



# PIPE DIMENSIONS & WEIGHTS

| Pipe Size (In.) | O.D. In Inches | 5S     | 5      | 10S    | 10     | 20     | 30    | 40     | 40S STD. | 60    | 80     | 80S XH | 100   | 120   | 140    | 160   | DBL XXH |
|-----------------|----------------|--------|--------|--------|--------|--------|-------|--------|----------|-------|--------|--------|-------|-------|--------|-------|---------|
| 1/8             | 0.405          | 0.035  | 0.049  | 0.049  |        |        |       | 0.068  | 0.068    |       | 0.095  | 0.095  |       |       |        |       |         |
|                 |                | 0.1383 | 0.1863 | 0.1863 |        |        |       | 0.2447 | 0.2447   |       | 0.3145 | 0.3145 |       |       |        |       |         |
| 1/4             | 0.54           | 0.049  | 0.065  | 0.065  |        |        |       | 0.088  | 0.088    |       | 0.119  | 0.119  |       |       |        |       |         |
|                 |                | 0.257  | 0.3297 | 0.3297 |        |        |       | 0.4248 | 0.4248   |       | 0.5351 | 0.5351 |       |       |        |       |         |
| 3/8             | 0.675          | 0.049  | 0.065  | 0.065  |        |        |       | 0.091  | 0.091    |       | 0.126  | 0.126  |       |       |        |       |         |
|                 |                | 0.3276 | 0.4235 | 0.4235 |        |        |       | 0.5676 | 0.5676   |       | 0.7388 | 0.7388 |       |       |        |       |         |
| 1/2             | 0.84           | 0.065  | 0.083  | 0.083  |        |        |       | 0.109  | 0.109    |       | 0.147  | 0.147  |       |       |        | 0.187 | 0.294   |
|                 |                | 0.5383 | 0.5383 | 0.671  | 0.671  |        |       | 0.851  | 0.851    |       | 1.088  | 1.088  |       |       |        | 1.304 | 1.714   |
| 3/4             | 1.05           | 0.065  | 0.083  | 0.083  |        |        |       | 0.113  | 0.113    |       | 0.154  | 0.154  |       |       |        | 0.218 | 0.308   |
|                 |                | 0.6838 | 0.6838 | 0.8572 | 0.8572 |        |       | 1.131  | 1.131    |       | 1.474  | 1.474  |       |       |        | 1.937 | 2.441   |
| 1               | 1.315          | 0.065  | 0.083  | 0.083  |        |        |       | 0.133  | 0.133    |       | 0.179  | 0.179  |       |       |        | 0.25  | 0.358   |
|                 |                | 0.8678 | 0.8678 | 1.404  | 1.404  |        |       | 1.679  | 1.679    |       | 2.172  | 2.172  |       |       |        | 2.844 | 3.659   |
| 1-1/4           | 1.66           | 0.065  | 0.109  | 0.109  |        |        |       | 0.14   | 0.14     |       | 0.191  | 0.191  |       |       |        | 0.25  | 0.382   |
|                 |                | 1.107  | 1.107  | 1.806  | 1.806  |        |       | 2.273  | 2.273    |       | 2.997  | 2.997  |       |       |        | 3.765 | 5.214   |
| 1-1/2           | 1.9            | 0.065  | 0.109  | 0.109  |        |        |       | 0.145  | 0.145    |       | 0.2    | 0.2    |       |       |        | 0.281 | 0.4     |
|                 |                | 1.274  | 1.274  | 2.085  | 2.085  |        |       | 2.718  | 2.718    |       | 3.361  | 3.361  |       |       |        | 4.859 | 6.408   |
| 2               | 2.375          | 0.065  | 0.109  | 0.109  |        |        |       | 0.154  | 0.154    |       | 0.218  | 0.218  |       |       |        | 0.343 | 0.436   |
|                 |                | 1.604  | 1.604  | 2.638  | 2.638  |        |       | 3.653  | 3.653    |       | 5.022  | 5.022  |       |       |        | 7.444 | 9.029   |
| 2-1/2           | 2.875          | 0.083  | 0.12   | 0.12   |        |        |       | 0.203  | 0.203    |       | 0.276  | 0.276  |       |       |        | 0.375 | 0.552   |
|                 |                | 2.475  | 2.475  | 3.531  | 3.531  |        |       | 5.793  | 5.793    |       | 7.661  | 7.661  |       |       |        | 10.01 | 13.7    |
| 3               | 3.5            | 0.083  | 0.12   | 0.12   |        |        |       | 0.216  | 0.216    |       | 0.3    | 0.3    |       |       |        | 0.438 | 0.6     |
|                 |                | 3.029  | 3.029  | 4.332  | 4.332  |        |       | 7.576  | 7.576    |       | 10.25  | 10.25  |       |       |        | 14.32 | 18.58   |
| 3-1/2           | 4              | 0.083  | 0.12   | 0.12   |        |        |       | 0.226  | 0.226    |       | 0.318  | 0.318  |       |       |        |       | 0.636   |
|                 |                | 3.472  | 3.472  | 4.973  | 4.973  |        |       | 9.109  | 9.109    |       | 12.51  | 12.51  |       |       |        |       | 22.85   |
| 4               | 4.5            | 0.083  | 0.12   | 0.12   |        |        |       | 0.237  | 0.237    | 0.281 | 0.337  | 0.337  |       | 0.438 |        | 0.531 | 0.674   |
|                 |                | 3.915  | 3.915  | 5.613  | 5.613  |        |       | 10.79  | 10.79    | 12.66 | 14.98  | 14.98  |       | 19.01 |        | 22.51 | 27.54   |
| 4-1/2           | 5              |        |        |        |        |        |       |        | 0.247    |       |        | 0.355  |       |       |        |       | 0.71    |
|                 |                |        |        |        |        |        |       |        |          |       |        |        |       |       |        |       | 32.53   |
| 5               | 5.563          | 0.109  | 0.134  | 0.134  |        |        |       | 0.258  | 0.258    |       | 0.375  | 0.375  |       | 0.5   |        | 0.625 | 0.75    |
|                 |                | 6.349  | 6.349  | 7.77   | 7.77   |        |       | 14.62  | 14.62    |       | 20.78  | 20.78  |       | 27.04 |        | 32.96 | 38.55   |
| 6               | 6.625          | 0.109  | 0.134  | 0.134  |        |        |       | 0.28   | 0.28     |       | 0.432  | 0.432  |       | 0.562 |        | 0.719 | 0.864   |
|                 |                | 7.585  | 7.585  | 9.29   | 9.289  |        |       | 18.97  | 18.97    |       | 28.57  | 28.57  |       | 36.39 |        | 45.3  | 73.882  |
| 7               | 7.625          |        |        |        |        |        |       |        | 0.301    |       |        | 0.5    |       |       |        |       |         |
|                 |                |        |        |        |        |        |       |        | 23.57    |       |        | 38.05  |       |       |        |       |         |
| 8               | 8.625          | 0.109  | 0.148  | 0.148  | 0.25   | 0.277  | 0.322 | 0.322  | 0.406    | 0.5   | 0.5    | 0.594  | 0.719 | 0.812 | 0.906  | 0.875 |         |
|                 |                | 9.914  | 9.914  | 13.4   | 13.4   | 22.36  | 24.7  | 28.55  | 28.55    | 35.64 | 43.39  | 43.39  | 50.87 | 60.63 | 67.76  | 74.69 | 73.88   |
| 9               | 9.625          |        |        |        |        |        |       |        | 0.342    |       |        | 0.5    |       |       |        |       |         |
|                 |                |        |        |        |        |        |       |        | 33.9     |       |        | 48.72  |       |       |        |       |         |
| 10              | 10.75          | 0.134  | 0.165  | 0.165  | 0.25   | 0.307  | 0.365 | 0.365  | 0.5      | 0.593 | 0.5    | 0.719  | 0.844 | 1     | 1.125  | 1     |         |
|                 |                | 15.19  | 15.19  | 18.85  | 18.7   | 28.04  | 34.24 | 40.48  | 40.48    | 54.74 | 64.33  | 64.33  | 76.93 | 89.2  | 104.1  | 115.7 | 104.1   |
| 11              | 11.75          |        |        |        |        |        |       |        | 0.375    |       |        | 0.5    |       |       |        |       |         |
|                 |                |        |        |        |        |        |       |        | 45.55    |       |        | 60.07  |       |       |        |       |         |
| 12              | 12.75          | 0.156  | 0.18   | 0.18   | 0.25   | 0.33   | 0.406 | 0.375  | 0.562    | 0.687 | 0.5    | 0.844  | 1     | 1.125 | 1.312  | 1     |         |
|                 |                | 21.07  | 22.18  | 24.2   | 24.2   | 33.38  | 43.77 | 53.53  | 49.56    | 73.16 | 88.5   | 65.42  | 107.2 | 125.5 | 139.7  | 160.3 | 125.5   |
| 14              | 14             | 0.156  | 0.188  | 0.25   | 0.312  | 0.375  | 0.438 | 0.375  | 0.594    | 0.75  | 0.5    | 0.938  | 1.094 | 1.25  | 1.406  |       |         |
|                 |                | 23.07  | 27.73  | 36.71  | 45.68  | 54.57  | 63.37 | 54.57  | 84.91    | 106.1 | 72.09  | 130.7  | 150.7 | 170.2 | 189.1  |       |         |
| 16              | 16             | 0.165  | 0.188  | 0.25   | 0.312  | 0.375  | 0.5   | 0.375  | 0.656    | 0.843 | 0.5    | 1.031  | 1.219 | 1.438 | 1.594  |       |         |
|                 |                | 27.9   | 31.75  | 42.05  | 52.36  | 62.58  | 82.77 | 62.58  | 107.5    | 136.5 | 82.77  | 164.8  | 192.3 | 223.5 |        |       |         |
| 18              | 18             | 0.165  | 0.188  | 0.25   | 0.312  | 0.437  | 0.562 | 0.375  | 0.75     | 0.937 | 0.5    | 1.156  | 1.375 | 1.562 | 1.781  |       |         |
|                 |                | 31.43  | 35.76  | 47.39  | 59.03  | 82.15  | 104.8 | 70.59  | 138.2    | 170.8 | 93.45  | 208    | 244.1 | 274.2 | 308.5  |       |         |
| 20              | 20             | 0.188  | 0.218  | 0.25   | 0.375  | 0.5    | 0.594 | 0.375  | 0.812    | 1.031 | 0.5    | 1.28   | 1.5   | 1.75  | 1.969  |       |         |
|                 |                | 39.78  | 46.05  | 52.73  | 78.6   | 104.13 | 122.9 | 78.6   | 166.4    | 208.9 | 104.1  | 256.1  | 296.4 | 341.1 | 379.17 |       |         |
| 24              | 24             | 0.218  | 0.25   | 0.25   | 0.375  | 0.562  | 0.687 | 0.375  | 0.968    | 1.218 | 0.5    | 1.531  | 1.812 | 2.062 | 2.344  |       |         |
|                 |                | 55.37  | 63.41  | 63.41  | 94.62  | 140.8  | 171.2 | 94.62  | 238.1    | 296.4 | 125.5  | 367.4  | 429.4 | 483.1 | 542.13 |       |         |
| 26              | 26             |        |        | 0.312  | 0.5    |        |       | 0.375  |          |       | 0.5    |        |       |       |        |       |         |
|                 |                |        |        | 85.6   | 136.2  |        |       |        | 102.6    |       |        | 136.2  |       |       |        |       |         |
| 28              | 28             |        |        | 0.312  | 0.5    | 0.625  |       | 0.375  |          |       | 0.5    |        |       |       |        |       |         |
|                 |                |        |        | 92.26  | 146.85 | 182.7  |       |        | 110.6    |       |        | 146.8  |       |       |        |       |         |
| 30              | 30             | 0.25   |        | 0.312  | 0.5    | 0.625  |       | 0.375  |          |       | 0.5    |        |       |       |        |       |         |
|                 |                | 81.03  |        | 98.93  | 157.53 | 196.1  |       |        | 118.6    |       |        | 157.5  |       |       |        |       |         |
| 32              | 32             |        |        | 0.312  | 0.5    | 0.625  | 0.688 | 0.375  |          |       | 0.5    |        |       |       |        |       |         |
|                 |                |        |        | 105.6  | 168.2  | 209.4  | 230.1 | 126.7  |          |       | 168.2  |        |       |       |        |       |         |
| 34              | 34             |        |        | 0.312  | 0.5    | 0.625  | 0.688 | 0.375  |          |       | 0.5    |        |       |       |        |       |         |
|                 |                |        |        | 112.25 | 178.9  | 222.8  | 244.8 | 134.7  |          |       | 178.9  |        |       |       |        |       |         |
| 36              | 36             |        |        | 0.312  |        | 0.625  | 0.75  | 0.375  |          |       | 0.5    |        |       |       |        |       |         |
|                 |                |        |        | 118.9  |        | 236.1  | 282.3 | 142.7  |          |       | 189.6  |        |       |       |        |       |         |
| 40              | 40             |        |        |        |        |        |       | 0.375  |          |       | 0.5    |        |       |       |        |       |         |
|                 |                |        |        |        |        |        |       | 158.7  |          |       | 210.93 |        |       |       |        |       |         |
| 44              | 44             |        |        |        |        |        |       | 0.375  |          |       | 0.5    |        |       |       |        |       |         |
|                 |                |        |        |        |        |        |       | 174.72 |          |       | 232.29 |        |       |       |        |       |         |
| 48              | 48             |        |        |        |        |        |       | 0.375  |          |       | 0.5    |        |       |       |        |       |         |
|                 |                |        |        |        |        |        |       | 190.74 |          |       | 253.65 |        |       |       |        |       |         |

WEIGHT FACTORS FOR NICKEL AND OTHER ALLOYS

|                  |       |
|------------------|-------|
| Titanium         | 0.582 |
| Carbon Steel     | 0.993 |
| Alloy 2205       | 0.997 |
| Alloy 800        | 1.025 |
| Alloy 825        | 1.039 |
| Alloy 625        | 1.068 |
| Alloy 600        | 1.074 |
| Alloy C-276      | 1.129 |
| Alloy 400        | 1.139 |
| Nickel           | 1.146 |
| Cu-Nickel 70/300 | 1.18  |

52" & LARGER - WALL THICKNESS/LBS. PER FT.

|    |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|
| 52 | WT     | 0.375  | 0.5    | 0.625  | 0.75   | 0.875  |
|    | LBS/FT | 206.76 | 275.01 | 342.93 | 410.51 | 477.76 |
| 56 | WT     | 0.375  | 0.5    | 0.625  | 0.75   | 0.875  |
|    | LBS/FT | 222.78 | 296.37 | 369.93 | 442.55 | 515.14 |
| 60 | WT     | 0.375  | 0.5    | 0.625  | 0.75   | 0.875  |
|    | LBS/FT | 238.8  | 317.73 | 396.33 | 474.59 | 552.52 |

WALL THICKNESS IN INCHES  
STEEL WEIGHT IN LBS. PER FT.

To calculate the theoretical weight of various metals: multiply the weight of an equivalent piece of steel by the appropriate factor (see chart above).

To calculate weight per ft. for round steel tubing: (Diameter - wall) x (wall x 10.68) = Wt. per ft.

PLEASE NOTE:  
WALL THICKNESS IS WHITE BAR  
WEIGHT IS RED BAR