

Pipe Data: Carbon and Alloy Steel—Stainless Steel (continued)

| Nominal Pipe Size (Inches) | Outside Diameter (Inches) | Identification | | | Wall Thickness (t) (Inches) | Inside Diameter (d) (Inches) | Area of Metal (Square Inches) | Transverse Internal Area | | Weight Pipe (Pounds per Foot) | Weight Water (Pounds per Foot of Pipe) |
|----------------------------|---------------------------|----------------|--------------|------------------------------|-----------------------------|------------------------------|-------------------------------|--------------------------|-------------------|-------------------------------|--|
| | | Steel | | Stainless Steel Schedule No. | | | | (a) (Square Inches) | (A) (Square Feet) | | |
| | | Iron Pipe Size | Schedule No. | | | | | | | | |
| 2-1/2 | 2.875 | ... | ... | 5S | 0.083 | 2.709 | 0.7280 | 5.764 | 0.04002 | 2.48 | 2.50 |
| | | ... | ... | 10S | 0.120 | 2.635 | 1.039 | 5.453 | 0.03787 | 3.53 | 2.36 |
| | | STD | 40 | 40S | 0.203 | 2.469 | 1.704 | 4.788 | 0.03322 | 5.79 | 2.07 |
| | | XS | 80 | 80S | 0.279 | 2.323 | 2.254 | 4.238 | 0.02942 | 7.66 | 1.87 |
| | | ... | 160 | ... | 0.375 | 2.125 | 2.945 | 3.546 | 0.02463 | 10.01 | 1.54 |
| | | XXS | ... | ... | 0.552 | 1.771 | 4.028 | 2.464 | 0.01710 | 13.69 | 1.07 |
| 3 | 3.500 | ... | ... | 5S | 0.083 | 3.334 | 0.8910 | 8.730 | 0.06063 | 3.03 | 3.78 |
| | | ... | ... | 10S | 0.120 | 3.260 | 1.274 | 8.347 | 0.05796 | 4.33 | 3.62 |
| | | STD | 40 | 40S | 0.216 | 3.068 | 2.228 | 7.393 | 0.05130 | 7.58 | 3.20 |
| | | XS | 80 | 80S | 0.300 | 2.900 | 3.016 | 6.605 | 0.04587 | 10.25 | 2.86 |
| | | ... | 160 | ... | 0.438 | 2.624 | 4.205 | 5.408 | 0.03755 | 14.32 | 2.35 |
| | | XXS | ... | ... | 0.600 | 2.300 | 5.466 | 4.155 | 0.02885 | 18.58 | 1.80 |
| 3-1/2 | 4.000 | ... | ... | 5S | 0.083 | 3.834 | 1.021 | 11.545 | 0.08017 | 3.48 | 5.00 |
| | | ... | ... | 10S | 0.120 | 3.760 | 1.463 | 11.104 | 0.07711 | 4.97 | 4.81 |
| | | STD | 40 | 40S | 0.226 | 3.548 | 2.680 | 9.886 | 0.06870 | 9.11 | 4.29 |
| | | XS | 80 | 80S | 0.318 | 3.364 | 3.678 | 8.888 | 0.06170 | 12.50 | 3.84 |
| 4 | 4.500 | ... | ... | 5S | 0.083 | 4.334 | 1.152 | 14.75 | 0.10245 | 3.92 | 6.39 |
| | | ... | ... | 10S | 0.120 | 4.260 | 1.651 | 14.25 | 0.09898 | 5.61 | 6.18 |
| | | STD | 40 | 40S | 0.237 | 4.026 | 3.174 | 12.73 | 0.08840 | 10.79 | 5.50 |
| | | XS | 80 | 80S | 0.337 | 3.826 | 4.407 | 11.50 | 0.07986 | 14.98 | 4.98 |
| | | ... | 120 | ... | 0.438 | 3.624 | 5.595 | 10.31 | 0.0716 | 19.00 | 4.47 |
| | | ... | 160 | ... | 0.531 | 3.438 | 6.621 | 9.28 | 0.0645 | 22.51 | 4.02 |
| | | XXS | ... | ... | 0.674 | 3.152 | 8.101 | 7.80 | 0.0542 | 27.54 | 3.38 |
| 5 | 5.563 | ... | ... | 5S | 0.109 | 5.345 | 1.868 | 22.44 | 0.1558 | 6.36 | 9.72 |
| | | ... | ... | 10S | 0.134 | 5.295 | 2.285 | 22.02 | 0.1529 | 7.77 | 9.54 |
| | | STD | 40 | 40 | 0.258 | 5.047 | 4.300 | 20.01 | 0.1390 | 14.62 | 8.67 |
| | | XS | 80 | 80S | 0.375 | 4.813 | 6.112 | 18.19 | 0.1263 | 20.78 | 7.88 |
| | | ... | 120 | ... | 0.500 | 4.563 | 7.953 | 16.35 | 0.1136 | 27.04 | 7.09 |
| | | ... | 160 | ... | 0.625 | 4.313 | 9.696 | 14.61 | 0.1015 | 32.96 | 6.33 |
| XXS | ... | ... | 0.750 | 4.063 | 11.340 | 12.97 | 0.0901 | 38.55 | 5.61 | | |
| 6 | 6.625 | ... | ... | 5S | 0.109 | 6.407 | 2.231 | 32.24 | 0.2239 | 7.60 | 13.97 |
| | | ... | ... | 10S | 0.134 | 6.357 | 2.733 | 31.74 | 0.2204 | 9.29 | 13.75 |
| | | STD | 40 | 40S | 0.280 | 6.065 | 5.581 | 28.89 | 0.2006 | 18.97 | 12.51 |
| | | XS | 80 | 80S | 0.432 | 5.761 | 8.405 | 26.07 | 0.1810 | 28.57 | 11.29 |
| | | ... | 120 | ... | 0.562 | 5.501 | 10.70 | 23.77 | 0.1650 | 36.39 | 10.30 |
| | | ... | 160 | ... | 0.719 | 5.018 | 13.32 | 21.15 | 0.1469 | 45.35 | 9.16 |
| XXS | ... | ... | 0.864 | 4.897 | 15.64 | 18.84 | 0.1308 | 53.16 | 8.16 | | |
| 9 | 8.625 | ... | ... | 5S | 0.109 | 8.407 | 2.916 | 55.51 | 0.3855 | 9.93 | 24.06 |
| | | ... | ... | 10S | 0.148 | 8.329 | 3.941 | 54.48 | 0.3784 | 13.40 | 23.61 |
| | | ... | 20 | ... | 0.250 | 8.125 | 6.57 | 51.85 | 0.3601 | 22.36 | 22.47 |
| | | ... | 30 | ... | 0.277 | 8.071 | 7.26 | 51.16 | 0.3553 | 24.70 | 22.17 |
| | | STD | 40 | 40S | 0.322 | 7.981 | 8.40 | 50.03 | 0.3474 | 28.55 | 21.70 |
| | | ... | 60 | ... | 0.406 | 7.813 | 10.48 | 47.94 | 0.3329 | 35.64 | 20.77 |
| | | XS | 80 | 80S | 0.500 | 7.625 | 12.76 | 45.66 | 0.3171 | 43.39 | 19.78 |
| | | ... | 100 | ... | 0.594 | 7.437 | 14.96 | 43.46 | 0.3018 | 50.95 | 18.83 |
| | | ... | 120 | ... | 0.719 | 7.187 | 17.84 | 40.59 | 0.2819 | 60.71 | 17.59 |
| | | ... | 140 | ... | 0.812 | 7.001 | 19.93 | 38.50 | 0.2673 | 67.76 | 16.68 |
| XXS | ... | ... | 0.875 | 6.875 | 21.30 | 37.12 | 0.2578 | 72.42 | 16.10 | | |
| ... | 160 | ... | 0.906 | 6.813 | 21.97 | 36.46 | 0.2532 | 74.69 | 15.80 | | |
| 10 | 10.750 | ... | ... | 5S | 0.134 | 10.482 | 4.36 | 86.29 | 0.5992 | 15.19 | 37.39 |
| | | ... | ... | 10S | 0.165 | 10.420 | 5.49 | 85.28 | 0.5922 | 18.65 | 36.95 |
| | | ... | 20 | ... | 0.250 | 10.250 | 8.24 | 82.52 | 0.5731 | 28.04 | 35.76 |
| | | ... | 30 | ... | 0.307 | 10.136 | 10.07 | 80.69 | 0.5603 | 34.24 | 34.96 |
| | | STD | 40 | 40S | 0.365 | 10.020 | 11.90 | 78.86 | 0.5475 | 40.48 | 34.20 |
| | | XS | 60 | 80S | 0.500 | 9.750 | 16.10 | 74.66 | 0.5185 | 54.74 | 32.35 |
| | | ... | 80 | ... | 0.594 | 9.562 | 18.92 | 71.84 | 0.4989 | 64.43 | 31.13 |
| | | ... | 100 | ... | 0.719 | 9.312 | 22.63 | 68.13 | 0.4732 | 77.03 | 29.53 |
| | | ... | 120 | ... | 0.844 | 9.062 | 26.24 | 64.53 | 0.4481 | 89.29 | 27.96 |
| | | XXS | 140 | ... | 1.000 | 8.750 | 30.63 | 60.13 | 0.4176 | 104.13 | 26.06 |
| ... | 160 | ... | 1.125 | 8.500 | 34.02 | 56.75 | 0.3941 | 115.64 | 24.59 | | |

Identification, wall thickness and weights are extracted from ANSI B36.10 and B39.19.
 The notations STD, XS, and XXS indicate Standard, Extra Strong, and Double Extra Strong pipe respectively.
 Transverse internal area values listed in "square feet" also represent volume in cubic feet per foot of pipe length.