

Dimensions and Weights of Steel Pipes - acc. to ASME B 36.10/ASME B 36.19

Blue: Wall Thickness in Millimeters
Red: Weight Per Meter in Kilograms

| PIPE SIZE | O.D. in mm | Carbon Steel | | | | | | | | | | | | | Stainless Steel | | | |
|-----------|------------|----------------|-----------------|-----------------|-----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|---------------|----------------|
| | | 10 | 20 | 30 | 40 | STD | 60 | 80 | XS | 100 | 120 | 140 | 160 | XXS | 5S | 10S | 40S | 80S |
| 1/8" | 10.287 | | | | 1.73 0.37 | 1.73 0.37 | | 2.41 0.47 | 2.41 0.47 | | | | | | | 1.24 0.28 | 1.73 0.36 | 2.41 0.48 |
| 1/4" | 13.716 | | | | 2.24 0.63 | 2.24 0.63 | | 3.02 0.80 | 3.02 0.80 | | | | | | | 1.65 0.51 | 2.24 0.64 | 3.02 0.82 |
| 3/8" | 17.145 | | | | 2.31 0.84 | 2.31 0.84 | | 3.20 1.10 | 3.20 1.10 | | | | | | | 1.65 0.64 | 2.31 0.86 | 3.20 1.12 |
| 1/2" | 21.345 | | | | 2.77 1.27 | 2.77 1.27 | | 3.73 1.62 | 3.73 1.62 | | | | 4.78 1.95 | 7.47 2.55 | 1.65 0.82 | 2.11 1.01 | 2.77 1.30 | 3.73 1.65 |
| 3/4" | 26.670 | | | | 2.87 1.69 | 2.87 1.69 | | 3.91 2.20 | 3.91 2.20 | | | | 5.56 2.90 | 7.82 3.64 | 1.65 1.04 | 2.11 1.31 | 2.87 1.71 | 3.91 2.24 |
| 1" | 33.401 | | | | 3.38 2.50 | 3.38 2.50 | | 4.55 3.24 | 4.55 3.24 | | | | 6.35 4.24 | 9.09 5.45 | 1.65 1.33 | 2.77 1.13 | 3.38 2.55 | 4.55 3.29 |
| 1-1/4" | 42.164 | | | | 3.56 3.39 | 3.56 3.39 | | 4.85 4.47 | 4.85 4.47 | | | | 6.35 5.61 | 9.70 7.77 | 1.65 1.68 | 2.77 2.76 | 3.56 3.46 | 4.85 4.56 |
| 1-1/2" | 48.260 | | | | 3.68 4.05 | 3.68 4.05 | | 5.08 5.41 | 5.08 5.41 | | | | 7.14 7.25 | 10.15 9.56 | 1.65 1.95 | 2.77 3.17 | 3.68 4.13 | 5.08 5.51 |
| 2" | 60.325 | | | | 3.91 5.44 | 3.91 5.44 | | 5.54 7.48 | 5.54 7.48 | | | | 8.74 11.11 | 11.07 13.44 | 1.65 2.44 | 2.77 4.01 | 3.91 5.54 | 5.54 7.63 |
| 2-1/2" | 73.025 | | | | 5.16 8.63 | 5.16 8.63 | | 7.01 11.41 | 7.01 11.41 | | | | 9.53 14.92 | 14.02 20.39 | 2.11 3.77 | 3.05 5.36 | 5.16 8.81 | 7.01 11.64 |
| 3" | 88.900 | | | | 5.49 11.29 | 5.49 11.29 | | 7.62 15.27 | 7.62 15.27 | | | | 11.13 21.35 | 15.24 27.68 | 2.11 4.60 | 3.05 6.59 | 5.49 11.52 | 7.62 15.59 |
| 3-1/2" | 101.600 | | | | 5.74 13.57 | 5.74 13.57 | | 8.08 18.63 | 8.08 18.63 | | | | | | 2.11 5.29 | 3.05 7.55 | 5.74 13.88 | 8.08 19.01 |
| 4" | 114.300 | | | | 6.02 16.07 | 6.02 16.07 | | 8.56 22.32 | 8.56 22.32 | | 11.13 28.32 | | 13.49 33.54 | 17.12 41.03 | 2.11 5.96 | 3.05 8.52 | 6.02 16.40 | 8.56 22.77 |
| 5" | 141.300 | | | | 6.55 21.77 | 6.55 21.77 | | 9.53 30.97 | 9.53 30.97 | | 12.70 40.28 | | 15.88 49.11 | 19.05 57.43 | 2.77 9.67 | 3.40 11.82 | 6.55 22.20 | 9.53 31.59 |
| 6" | 168.275 | | | | 7.11 28.26 | 7.11 28.26 | | 10.97 42.56 | 10.97 42.56 | | 14.27 54.20 | | 18.26 67.56 | 21.95 79.22 | 2.77 11.55 | 3.40 14.13 | 7.11 28.83 | 10.97 43.42 |
| 8" | 219.075 | | 6.35 33.31 | 7.04 36.81 | 8.18 42.55 | 8.18 42.55 | 10.31 53.08 | 12.70 64.64 | 12.70 64.64 | 15.09 75.92 | 18.26 90.44 | 20.62 100.27 | 23.01 111.27 | 22.23 107.92 | 2.77 15.09 | 3.76 20.37 | 8.18 43.39 | 12.70 65.95 |
| 10" | 273.050 | | 6.35 41.77 | 7.80 51.03 | 9.27 60.31 | 9.27 60.31 | 12.70 81.55 | 15.09 96.01 | 12.70 81.55 | 18.26 114.75 | 21.44 133.06 | 25.40 155.15 | 28.58 172.33 | 25.40 155.15 | 3.40 23.08 | 4.19 28.34 | 9.27 61.52 | 12.70 83.19 |
| 12" | 323.850 | | 6.35 49.73 | 8.38 65.20 | 10.31 79.73 | 9.53 73.88 | 14.27 108.96 | 17.48 132.08 | 12.70 97.46 | 21.44 159.91 | 25.40 186.97 | 28.58 208.14 | 33.32 238.76 | 25.40 186.97 | 3.96 31.89 | 4.57 36.73 | 9.52 75.32 | 12.70 99.43 |
| 14" | 355.600 | 6.35 54.69 | 7.92 67.90 | 9.53 81.33 | 11.13 94.55 | 9.53 81.33 | 15.09 126.71 | 19.05 158.10 | 12.70 107.39 | 23.83 194.96 | 27.79 224.65 | 31.75 253.56 | 35.71 281.70 | | 3.96 35.06 | 4.78 42.14 | | |
| 16" | 406.400 | 6.35 62.64 | 7.92 77.83 | 9.53 93.27 | 12.70 123.30 | 9.53 93.27 | 16.66 160.12 | 21.44 203.53 | 12.70 123.30 | 26.19 245.66 | 30.96 286.64 | 36.53 333.19 | 40.49 365.35 | | 4.19 42.41 | 4.78 48.26 | | |
| 18" | 457.200 | 6.35 70.57 | 7.92 87.71 | 11.13 122.38 | 14.27 155.80 | 9.53 105.16 | 19.05 205.74 | 23.83 254.55 | 12.70 139.15 | 29.36 309.62 | 34.93 363.56 | 39.67 408.26 | 45.24 459.37 | | 4.19 47.77 | 4.78 54.36 | | |
| 20" | 508.000 | 6.35 78.55 | 9.53 117.15 | 12.70 155.12 | 15.09 183.42 | 9.53 117.15 | 20.62 247.83 | 26.19 311.17 | 12.70 155.12 | 32.54 381.53 | 38.10 441.49 | 44.45 508.11 | 50.01 564.81 | | 4.78 60.46 | 5.54 70.00 | | |
| 22" | 558.800 | 6.35 86.54 | 9.53 129.13 | 12.70 171.09 | | 9.53 129.13 | 22.23 294.25 | 28.58 373.83 | 12.70 171.09 | 34.93 451.42 | 41.28 527.02 | 47.63 600.63 | 53.98 672.26 | | 4.78 66.57 | 5.54 77.06 | | |
| 24" | 609.600 | 6.35 94.53 | 9.53 141.12 | 14.27 209.64 | 17.48 255.41 | 9.53 141.12 | 24.61 355.26 | 30.96 442.08 | 12.70 187.06 | 38.89 547.71 | 46.02 640.03 | 52.37 720.15 | 59.54 808.22 | | 5.54 84.16 | 6.35 96.37 | | |
| 26" | 660.400 | 7.92 127.36 | 12.70 202.72 | | | 9.53 152.87 | | | 12.70 202.72 | | | | | | | | | |
| 28" | 711.200 | 7.92 137.32 | 12.70 218.69 | 15.88 271.21 | | 9.53 164.85 | | | 12.70 218.69 | | | | | | | | | |
| 30" | 762.000 | 7.92 147.28 | 12.70 234.67 | 15.88 292.18 | | 9.53 176.84 | | | 12.70 234.67 | | | | | | 6.35 120.72 | 7.92 150.36 | | |
| 32" | 812.800 | 7.92 157.24 | 12.70 250.64 | 15.88 312.15 | 17.48 342.91 | 9.53 188.82 | | | 12.70 250.64 | | | | | | | | | |
| 34" | 863.600 | 7.92 167.20 | 12.70 266.61 | | 17.48 364.90 | 9.53 200.31 | | | 12.70 266.61 | | | | | | | | | |
| 36" | 914.400 | 7.92 176.96 | 12.70 282.27 | 15.88 351.70 | 19.05 420.42 | 9.53 212.56 | | | 12.70 282.27 | | | | | | | | | |
| 38" | 956.000 | | | | | 9.53 224.54 | | | 12.70 298.24 | | | | | | | | | |
| 40" | 1016.00 | | | | | 9.53 236.53 | | | 12.70 314.22 | | | | | | | | | |
| 42" | 1066.80 | | | | | 9.53 248.52 | | | 12.70 330.19 | | | | | | | | | |
| 44" | 1118.00 | | | | | 9.53 260.50 | | | 12.70 346.16 | | | | | | | | | |
| 46" | 1168.00 | | | | | 9.53 272.25 | | | 12.70 351.82 | | | | | | | | | |
| 48" | 1219.20 | | | | | 9.53 284.24 | | | 12.70 377.79 | | | | | | | | | |



لوله های کربن استیل، استنلس استیل، آلیاژی و گالوانیزه در سایزهای مختلف بصورت درزدار، درز مخفی، بدون درز و اسپیرال از سایز "۱/۸ تا ۷۲" در رده های مختلف منطبق بر استانداردها

PIPE & TUBE

Kind of Material: Carbon Steel (C.S), Stainless Steel (S.S), Low/ High Alloy Steel (A.S), Special Material (Monel, Inconel, Hastalloy, ...)

Size Ranges: 1/8" – 72"

Thickness: Sch5s - Sch160

Material Standard & Grade: API5L(GrB , x42,x45,...), ASTM(A53 ,A106GrB, A333 Gr6, ...), ASTM A312 TP (304, 316, 321, 347), ASTM (A335, A450, A530,...), ST (33.2, 37, 35.8, ...), etc...

Type: Seamless pipe & Tube (SMLS)

Electric Resistance Welding pipe (ERW)

Large Diameter Arc welding pipe (SRW)

Spiral Welded pipe (SSAW)

Butt Welded pipe (BW)

Galvanized pipe (GALV)

Coating pipe

Line pipe

Boiler & Heat Exchanger Tubes

ارائه خدمات مشاوره ای در زمینه انتخاب تجهیزات مورد نیاز پروژه های صنعتی

