# STANDARD PIPE SIZE

## API ERW WELDED CARBON STEEL PIPE

**Welded Carbon Steel Pipe for LINE PIPE Specificaiton:**

Diameter 15~1200 | wall thickness 3~30

Material: ASTM A53 Gr.B, ASTM A106 Gr. A/B/C, 20#, 20G, Q345E, API 5L, X52, X42,ST37.0 STPG.K55, STK490, GB/T8163-1999, GB3087-1999, GB5310-1995 standards.

**Our products widely uses in the electric power, the thermal energy, offshore oil piling, chemicals, water supply , transporting natural gas, petrol , piling, building bridge, steel structures, and other engineering fields**

**Length of Pipe: Random Lengths,Range 1(5.8 or 6M) Range 2 (9M) Range 12M**

Our products widely uses in the electric power, the thermal energy, offshore oil piling, chemicals, water supply , transporting natural gas, petrol , piling, building bridge, steel structures, and other engineering fields

**Schedule | O.D in inch | Wall Thickness in inch | I.D in inch**

| PIPE SIZE | O.D IN INCHES | 5 | 10 | 20 | 30 | 40 | STD | 60 | 80 | XH | 100 | 120 | 140 | 160 | XXH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 / 8 | 0.405 | **0.35** .1383 | .049 .1863 | - | - | .068 .2447 | .068 .2447 | - | .095 .3145 | .095 .3145 | - | - | - | - | - |
| 1/ 4 | 0.540 | **0.49** .2570 | .065 .3297 | - | - | .088 .4248 | .088 .4248 | - | .119 .5351 | .119 .5351 | - | - | - | - | - |
| 3 / 8 | 0.675 | **0.049** .3276 | .065 .4235 | - | - | .091 .5676 | .091 .5676 | - | .126 .7388 | .126 .7388 | - | - | - | - | - |
| 1 / 2 | 0.840. | **.065** .5383 | .083 .6710 | - | - | .109 .8510 | .109 .8510 | - | .146 1.088 | .147 1.088 | - | - | - | .187 1.304 | .294 1.714 |
| 3 / 4 | 1.050 | **.065** .6878 | .083 .8572 | - | - | .113 1.131 | .113 1.131 | - | .1554 1.474 | .154 1.474 | - | - | - | .218 1.937 | .308 2.441 |
| 1 | 1.315 | .065 .8678 | .109 1.404 | - | - | .133 1.679 | .144 1.670 | - | .179 2.172 | .179 2.172 | - | - | - | .250 2.844 | .358 3.650 |
| 1.1/4 | 1.660 | .065 1.107 | .109 1.806 | - | - | .140 2.273 | .140 2.273 | - | .191 2.997 | .191 2.997 | - | - | - | .250 3.675 | .382 5.214 |
| 1.1/2 | 1.900 | .065 1.274 | .109 2.805 | - | - | .145 2.718 | .145 2.718 | - | .200 3.631 | .200 3.631 | - | - | - | .281 4.859 | .400 6.408 |
| 2 | 2.375 | .065 1.604 | .109 2.638 | - | - | .154 3.653 | .154 3.653 | - | .218 5.022 | .218 5.022 | - | - | - | .343 7.444 | .436 9.029 |
| 2.1/2 | 2.875 | .083 2.475 | .120 3.531 | - | - | .203 5.793 | .203 5.793 | - | .276 7.661 | .276 7.661 | - | - | - | .375 10.01 | .552 13.70 |
| 3 | 3.50 | .083 3.029 | .120 4.332 | - | - | .216 7.576 | .216 7.576 | - | .300 10.25 | .300 10.25 | - | - | - | 4.37 14.32 | .600 18.58 |
| 3.1/2 | 4.0 | .083 3.472 | .120 4.973 | - | - | .226 9.109 | .226 9.109 | - | .318 12.51 | .318 12.51 | - | - | - | - | .636 22.85 |
| 4 | 4.5 | .083 3.915 | .120 5.613 | - | - | .237 10.79 | .237 10.79 | .281 12.66 | .337 14.98 | .337 14.98 | - | .437 19.01 | - | .531 22.51 | .674 27.54 |
| 4.1/2 | 5.00 | - | - | - | - | - | .247 12.53 | - | - | .355 17.61 | - | - | - | - | .710 32.53 |
| 5 | 5.563 | .109 6.349 | .134 7.770 | - | - | .258 14.62 | .258 14.62 | - | .375 20.78 | .375 20.78 | - | .500 27.04 | - | .625 32.96 | .750 38.55 |
| 6 | 6.625 | .109 7.585 | .134 9.289 | - | - | .280 18.97 | .280 18.97 | - | .432 28.57 | .432 28.57 | - | .562 36.39 | - | .718 45.30 | .864 53.16 |
| 7 | 7.625 | - | - | - | - | - | .301 23.57 | - | - | .050 38.05 | - | - | - | - | .875 63.08 |
| 8 | 8.625 | .109 9.914 | .148 13.40 | .250 22.36 | .277 24.70 | .322 28.55 | .322 28.55 | .406 35.64 | .500 43.39 | .500 43.39 | .593 50.87 | .718 60.63 | .812 67.76 | .906 74.69 | .875 72.42 |
| 9 | 9.625 | - | - | - | - | - | .342 33.90 | - | - | .500 48.72 | | - | - | - | - |
| 10 | 10.75 | .134 15.19 | .165 18.70 | .250 28.04 | .307 34.24 | .365 40.48 | .365 40.48 | .500 54.74 | .593 64.33 | .500 54.74 | .718 76.93 | .843 107.2 | 1.000 104.1 | 1.125 115.7 | - |
| 11 | 11.75 | - | - | - | - | - | .375 45.55 | - | - | .500 60.07 | - | - | - | - | - |
| 12 | 12.75 | .165 22.18 | .180 24.20 | .250 33.38 | .330 43.77 | .406 53.53 | .375 49.56 | .688 88.51 | .562 73.16 | .500 65.42 | 8.43 107.2 | 1.00 125.5 | 1.125 139.7 | 1.312 160.3 | - |
| 14 | 14.00 | - | .250 36.71 | .312 45.68 | .375 54.57 | .437 63.37 | .375 54.57 | .750 106.1 | .593 84.91 | .500 72.09 | .937 130.7 | 1.093 150.7 | 1.250 170.2 | 1.406 189.1 | - |
| 16 | 16.00 | - | .250 42.05 | .312 45.68 | .375 62.58 | .500 82.77 | .375 62.58 | .843 136.5 | .656 107.5 | .500 82.77 | 1.031 164.80 | 1.218 192.3 | 1.437 223.5 | 1.592 245.1 | - |
| 18 | 18.00 | - | .250 47.30 | .312 52.36 | .437 82.06 | .562 104.8 | .375 70.59 | .937 170.8 | .750 138.2 | .500 93.45 | 1.156 208.0 | 1.375 244.1 | 1.562 274.2 | 1.781 308.5 | - |
| PIPE SIZE | O.D IN INCHES | 5 | 10 | 20 | 30 | 40 | STD | 60 | 80 | XH | 100 | 120 | 140 | 160 | XXH |

# STANDARD PIPE SIZE

## API ERW WELDED CARBON STEEL PIPE

| PIPE SIZE | O.D IN INCHES | 5 | 10 | 20 | 30 | 40 | STD | 60 | 80 | XH | 100 | 120 | 140 | 160 | XXH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 20.00 | - | .250<br>52.73 | .375<br>78.60 | .500<br>104.2 | .593<br>122.9 | .375<br>78.60 | .812<br>166.4 | 1.031<br>208.9 | .500<br>104.1 | 1.280<br>256.1 | 1.500<br>296.4 | 1.750<br>341.1 | 1.968<br>379.0 | - |
| 22 | 22.00 | - | .250<br>58.07 | .375<br>86.61 | .500<br>114.8 | - | .375<br>86.61 | .875<br>197.4 | 1.125<br>250.8 | .500<br>114.8 | 1.375<br>302.9 | 1.625<br>353.6 | 1.875<br>403.0 | 2.125<br>451.1 | - |
| 24 | 24.00 | - | .250<br>63.41 | .375<br>94.62 | .562<br>140.8 | .688<br>171.2 | .375<br>94.62 | - | - | .500<br>125.5 | 1.531<br>367.4 | 1.182<br>429.4 | 2.062<br>483.1 | 2.343<br>541.9 | - |
| 26 | 26.00 | - | .312<br>85.60 | .500<br>136.2 | - | - | .375<br>102.6 | - | - | .500<br>136.2 | .750<br>202.3 | 1.000<br>267.0 | 1.256<br>330.4 | 1.500<br>392.5 | 2.000<br>512.6 |
| 28 | 28.00 | - | .312<br>92.36 | .500<br>146.8 | .625<br>182.7 | - | .375<br>110.6 | - | - | .500<br>146.8 | .750<br>218.3 | 1.000<br>288.4 | 1.250<br>357.1 | 1.500<br>424.5 | 2.000<br>555.4 |
| 30 | 30.00 | - | .312<br>98.93 | .500<br>157.5 | .625<br>196.1 | - | .375<br>118.6 | - | - | .500<br>157.5 | .750<br>234.3 | 1.00<br>331.1 | 1.250<br>383.8 | 1.500<br>456.6 | 2.000<br>598.1 |
| 32 | 32.00 | - | .312<br>105.6 | .500<br>168.2 | .625<br>209.4 | - | .375<br>126.7 | - | - | .500<br>168.2 | .750<br>250.3 | 1.000<br>331.1 | 1.250<br>410.6 | 1.500<br>486.6 | 2.000<br>640.8 |
| 34 | 34.00 | - | .312<br>112.3 | .500<br>178.9 | .625<br>222.8 | - | .375<br>134.7 | - | - | .500<br>178.9 | .750<br>266.3 | 1.000<br>352.4 | 1.250<br>437.2 | 1.500<br>520.7 | 2.000<br>683.5 |
| 36 | 36.00 | - | .312<br>118.9 | .500<br>189.6 | .625<br>236.1 | - | .375<br>142.7 | - | - | .500<br>189.0 | .875<br>328.2 | 1.000<br>373.8 | 1.250<br>463.9 | 1.500<br>552.7 | 2.000<br>726.2 |
| 42 | 42.00 | - | - | - | - | - | .375<br>166.7 | - | - | .500<br>221.6 | .750<br>330.4 | 1.000<br>437.9 | 1.250<br>544.0 | 1.500<br>648.8 | 2.000<br>854.4 |
| 48 | 48.00 | - | - | - | - | - | .375<br>190.7 | | | .500<br>253.6 | .750<br>378.5 | 1.000<br>502.0 | 1.250<br>624.1 | 1.500<br>744.9 | 2.000<br>982.6 |
| PIPE SIZE | O.D IN INCHES | 5 | 10 | 20 | 30 | 40 | STD | 60 | 80 | XH | 100 | 120 | 140 | 160 | XXH |