 | 234.9 | 274.4 | 313.9 | 393.3 | 473.0 | 553.0 | 633.5 | 714.3 | 795.5 | 877.0 | 958.9 | 1123.9 | 1290.3 | PSI |
| | Volume | 109.99 | 109.53 | 109.07 | 108.62 | 108.16 | 107.71 | 107.26 | 106.81 | 105.91 | 105.02 | 104.13 | 103.25 | 102.37 | 101.50 | 100.63 | 99.77 | 98.06 | 96.37 | ft^3 |
| | Weight | 225.2 | 449.8 | 675.6 | 601.4 | 751.8 | 902.1 | 1052.5 | 1202.8 | 1503.5 | 1804.3 | 2105.0 | 2405.7 | 2706.4 | 3007.1 | 3307.8 | 3608.5 | 4209.9 | 4811.3 | Lbs cs |
| 96" | Max PSI at E=1.00 | 52.1 | 104.4 | 157.2 | 209.2 | 261.8 | 314.5 | 367.3 | 420.2 | 526.3 | 632.9 | 740.0 | 847.5 | 955.4 | 1063.8 | 1172.7 | 1282.1 | 1502.1 | 1724.1 | PSI |
| | Max PSI at E=0.85 | 44.3 | 88.7 | 133.6 | 177.8 | 222.5 | 267.3 | 312.2 | 357.1 | 447.4 | 538.0 | 629.0 | 720.3 | 812.1 | 904.3 | 996.8 | 1089.7 | 1276.8 | 1465.5 | PSI |
| | Max PSI at E=0.70 | 36.5 | 73.1 | 110.0 | 146.4 | 183.2 | 220.1 | 257.1 | 294.1 | 368.4 | 443.0 | 518.0 | 593.2 | 668.8 | 744.7 | 820.9 | 897.4 | 1051.5 | 1206.9 | PSI |
| | Volume | 133.52 | 133.00 | 132.47 | 131.96 | 131.44 | 130.92 | 130.41 | 129.90 | 128.87 | 127.86 | 126.84 | 125.84 | 124.84 | 123.84 | 122.85 | 121.86 | 119.91 | 117.97 | ft^3 |
| | Weight | 256.3 | 511.9 | 768.8 | 684.3 | 855.4 | 1026.4 | 1197.5 | 1368.6 | 1710.7 | 2052.8 | 2395.0 | 2737.1 | 3079.3 | 3421.4 | 3763.5 | 4105.7 | 4790.0 | 5474.2 | Lbs cs |
| 102" | Max PSI at E=1.00 | 49.1 | 98.2 | 147.9 | 196.9 | 246.3 | 295.9 | 345.5 | 395.3 | 495.0 | 595.2 | 695.8 | 796.8 | 898.2 | 1000.0 | 1102.2 | 1204.8 | 1411.3 | 1619.4 | PSI |
| | Max PSI at E=0.85 | 41.7 | 83.5 | 125.7 | 167.3 | 209.4 | 251.5 | 293.7 | 336.0 | 420.8 | 506.0 | 591.5 | 677.3 | 763.5 | 850.0 | 936.9 | 1024.1 | 1199.6 | 1376.5 | PSI |
| | Max PSI at E=0.70 | 34.3 | 68.8 | 103.5 | 137.8 | 172.4 | 207.1 | 241.9 | 276.7 | 346.5 | 416.7 | 487.1 | 557.8 | 628.7 | 700.0 | 771.5 | 843.4 | 987.9 | 1133.6 | PSI |
| | Volume | 160.19 | 159.60 | 159.01 | 158.42 | 157.84 | 157.26 | 156.68 | 156.10 | 154.94 | 153.79 | 152.64 | 151.50 | 150.37 | 149.24 | 148.12 | 147.00 | 144.79 | 142.59 | ft^3 |
| | Weight | 289.3 | 577.9 | 868.2 | 772.5 | 965.6 | 1158.7 | 1351.9 | 1545.0 | 1931.2 | 2317.5 | 2703.7 | 3090.0 | 3476.2 | 3862.4 | 4248.7 | 4634.9 | 5407.4 | 6179.9 | Lbs cs |

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| | | ASME VIII-1 UG-32(f), thickness as formed | | | | | | | | Phone: (519)-880-9808 Fax: (519) 880-9810 | | | | | | | | | | |
| Head Thickness | | 0.063 | 0.125 | 0.188 | 0.250 | 0.313 | 0.375 | 0.438 | 0.500 | 0.625 | 0.750 | 0.875 | 1.000 | 1.125 | 1.250 | 1.375 | 1.500 | 1.750 | 2.000 | Inch |
| 108" | Max PSI at E=1.00 | 46.3 | 92.8 | 139.6 | 185.9 | 232.6 | 279.3 | 326.2 | 373.1 | 467.3 | 561.8 | 656.7 | 751.9 | 847.5 | 943.4 | 1039.7 | 1136.4 | 1330.8 | 1526.7 | PSI |
| | Max PSI at E=0.85 | 39.4 | 78.8 | 118.7 | 158.0 | 197.7 | 237.4 | 277.3 | 317.2 | 397.2 | 477.5 | 558.2 | 639.1 | 720.3 | 801.9 | 883.7 | 965.9 | 1131.2 | 1297.7 | PSI |
| | Max PSI at E=0.70 | 32.4 | 64.9 | 97.8 | 130.1 | 162.8 | 195.5 | 228.3 | 261.2 | 327.1 | 393.3 | 459.7 | 526.3 | 593.2 | 660.4 | 727.8 | 795.5 | 931.6 | 1068.7 | PSI |
| | Volume | 190.2 | 189.5 | 188.9 | 188.2 | 187.6 | 186.9 | 186.3 | 185.6 | 184.3 | 183.0 | 181.7 | 180.4 | 179.2 | 177.9 | 176.6 | 175.4 | 172.9 | 170.4 | ft^3 |
| | Weight | 324 | 648 | 973 | 866 | 1083 | 1299 | 1516 | 1732 | 2165 | 2598 | 3031 | 3464 | 3897 | 4330 | 4763 | 5196 | 6062 | 6928 | Lbs cs |
| 114" | Max PSI at E=1.00 | 43.9 | 87.9 | 132.3 | 176.1 | 220.3 | 264.6 | 308.9 | 353.4 | 442.5 | 531.9 | 621.7 | 711.7 | 802.1 | 892.9 | 983.9 | 1075.3 | 1259.0 | 1444.0 | PSI |
| | Max PSI at E=0.85 | 37.3 | 74.7 | 112.4 | 149.6 | 187.2 | 224.9 | 262.6 | 300.4 | 376.1 | 452.1 | 528.4 | 605.0 | 681.8 | 758.9 | 836.3 | 914.0 | 1070.1 | 1227.4 | PSI |
| | Max PSI at E=0.70 | 30.7 | 61.5 | 92.6 | 123.2 | 154.2 | 185.2 | 216.2 | 247.3 | 309.7 | 372.3 | 435.2 | 498.2 | 561.5 | 625.0 | 688.7 | 752.7 | 881.3 | 1010.8 | PSI |
| | Volume | 223.7 | 223.0 | 222.2 | 221.5 | 220.8 | 220.1 | 219.3 | 218.6 | 217.2 | 215.7 | 214.3 | 212.9 | 211.4 | 210.0 | 208.6 | 207.2 | 204.4 | 201.7 | ft^3 |
| | Weight | 361 | 722 | 1085 | 965 | 1206 | 1447 | 1689 | 1930 | 2412 | 2895 | 3377 | 3860 | 4342 | 4825 | 5307 | 5790 | 6755 | 7720 | Lbs cs |
| 120" | Max PSI at E=1.00 | 41.7 | 83.5 | 125.6 | 167.2 | 209.2 | 251.3 | 293.4 | 335.6 | 420.2 | 505.1 | 590.2 | 675.7 | 761.4 | 847.5 | 933.8 | 1020.4 | 1194.5 | 1369.9 | PSI |
| | Max PSI at E=0.85 | 35.4 | 71.0 | 106.8 | 142.1 | 177.8 | 213.6 | 249.4 | 285.2 | 357.1 | 429.3 | 501.7 | 574.3 | 647.2 | 720.3 | 793.7 | 867.3 | 1015.4 | 1164.4 | PSI |
| | Max PSI at E=0.70 | 29.2 | 58.4 | 88.0 | 117.1 | 146.4 | 175.9 | 205.4 | 234.9 | 294.1 | 353.5 | 413.2 | 473.0 | 533.0 | 593.2 | 653.7 | 714.3 | 836.2 | 958.9 | PSI |
| | Volume | 261.0 | 260.2 | 259.3 | 258.5 | 257.7 | 256.9 | 256.1 | 255.3 | 253.7 | 252.1 | 250.5 | 248.9 | 247.3 | 245.8 | 244.2 | 242.7 | 239.6 | 236.5 | ft^3 |
| | Weight | 401 | 800 | 1202 | 1069 | 1336 | 1604 | 1871 | 2138 | 2673 | 3208 | 3742 | 4277 | 4811 | 5346 | 5881 | 6415 | 7484 | 8554 | Lbs cs |
| 126" | Max PSI at E=1.00 | 39.7 | 79.5 | 119.7 | 159.2 | 199.2 | 239.2 | 279.3 | 319.5 | 400.0 | 480.8 | 561.8 | 643.1 | 724.6 | 806.5 | 888.5 | 970.9 | 1136.4 | 1302.9 | PSI |
| | Max PSI at E=0.85 | 33.8 | 67.6 | 101.7 | 135.4 | 169.3 | 203.3 | 237.4 | 271.6 | 340.0 | 408.7 | 477.5 | 546.6 | 615.9 | 685.5 | 755.3 | 825.2 | 965.9 | 1107.5 | PSI |
| | Max PSI at E=0.70 | 27.8 | 55.6 | 83.8 | 111.5 | 139.4 | 167.5 | 195.5 | 223.6 | 280.0 | 336.5 | 393.3 | 450.2 | 507.2 | 564.5 | 622.0 | 679.6 | 795.5 | 912.1 | PSI |
| | Volume | 302.16 | 301.27 | 300.36 | 299.47 | 298.58 | 297.69 | 296.80 | 295.91 | 294.13 | 292.37 | 290.61 | 288.86 | 287.12 | 285.38 | 283.65 | 281.93 | 278.51 | 275.11 | ft^3 |
| | Weight | 442 | 882 | 1326 | 1179 | 1473 | 1768 | 2063 | 2358 | 2947 | 3536 | 4126 | 4715 | 5305 | 5894 | 6483 | 7073 | 8251 | 9430 | Lbs cs |
| 132" | Max PSI at E=1.00 | 37.9 | 75.9 | 114.2 | 152.0 | 190.1 | 228.3 | 266.6 | 304.9 | 381.7 | 458.7 | 536.0 | 613.5 | 691.2 | 769.2 | 847.5 | 925.9 | 1083.6 | 1242.2 | PSI |
| | Max PSI at E=0.85 | 32.2 | 64.5 | 97.1 | 129.2 | 161.6 | 194.1 | 226.6 | 259.1 | 324.4 | 389.9 | 455.6 | 521.5 | 587.6 | 653.8 | 720.3 | 787.0 | 921.1 | 1055.9 | PSI |
| | Max PSI at E=0.70 | 26.5 | 53.1 | 79.9 | 106.4 | 133.1 | 159.8 | 186.6 | 213.4 | 267.2 | 321.1 | 375.2 | 429.4 | 483.9 | 538.5 | 593.2 | 648.1 | 758.5 | 869.6 | PSI |
| | Volume | 347.5 | 346.5 | 345.5 | 344.5 | 343.5 | 342.5 | 341.6 | 340.6 | 338.6 | 336.7 | 334.8 | 332.9 | 330.9 | 329.0 | 327.1 | 325.2 | 321.5 | 317.7 | ft^3 |
| | Weight | 485 | 968 | 1455 | 1294 | 1617 | 1941 | 2264 | 2587 | 3234 | 3881 | 4528 | 5175 | 5822 | 6469 | 7115 | 7762 | 9056 | 10350 | Lbs cs |
| 138" | Max PSI at E=1.00 | 36.3 | 72.6 | 109.2 | 145.3 | 181.8 | 218.3 | 254.9 | 291.5 | 365.0 | 438.6 | 512.4 | 586.5 | 660.8 | 735.3 | 810.0 | 885.0 | 1035.5 | 1186.9 | PSI |
| | Max PSI at E=0.85 | 30.8 | 61.7 | 92.8 | 123.5 | 154.5 | 185.6 | 216.7 | 247.8 | 310.2 | 372.8 | 435.6 | 498.5 | 561.7 | 625.0 | 688.5 | 752.2 | 880.2 | 1008.9 | PSI |
| | Max PSI at E=0.70 | 25.4 | 50.8 | 76.5 | 101.7 | 127.3 | 152.8 | 178.4 | 204.1 | 255.5 | 307.0 | 358.7 | 410.6 | 462.6 | 514.7 | 567.0 | 619.5 | 724.9 | 830.9 | PSI |
| | Volume | 397.1 | 396.0 | 394.9 | 393.9 | 392.8 | 391.7 | 390.6 | 389.6 | 387.4 | 385.3 | 383.2 | 381.1 | 379.0 | 376.9 | 374.8 | 372.8 | 368.6 | 364.5 | ft^3 |
| | Weight | 530 | 1059 | 1591 | 1414 | 1768 | 2121 | 2475 | 2828 | 3535 | 4242 | 4949 | 5656 | 6363 | 7070 | 7777 | 8484 | 9898 | 11312 | Lbs cs |
| 144" | Max PSI at E=1.00 | 34.7 | 69.5 | 104.7 | 139.3 | 174.2 | 209.2 | 244.2 | 279.3 | 349.7 | 420.2 | 490.9 | 561.8 | 632.9 | 704.2 | 775.7 | 847.5 | 991.5 | 1136.4 | PSI |
| | Max PSI at E=0.85 | 29.5 | 59.1 | 89.0 | 118.4 | 148.1 | 177.8 | 207.6 | 237.4 | 297.2 | 357.1 | 417.3 | 477.5 | 538.0 | 598.6 | 659.4 | 720.3 | 842.8 | 965.9 | PSI |
| | Max PSI at E=0.70 | 24.3 | 48.7 | 73.3 | 97.5 | 122.0 | 146.4 | 171.0 | 195.5 | 244.8 | 294.1 | 343.6 | 393.3 | 443.0 | 493.0 | 543.0 | 593.2 | 694.1 | 795.5 | PSI |
| | Volume | 451.2 | 450.0 | 448.9 | 447.7 | 446.5 | 445.4 | 444.2 | 443.0 | 440.7 | 438.4 | 436.1 | 433.8 | 431.5 | 429.2 | 427.0 | 424.7 | 420.2 | 415.7 | ft^3 |
| | Weight | 577 | 1153 | 1732 | 1540 | 1925 | 2309 | 2694 | 3079 | 3849 | 4619 | 5389 | 6159 | 6928 | 7698 | 8468 | 9238 | 10777 | 12317 | Lbs cs |
| 150" | Max PSI at E=1.00 | 33.4 | 66.8 | 100.5 | 133.7 | 167.2 | 200.8 | 234.4 | 268.1 | 335.6 | 403.2 | 471.1 | 539.1 | 607.3 | 675.7 | 744.2 | 813.0 | 951.1 | 1089.9 | PSI |
| | Max PSI at E=0.85 | 28.4 | 56.7 | 85.4 | 113.6 | 142.1 | 170.7 | 199.3 | 227.9 | 285.2 | 342.7 | 400.4 | 458.2 | 516.2 | 574.3 | 632.6 | 691.1 | 808.4 | 926.4 | PSI |
| | Max PSI at E=0.70 | 23.3 | 46.7 | 70.3 | 93.6 | 117.1 | 140.6 | 164.1 | 187.7 | 234.9 | 282.3 | 329.7 | 377.4 | 425.1 | 473.0 | 521.0 | 569.1 | 665.8 | 762.9 | PSI |
| | Volume | 510.0 | 508.8 | 507.5 | 506.2 | 505.0 | 503.7 | 502.4 | 501.2 | 498.6 | 496.1 | 493.6 | 491.1 | 488.7 | 486.2 | 483.7 | 481.3 | 476.4 | 471.5 | ft^3 |
| | Weight | 626 | 1251 | 1880 | 1671 | 2088 | 2506 | 2924 | 3341 | 4177 | 5012 | 5847 | 6682 | 7518 | 8353 | 9188 | 10024 | 11694 | 13365 | Lbs cs |

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| S = 20000 | | Hemispherical Heads | | | | | | | | © 2003 Pressure Vessel Engineering Ltd. www.pveng.com | | | | | | | | | | |
|------------------|-------------------|---|--------|--------|--------|--------|--------|--------|--------|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | ASME VIII-1 UG-32(f), thickness as formed | | | | | | | | Phone: (519)-880-9808 Fax: (519) 880-9810 | | | | | | | | | | |
| Head Thickness | | 0.063 | 0.125 | 0.188 | 0.250 | 0.313 | 0.375 | 0.438 | 0.500 | 0.625 | 0.750 | 0.875 | 1.000 | 1.125 | 1.250 | 1.375 | 1.500 | 1.750 | 2.000 | Inch |
| 156" | Max PSI at E=1.00 | 32.1 | 64.2 | 96.6 | 128.5 | 160.8 | 193.1 | 225.4 | 257.7 | 322.6 | 387.6 | 452.8 | 518.1 | 583.7 | 649.4 | 715.2 | 781.3 | 913.8 | 1047.1 | PSI |
| | Max PSI at E=0.85 | 27.3 | 54.6 | 82.1 | 109.3 | 136.7 | 164.1 | 191.6 | 219.1 | 274.2 | 329.5 | 384.9 | 440.4 | 496.1 | 551.9 | 607.9 | 664.1 | 776.8 | 890.1 | PSI |
| | Max PSI at E=0.70 | 22.5 | 44.9 | 67.6 | 90.0 | 112.5 | 135.1 | 157.8 | 180.4 | 225.8 | 271.3 | 316.9 | 362.7 | 408.6 | 454.5 | 500.7 | 546.9 | 639.7 | 733.0 | PSI |
| | Volume | 573.8 | 572.4 | 571.0 | 569.7 | 568.3 | 566.9 | 565.5 | 564.2 | 561.5 | 558.7 | 556.0 | 553.3 | 550.6 | 548.0 | 545.3 | 542.6 | 537.3 | 532.1 | ft^3 |
| | Weight | 677 | 1353 | 2033 | 1807 | 2259 | 2710 | 3162 | 3614 | 4517 | 5421 | 6324 | 7228 | 8131 | 9035 | 9938 | 10842 | 12649 | 14455 | Lbs cs |
| 162" | Max PSI at E=1.00 | 30.9 | 61.8 | 93.0 | 123.8 | 154.8 | 185.9 | 217.0 | 248.1 | 310.6 | 373.1 | 435.9 | 498.8 | 561.8 | 625.0 | 688.4 | 751.9 | 879.4 | 1007.6 | PSI |
| | Max PSI at E=0.85 | 26.3 | 52.5 | 79.1 | 105.2 | 131.6 | 158.0 | 184.4 | 210.9 | 264.0 | 317.2 | 370.5 | 423.9 | 477.5 | 531.3 | 585.1 | 639.1 | 747.5 | 856.4 | PSI |
| | Max PSI at E=0.70 | 21.6 | 43.3 | 65.1 | 86.6 | 108.4 | 130.1 | 151.9 | 173.7 | 217.4 | 261.2 | 305.1 | 349.1 | 393.3 | 437.5 | 481.9 | 526.3 | 615.6 | 705.3 | PSI |
| | Volume | 642.6 | 641.1 | 639.7 | 638.2 | 636.7 | 635.2 | 633.7 | 632.3 | 629.3 | 626.4 | 623.5 | 620.6 | 617.7 | 614.8 | 611.9 | 609.0 | 603.3 | 597.6 | ft^3 |
| | Weight | 730 | 1459 | 2193 | 1949 | 2436 | 2923 | 3410 | 3897 | 4871 | 5846 | 6820 | 7794 | 8769 | 9743 | 10717 | 11692 | 13640 | 15589 | Lbs cs |
| 168" | Max PSI at E=1.00 | 29.8 | 59.6 | 89.7 | 119.3 | 149.3 | 179.2 | 209.2 | 239.2 | 299.4 | 359.7 | 420.2 | 480.8 | 541.5 | 602.4 | 663.4 | 724.6 | 847.5 | 970.9 | PSI |
| | Max PSI at E=0.85 | 25.3 | 50.7 | 76.2 | 101.4 | 126.9 | 152.3 | 177.8 | 203.3 | 254.5 | 305.8 | 357.1 | 408.7 | 460.3 | 512.0 | 563.9 | 615.9 | 720.3 | 825.2 | PSI |
| | Max PSI at E=0.70 | 20.8 | 41.7 | 62.8 | 83.5 | 104.5 | 125.4 | 146.4 | 167.5 | 209.6 | 251.8 | 294.1 | 336.5 | 379.1 | 421.7 | 464.4 | 507.2 | 593.2 | 679.6 | PSI |
| | Volume | 716.8 | 715.2 | 713.6 | 712.0 | 710.4 | 708.8 | 707.2 | 705.6 | 702.5 | 699.3 | 696.2 | 693.0 | 689.9 | 686.8 | 683.7 | 680.6 | 674.4 | 668.3 | ft^3 |
| | Weight | 785 | 1569 | 2359 | 2096 | 2620 | 3143 | 3667 | 4191 | 5239 | 6287 | 7335 | 8382 | 9430 | 10478 | 11526 | 12574 | 14669 | 16765 | Lbs cs |
| 174" | Max PSI at E=1.00 | 28.8 | 57.5 | 86.6 | 115.2 | 144.1 | 173.0 | 202.0 | 230.9 | 289.0 | 347.2 | 405.6 | 464.0 | 522.6 | 581.4 | 640.3 | 699.3 | 817.8 | 936.8 | PSI |
| | Max PSI at E=0.85 | 24.4 | 48.9 | 73.6 | 97.9 | 122.5 | 147.1 | 171.7 | 196.3 | 245.7 | 295.1 | 344.7 | 394.4 | 444.3 | 494.2 | 544.2 | 594.4 | 695.1 | 796.3 | PSI |
| | Max PSI at E=0.70 | 20.1 | 40.3 | 60.6 | 80.6 | 100.9 | 121.1 | 141.4 | 161.7 | 202.3 | 243.1 | 283.9 | 324.8 | 365.9 | 407.0 | 448.2 | 489.5 | 572.4 | 655.7 | PSI |
| | Volume | 796.4 | 794.7 | 793.0 | 791.3 | 789.6 | 787.9 | 786.1 | 784.4 | 781.1 | 777.7 | 774.3 | 770.9 | 767.6 | 764.2 | 760.9 | 757.6 | 750.9 | 744.3 | ft^3 |
| | Weight | 842 | 1684 | 2530 | 2248 | 2810 | 3372 | 3934 | 4496 | 5620 | 6744 | 7868 | 8992 | 10116 | 11240 | 12364 | 13488 | 15736 | 17984 | Lbs cs |
| 180" | Max PSI at E=1.00 | 27.8 | 55.6 | 83.7 | 111.4 | 139.3 | 167.2 | 195.2 | 223.2 | 279.3 | 335.6 | 391.9 | 448.4 | 505.1 | 561.8 | 618.7 | 675.7 | 790.1 | 905.0 | PSI |
| | Max PSI at E=0.85 | 23.6 | 47.3 | 71.1 | 94.7 | 118.4 | 142.1 | 165.9 | 189.7 | 237.4 | 285.2 | 333.1 | 381.2 | 429.3 | 477.5 | 525.9 | 574.3 | 671.6 | 769.2 | PSI |
| | Max PSI at E=0.70 | 19.5 | 38.9 | 58.6 | 78.0 | 97.5 | 117.1 | 136.6 | 156.3 | 195.5 | 234.9 | 274.4 | 313.9 | 353.5 | 393.3 | 433.1 | 473.0 | 553.0 | 633.5 | PSI |
| | Volume | 881.7 | 879.9 | 878.0 | 876.2 | 874.4 | 872.6 | 870.8 | 868.9 | 865.3 | 861.7 | 858.1 | 854.4 | 850.9 | 847.3 | 843.7 | 840.1 | 833.0 | 826.0 | ft^3 |
| | Weight | 902 | 1802 | 2708 | 2406 | 3007 | 3609 | 4210 | 4811 | 6014 | 7217 | 8420 | 9623 | 10826 | 12028 | 13231 | 14434 | 16840 | 19245 | Lbs cs |
| 186" | Max PSI at E=1.00 | 26.9 | 53.8 | 81.0 | 107.8 | 134.8 | 161.8 | 188.9 | 216.0 | 270.3 | 324.7 | 379.2 | 433.8 | 488.6 | 543.5 | 598.5 | 653.6 | 764.2 | 875.3 | PSI |
| | Max PSI at E=0.85 | 22.9 | 45.7 | 68.8 | 91.6 | 114.6 | 137.5 | 160.6 | 183.6 | 229.7 | 276.0 | 322.3 | 368.8 | 415.3 | 462.0 | 508.7 | 555.6 | 649.6 | 744.0 | PSI |
| | Max PSI at E=0.70 | 18.8 | 37.7 | 56.7 | 75.4 | 94.3 | 113.3 | 132.2 | 151.2 | 189.2 | 227.3 | 265.4 | 303.7 | 342.0 | 380.4 | 418.9 | 457.5 | 534.9 | 612.7 | PSI |
| | Volume | 972.9 | 971.0 | 969.0 | 967.1 | 965.1 | 963.2 | 961.2 | 959.3 | 955.4 | 951.5 | 947.6 | 943.8 | 940.0 | 936.1 | 932.3 | 928.5 | 920.9 | 913.4 | ft^3 |
| | Weight | 963 | 1924 | 2892 | 2569 | 3211 | 3853 | 4495 | 5137 | 6422 | 7706 | 8991 | 10275 | 11559 | 12844 | 14128 | 15412 | 17981 | 20550 | Lbs cs |
| 192" | Max PSI at E=1.00 | 26.1 | 52.1 | 78.5 | 104.4 | 130.5 | 156.7 | 183.0 | 209.2 | 261.8 | 314.5 | 367.3 | 420.2 | 473.2 | 526.3 | 579.6 | 632.9 | 740.0 | 847.5 | PSI |
| | Max PSI at E=0.85 | 22.1 | 44.3 | 66.7 | 88.7 | 111.0 | 133.2 | 155.5 | 177.8 | 222.5 | 267.3 | 312.2 | 357.1 | 402.2 | 447.4 | 492.6 | 538.0 | 629.0 | 720.3 | PSI |
| | Max PSI at E=0.70 | 18.2 | 36.5 | 54.9 | 73.1 | 91.4 | 109.7 | 128.1 | 146.4 | 183.2 | 220.1 | 257.1 | 294.1 | 331.2 | 368.4 | 405.7 | 443.0 | 518.0 | 593.2 | PSI |
| | Volume | 1070.2 | 1068.1 | 1066.0 | 1064.0 | 1061.9 | 1059.8 | 1057.7 | 1055.7 | 1051.5 | 1047.4 | 1043.3 | 1039.2 | 1035.1 | 1031.0 | 1026.9 | 1022.8 | 1014.7 | 1006.7 | ft^3 |
| | Weight | 1026 | 2050 | 3081 | 2737 | 3421 | 4106 | 4790 | 5474 | 6843 | 8211 | 9580 | 10948 | 12317 | 13686 | 15054 | 16423 | 19160 | 21897 | Lbs cs |
| 198" | Max PSI at E=1.00 | 25.3 | 50.6 | 76.1 | 101.2 | 126.6 | 152.0 | 177.4 | 202.8 | 253.8 | 304.9 | 356.1 | 407.3 | 458.7 | 510.2 | 561.8 | 613.5 | 717.2 | 821.4 | PSI |
| | Max PSI at E=0.85 | 21.5 | 43.0 | 64.7 | 86.0 | 107.6 | 129.2 | 150.8 | 172.4 | 215.7 | 259.1 | 302.6 | 346.2 | 389.9 | 433.7 | 477.5 | 521.5 | 609.6 | 698.2 | PSI |
| | Max PSI at E=0.70 | 17.7 | 35.4 | 53.3 | 70.9 | 88.6 | 106.4 | 124.2 | 142.0 | 177.7 | 213.4 | 249.2 | 285.1 | 321.1 | 357.1 | 393.3 | 429.4 | 502.0 | 574.9 | PSI |
| | Volume | 1173.8 | 1171.6 | 1169.3 | 1167.1 | 1164.9 | 1162.7 | 1160.5 | 1158.3 | 1153.9 | 1149.5 | 1145.1 | 1140.8 | 1136.4 | 1132.0 | 1127.7 | 1123.4 | 1114.8 | 1106.2 | ft^3 |
| | Weight | 1091 | 2180 | 3277 | 2911 | 3639 | 4366 | 5094 | 5822 | 7277 | 8733 | 10188 | 11643 | 13099 | 14554 | 16010 | 17465 | 20376 | 23287 | Lbs cs |

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