



New-Tech Pipes & Fittings



SEAMLESS STEEL PIPES & TUBES STANDARD SIZES AND WEIGHTS

| Nominal Size | Outside Diameter | | Wall Thickness | | Class | Sched No. | Plain End | | | | | | | | |
|--------------|------------------|--------|----------------|-------|-------|-----------|----------------|-------|-------|-------------------|--------------------|---------|-------|---------|--------------------|
| | | | | | | | Nominal Weight | | | Test Pressure min | | | | | |
| | | | | | | | | | | Butt Weld | | Grade A | | Grade B | |
| inch | inch | mm | inch | mm | - | - | lb/ft | kg/ft | kg/m | psi | kg/cm ² | psi | kg/cm | psi | kg/cm ² |
| 1/8 | .405 | 10.30 | .068 | 1.7 | std. | 40 | .24 | .11 | .36 | 700 | 49.2 | 700 | 49.2 | 700 | 49.2 |
| | | | .095 | 2.4 | xs | 80 | .31 | .14 | .48 | 850 | 59.8 | 850 | 59.8 | 850 | 59.8 |
| 1/4 | .540 | 13.70 | .088 | 2.2 | std. | 40 | .42 | .19 | .63 | 700 | 49.2 | 700 | 49.2 | 700 | 49.2 |
| | | | .119 | 3.0 | xs | 80 | .54 | .24 | .80 | 850 | 59.8 | 850 | 59.8 | 850 | 59.8 |
| 3/8 | .675 | 17.10 | .091 | 2.3 | std. | 40 | .57 | .26 | .85 | 700 | 49.2 | 700 | 49.2 | 700 | 49.2 |
| | | | .126 | 3.2 | xs | 80 | .74 | .34 | 1.10 | 850 | 59.8 | 850 | 59.8 | 850 | 59.8 |
| 1/2 | .840 | 21.30 | .109 | 2.8 | std. | 40 | .85 | .39 | 1.26 | 700 | 49.2 | 700 | 49.2 | 700 | 49.2 |
| | | | .147 | 3.7 | xs | 80 | 1.09 | .49 | 1.62 | 850 | 59.8 | 850 | 59.8 | 850 | 59.8 |
| | | | .188 | 4.8 | ... | 160 | ... | .59 | 1.95 | ... | ... | ... | ... | ... | ... |
| | | | .294 | 7.5 | xxs | ... | ... | 1.71 | .78 | 2.54 | 1000 | 70.3 | 1000 | 70.3 | 1000 |
| 3/4 | 1.050 | 26.70 | .113 | 2.9 | 2.9 | 40 | 1.13 | .51 | 1.68 | 700 | 49.2 | 700 | 49.2 | 700 | 49.2 |
| | | | .154 | 3.9 | xs | 80 | 1.47 | .67 | 2.19 | 850 | 59.8 | 850 | 59.8 | 850 | 59.8 |
| | | | .219 | 5.6 | ... | 160 | ... | ... | 2.89 | ... | ... | ... | ... | ... | ... |
| | | | .308 | 7.8 | xxs | ... | ... | 2.44 | 1.11 | 3.63 | 1000 | 70.3 | 1000 | 70.3 | 1000 |
| 1 | 1.315 | 33.40 | .133 | 3.4 | std. | 40 | 1.68 | 0.76 | 2.50 | 700 | 49.2 | 700 | 49.2 | 700 | 49.2 |
| | | | .179 | 4.5 | xs | 80 | 2.17 | 0.98 | 3.23 | 850 | 59.8 | 850 | 59.8 | 850 | 59.8 |
| | | | .250 | 6.4 | ... | 160 | ... | ... | 4.23 | ... | ... | ... | ... | ... | ... |
| | | | .358 | 9.1 | xxs | ... | ... | 3.66 | 1.66 | 5.45 | 1000 | 70.3 | 1000 | 70.3 | 1000 |
| 1 1/4 | 1.660 | 42.20 | .140 | 3.6 | std. | 40 | 2.27 | 1.03 | 3.38 | 1000 | 70.3 | 1000 | 70.3 | 1100 | 77.3 |
| | | | .191 | 4.9 | xs | 80 | 3.00 | 1.36 | 4.46 | 1300 | 91.4 | 1500 | 105.5 | 1600 | 112.5 |
| | | | .250 | 6.4 | ... | 160 | ... | ... | 5.60 | ... | ... | ... | ... | ... | ... |
| | | | .382 | 9.7 | xxs | ... | ... | 5.21 | 2.36 | 7.77 | 1400 | 98.4 | 1800 | 126.6 | 1900 |
| 1 1/2 | 1.900 | 48.30 | .145 | 3.7 | std. | 40 | 2.72 | 1.23 | 4.05 | 1000 | 70.3 | 1000 | 70.3 | 1100 | 77.3 |
| | | | .200 | 5.1 | xs | 80 | 3.63 | 1.65 | 5.40 | 1300 | 91.4 | 1500 | 105.5 | 1600 | 112.5 |
| | | | .281 | 7.1 | ... | 160 | ... | ... | 7.23 | ... | ... | ... | ... | ... | ... |
| | | | .400 | 10.2 | xxs | ... | ... | 6.41 | 2.91 | 9.54 | 1400 | 98.4 | 1800 | 126.6 | 1900 |
| 2 | 2.375 | 60.30 | .154 | 3.9 | std. | 40 | 3.65 | 1.66 | 5.43 | 1000 | 70.3 | 2300 | 161.7 | 2500 | 175.8 |
| | | | .218 | 5.5 | xs | 80 | 5.02 | 2.28 | 7.47 | 1300 | 91.4 | 2500 | 175.8 | 2500 | 175.8 |
| | | | .344 | 8.7 | ... | 160 | ... | ... | 11.10 | ... | ... | ... | ... | ... | ... |
| | | | .436 | 11.1 | xxs | ... | ... | 9.03 | 4.10 | 13.44 | 1400 | 98.4 | 2500 | 175.8 | 2500 |
| 2 1/2 | 2.875 | 73.00 | .203 | 5.2 | std. | 40 | 5.79 | 2.63 | 8.62 | 1000 | 70.3 | 2500 | 175.8 | 2500 | 175.8 |
| | | | .276 | 7.0 | xs | 80 | 7.66 | 3.47 | 11.40 | 1300 | 91.4 | 2500 | 175.8 | 2500 | 175.8 |
| | | | .375 | 9.5 | ... | 160 | ... | ... | 14.90 | ... | ... | ... | ... | ... | ... |
| | | | .552 | 14.0 | xxs | ... | ... | 13.70 | 6.21 | 20.39 | 1400 | 98.4 | 2500 | 175.8 | 2500 |
| 3 | 3.500 | 88.90 | .188 | 4.8 | ... | ... | 6.63 | 3.01 | 9.87 | 1000 | 70.3 | ... | ... | ... | ... |
| | | | .216 | 5.5 | std. | 40 | 7.58 | 3.44 | 11.28 | 1000 | 70.3 | 2200 | 154.7 | 2500 | 175.8 |
| | | | .300 | 7.6 | xs | 80 | 10.25 | 4.65 | 15.25 | 1300 | 91.4 | 2500 | 175.8 | 2500 | 175.8 |
| | | | .438 | 11.1 | ... | 160 | ... | ... | 21.30 | ... | ... | ... | ... | ... | ... |
| 3 1/2 | 4.000 | 101.60 | .188 | 4.8 | ... | ... | 7.63 | 3.46 | 11.35 | 1200 | 84.4 | ... | ... | ... | ... |
| | | | .226 | 5.7 | std. | 40 | 9.11 | 4.13 | 13.56 | 1200 | 84.4 | 2000 | 140.6 | 2400 | 168.7 |
| | | | .318 | 8.1 | xs | 80 | 12.51 | 5.67 | 18.62 | 1700 | 119.5 | 2800 | 196.9 | 2800 | 196.9 |
| | | | ... | 16.20 | xxs | ... | ... | ... | 10.40 | ... | ... | ... | ... | ... | ... |
| 4 | 4.500 | 114.30 | .156 | 4.0 | ... | ... | 7.25 | 3.29 | 10.79 | 1000 | 70.3 | ... | ... | ... | ... |
| | | | .188 | 4.8 | ... | ... | 8.64 | 3.92 | 12.86 | 1200 | 84.4 | ... | ... | ... | ... |
| | | | .219 | 5.6 | ... | ... | 10.00 | 4.54 | 14.88 | 1200 | 84.4 | ... | ... | ... | ... |
| | | | .237 | 6.0 | std. | 40 | 10.79 | 4.89 | 16.08 | 1200 | 84.4 | 1900 | 133.6 | 2200 | 154.7 |
| | | | .337 | 8.6 | xs | 80 | 14.98 | 6.73 | 22.29 | 1700 | 119.5 | 2700 | 189.8 | 2800 | 196.9 |
| | | | .438 | 11.1 | ... | 120 | 18.98 | 8.61 | 28.25 | ... | ... | 2800 | 196.9 | 2800 | 196.9 |
| | | | .531 | 13.5 | ... | 160 | 22.52 | 10.21 | 33.51 | ... | ... | 2800 | 196.9 | 2800 | 196.9 |
| | | | .674 | 17.1 | xxs | ... | ... | 27.54 | 12.49 | 40.98 | ... | ... | 2800 | 196.9 | 2800 |
| 5 | 5.563 | 141.30 | .258 | 6.6 | std. | 40 | 14.62 | 6.63 | 21.76 | ... | ... | 1700 | 119.5 | 1900 | 133.6 |
| | | | .375 | 9.5 | xs | 80 | 20.78 | 9.43 | 30.92 | ... | ... | 2400 | 168.7 | 2800 | 196.9 |
| | | | .500 | 12.7 | ... | 120 | 27.04 | 12.27 | 40.24 | ... | ... | 2800 | 196.9 | 2800 | 196.9 |
| | | | .625 | 15.9 | ... | 160 | 32.96 | 14.96 | 49.05 | ... | ... | 2800 | 196.9 | 2800 | 196.9 |
| | | | .750 | 19.0 | xxs | ... | ... | 38.55 | 17.49 | 57.37 | ... | ... | 2800 | 196.9 | 2800 |
| 6 | 6.625 | 168.30 | .280 | 7.1 | std. | 40 | 18.97 | 8.60 | 28.23 | ... | ... | 1500 | 105.5 | 1800 | 126.6 |
| | | | .432 | 11.0 | xs | 80 | 28.57 | 12.96 | 42.52 | ... | ... | 2300 | 161.7 | 2700 | 189.8 |
| | | | .562 | 14.3 | ... | 120 | 36.42 | 16.52 | 54.20 | ... | ... | 2800 | 196.9 | 2800 | 196.9 |
| | | | .719 | 18.3 | ... | 160 | 45.34 | 20.57 | 67.47 | ... | ... | 2800 | 196.9 | 2800 | 196.9 |
| | | | .864 | 21.9 | xxs | ... | ... | 53.16 | 24.11 | 79.11 | ... | ... | 2800 | 196.9 | 2800 |

PLEASE NOTE : If the item you need is not found in this catalogue please do write to us. We can supply with your special requirements in Pipes and Tubes size 6 mm to 12 mm wall thickness.

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New-Tech Pipes & Fittings



SEAMLESS PIPES • HYDRAULIC TUBES STANDARD SIZES AND WEIGHTS

| Nominal Size | Outside Diameter | | Wall Thickness | | Class | Sched No. | Plain End | | | | | | | | | | | |
|--------------|------------------|--------|----------------|--------|--------|-----------|----------------|--------|--------|-------------------|--------------------|---------|-------|---------|--------------------|------|------|------|
| | | | | | | | Nominal Weight | | | Test Pressure min | | | | | | | | |
| | | | | | | | | | | Butt Weld | | Grade A | | Grade B | | | | |
| inch | inch | mm | in | mm | - | - | lb/ft | kg/ft | kg/m | psi | kg/cm ² | psi | kg/cm | psi | kg/cm ² | | | |
| 8 | 8.625 | 219.10 | .250 | 6.4 | ... | 20 | 22.36 | 10.14 | 33.28 | ... | ... | 1000 | 70.3 | 1200 | 84.4 | | | |
| | | | .277 | 7.0 | ... | 30 | 24.70 | 11.20 | 36.76 | ... | ... | 1200 | 84.4 | 1300 | 91.4 | | | |
| | | | .322 | 8.2 | std | 40 | 28.55 | 12.95 | 42.49 | ... | ... | 1300 | 91.4 | 1600 | 112.5 | | | |
| | | | .406 | 10.3 | ... | 60 | 35.66 | 16.18 | 53.07 | ... | ... | 1700 | 119.5 | 2000 | 140.6 | | | |
| | | | .500 | 12.7 | xs | 80 | 43.39 | 19.68 | 64.57 | ... | ... | 2100 | 147.7 | 2400 | 168.7 | | | |
| | | | .594 | 15.1 | ... | 100 | 50.93 | 23.10 | 75.79 | ... | ... | 2500 | 175.8 | 2800 | 196.9 | | | |
| | | | .719 | 18.3 | ... | 120 | 60.69 | 27.53 | 90.32 | ... | ... | 2800 | 196.9 | 2800 | 196.9 | | | |
| | | | .812 | 20.6 | ... | 140 | 67.79 | 30.75 | 100.88 | ... | ... | 2800 | 196.9 | 2800 | 196.9 | | | |
| | | | .875 | 22.2 | xxs | ... | 72.42 | 32.85 | 107.77 | ... | ... | 2800 | 196.9 | 2800 | 196.9 | | | |
| | | | .906 | 23.0 | ... | 160 | 74.71 | 33.89 | 111.18 | ... | ... | 2800 | 196.9 | 2800 | 196.9 | | | |
| | | | 10 | 10.750 | 273.00 | .250 | 6.4 | ... | 20 | 28.04 | 12.72 | 47.73 | ... | ... | 850 | 59.8 | 1000 | 70.3 |
| | | | | | | .279 | 7.1 | ... | ... | 31.20 | 14.15 | 46.43 | ... | ... | 950 | 66.8 | 1100 | 77.3 |
| .307 | 7.8 | ... | | | | 30 | 34.24 | 15.53 | 50.95 | ... | ... | 1000 | 70.3 | 1200 | 84.4 | | | |
| .365 | 9.3 | std | | | | 40 | 40.48 | 18.36 | 60.24 | ... | ... | 1200 | 84.4 | 1400 | 98.4 | | | |
| .500 | 12.7 | xs | | | | 60 | 54.74 | 24.83 | 81.46 | ... | ... | 1700 | 119.5 | 2000 | 140.6 | | | |
| .594 | 15.1 | ... | | | | 80 | 64.40 | 29.21 | 95.84 | ... | ... | 2000 | 140.6 | 2300 | 161.7 | | | |
| .719 | 18.3 | ... | | | | 100 | 77.00 | 34.93 | 114.59 | ... | ... | 2400 | 168.7 | 2800 | 196.9 | | | |
| .844 | 21.4 | ... | | | | 120 | 89.27 | 40.49 | 132.85 | ... | ... | 2800 | 196.9 | 2800 | 196.9 | | | |
| 1.000 | 25.4 | xxs | | | | 140 | 104.13 | 47.23 | 154.96 | ... | ... | 2800 | 196.9 | 2800 | 196.9 | | | |
| 1.125 | 28.6 | ... | | | | 160 | 115.65 | 52.46 | 172.11 | ... | ... | 2800 | 196.9 | 2800 | 196.9 | | | |
| 12 | 12.750 | 323.80 | | | | .250 | 6.4 | ... | 20 | 33.38 | 15.14 | 49.67 | ... | ... | 700 | 49.2 | 800 | 56.2 |
| | | | | | | .330 | 8.3 | ... | 30 | 43.77 | 19.85 | 65.20 | ... | ... | 950 | 66.8 | 1100 | 77.3 |
| | | | .375 | 9.5 | std | ... | 49.56 | 22.48 | 73.75 | ... | ... | 1100 | 77.3 | 1200 | 84.4 | | | |
| | | | .406 | 10.3 | ... | 40 | 53.56 | 24.29 | 79.71 | ... | ... | 1100 | 77.3 | 1300 | 91.4 | | | |
| | | | .500 | 12.7 | xs | ... | 65.42 | 29.67 | 97.36 | ... | ... | 1400 | 98.4 | 1600 | 112.5 | | | |
| | | | .562 | 14.3 | ... | 60 | 73.22 | 33.21 | 108.96 | ... | ... | 1600 | 112.5 | 1900 | 133.6 | | | |
| | | | .688 | 17.5 | ... | 80 | 88.57 | 40.17 | 131.81 | ... | ... | 1900 | 133.6 | 2300 | 161.7 | | | |
| | | | .844 | 21.4 | ... | 100 | 107.29 | 48.67 | 159.66 | ... | ... | 2400 | 168.7 | 2800 | 196.9 | | | |
| | | | 1.000 | 25.4 | xxs | 120 | 125.49 | 56.92 | 186.75 | ... | ... | 2800 | 196.9 | 2800 | 196.9 | | | |
| | | | 1.125 | 28.6 | ... | 140 | 139.68 | 69.36 | 207.87 | ... | ... | 2800 | 196.9 | 2800 | 196.9 | | | |
| | | | 1.312 | 33.3 | ... | 160 | 160.33 | 72.72 | 238.60 | ... | ... | 2800 | 196.9 | 2800 | 196.9 | | | |
| | | | 14 | 14.000 | 355.60 | .250 | 6.4 | ... | 10 | 36.71 | 16.65 | 54.63 | ... | ... | 650 | 45.7 | 750 | 52.7 |
| .312 | 7.9 | ... | | | | 20 | 45.68 | 20.72 | 67.98 | ... | ... | 800 | 56.2 | 950 | 66.8 | | | |
| .375 | 9.5 | std | | | | 30 | 54.57 | 24.75 | 81.21 | ... | ... | 950 | 66.8 | 1100 | 77.3 | | | |
| .438 | 11.1 | ... | | | | 40 | 63.37 | 28.74 | 94.49 | ... | ... | 1100 | 77.3 | 1300 | 91.4 | | | |
| .500 | 12.7 | xs | | | | ... | 72.09 | 32.70 | 107.28 | ... | ... | 1300 | 91.4 | 1300 | 105.5 | | | |
| .594 | 15.1 | ... | | | | 60 | 85.01 | 38.56 | 126.51 | ... | ... | 1500 | 105.5 | 1500 | 126.6 | | | |
| .750 | 19.0 | ... | | | | 80 | 106.13 | 48.14 | 158.0 | ... | ... | 1900 | 133.6 | 2800 | 161.7 | | | |
| .938 | 23.8 | ... | | | | 100 | 130.79 | 59.33 | 194.64 | ... | ... | 2400 | 168.7 | 2800 | 196.9 | | | |
| 1.094 | 27.8 | ... | | | | 120 | 150.76 | 68.38 | 224.36 | ... | ... | 2800 | 196.9 | 2800 | 196.9 | | | |
| 1.250 | 31.8 | ... | | | | 140 | 170.22 | 77.21 | 253.31 | ... | ... | 2800 | 196.9 | 2800 | 196.9 | | | |
| 1.406 | 35.7 | ... | | | | 160 | 189.15 | 85.80 | 281.49 | ... | ... | 2800 | 196.9 | 2800 | 196.9 | | | |
| 16 | 16.000 | 406.40 | | | | .250 | 6.4 | ... | 10 | 42.05 | 19.07 | 62.58 | ... | ... | 550 | 38.7 | 650 | 47.7 |
| | | | .312 | 7.9 | ... | 20 | 52.36 | 23.75 | 77.92 | ... | ... | 700 | 49.2 | 800 | 56.2 | | | |
| | | | .375 | 9.5 | std | 30 | 62.58 | 28.39 | 93.13 | ... | ... | 850 | 59.8 | 1000 | 70.3 | | | |
| | | | .500 | 12.7 | xs | 40 | 82.77 | 37.54 | 123.18 | ... | ... | 1100 | 77.3 | 1300 | 91.4 | | | |
| | | | .656 | 16.7 | ... | 60 | 107.54 | 48.78 | 160.04 | ... | ... | 1500 | 105.5 | 1700 | 119.5 | | | |
| | | | .844 | 21.4 | ... | 80 | 136.58 | 61.95 | 203.25 | ... | ... | 1900 | 133.6 | 2200 | 154.7 | | | |
| | | | 1.031 | 26.2 | ... | 100 | 164.86 | 74.78 | 245.34 | ... | ... | 2300 | 161.7 | 2700 | 189.8 | | | |
| | | | 1.219 | 31.0 | ... | 120 | 192.40 | 87.27 | 286.32 | ... | ... | 2700 | 189.8 | 2800 | 196.9 | | | |
| | | | 1.438 | 36.5 | ... | 140 | 223.57 | 101.41 | 332.71 | ... | ... | 2800 | 196.9 | 2800 | 196.9 | | | |
| | | | 1.594 | 40.5 | ... | 160 | 245.22 | 111.23 | 364.93 | ... | ... | 2800 | 196.9 | 2800 | 196.9 | | | |
| | | | 18 | 18.000 | 457.20 | .250 | 6.4 | ... | 10 | 47.39 | 21.50 | 70.53 | ... | ... | 500 | 35.2 | 600 | 42.2 |
| | | | | | | .312 | 7.9 | ... | 20 | 59.03 | 26.78 | 87.85 | ... | ... | 600 | 42.2 | 750 | 52.7 |
| .375 | 9.5 | std | | | | ... | 70.59 | 32.02 | 105.05 | ... | ... | 750 | 52.7 | 900 | 63.3 | | | |
| .438 | 11.1 | ... | | | | 30 | 82.06 | 37.22 | 122.12 | ... | ... | 900 | 63.3 | 1000 | 70.3 | | | |
| .500 | 12.7 | xs | | | | ... | 93.45 | 42.39 | 139.07 | ... | ... | 1000 | 70.3 | 1200 | 84.4 | | | |
| .562 | 14.3 | ... | | | | 40 | 104.76 | 47.52 | 155.90 | ... | ... | 1100 | 77.3 | 1300 | 91.4 | | | |
| .750 | 19.0 | ... | | | | 60 | 138.17 | 62.67 | 205.62 | ... | ... | 1500 | 105.5 | 1800 | 126.6 | | | |
| .938 | 23.8 | ... | | | | 80 | 170.84 | 77.49 | 254.24 | ... | ... | 1900 | 133.6 | 2200 | 154.7 | | | |
| 1.156 | 29.4 | ... | | | | 100 | 208.00 | 94.35 | 309.54 | ... | ... | 2300 | 161.7 | 2700 | 189.8 | | | |
| 1.375 | 34.9 | ... | | | | 120 | 244.14 | 110.74 | 363.32 | ... | ... | 2800 | 196.9 | 2800 | 196.9 | | | |
| 1.562 | 39.7 | ... | | | | 140 | 274.30 | 124.42 | 408.20 | ... | ... | 2800 | 196.9 | 2800 | 196.9 | | | |
| 1.731 | 45.2 | ... | | | | 160 | 308.55 | 139.96 | 459.17 | ... | ... | 2800 | 196.9 | 2800 | 196.9 | | | |

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New-Tech Pipes & Fittings



| Nominal Size | Outside Diameter | | Wall Thickness | | Class | Sched No. | Nominal weight | | | Test Pressure min. | | | | | |
|--------------|------------------|--------|----------------|--------|--------|-----------|----------------|--------|--------|--------------------|--------------------|---------|--------------------|---------|--------------------|
| | | | | | | | | | | Butt Weld | | Grade A | | Grade B | |
| | | | | | | | | | | psi | kg/cm ² | psi | kg/cm ² | psi | kg/cm ² |
| 20 | 20.000 | 508.00 | .250 | 6.4 | - | 10 | 52.73 | 23.92 | 78.47 | - | - | 450 | 31.6 | 500 | 35.2 |
| | | | .375 | 9.5 | std | 20 | 78.60 | 35.65 | 116.97 | - | - | 700 | 49.2 | 800 | 56.2 |
| | | | .500 | 12.7 | xs | 30 | 104.13 | 47.23 | 154.96 | - | - | 900 | 63.3 | 1000 | 70.3 |
| | | | .594 | 15.1 | - | 40 | 123.06 | 55.82 | 183.13 | - | - | 1100 | 77.3 | 1200 | 84.4 |
| | | | .812 | 20.6 | - | 60 | 166.50 | 75.52 | 247.78 | - | - | 1500 | 105.5 | 1700 | 119.5 |
| | | | 1.031 | 26.2 | - | 80 | 208.92 | 94.76 | 310.91 | - | - | 1900 | 133.6 | 2200 | 154.7 |
| | | | 1.281 | 32.5 | - | 100 | 256.15 | 116.19 | 381.19 | - | - | 2300 | 161.7 | 2700 | 189.8 |
| | | | 1.500 | 38.1 | - | 120 | 296.37 | 134.43 | 441.05 | - | - | 2700 | 189.8 | 2800 | 196.9 |
| | | | 1.750 | 44.4 | - | 140 | 341.10 | 154.70 | 508.00 | - | - | 2800 | 196.9 | 2800 | 196.9 |
| | | | 1.969 | 50.0 | - | 160 | 379.14 | 171.98 | 564.22 | - | - | 2800 | 196.9 | 2800 | 196.9 |
| 24 | 24.000 | 609.60 | .250 | 6.4 | - | 10 | 63.41 | 28.76 | 94.36 | - | - | 400 | 28.1 | 450 | 31.6 |
| | | | .375 | 9.5 | std | 20 | 94.62 | 42.92 | 140.81 | - | - | 550 | 38.7 | 650 | 45.7 |
| | | | .500 | 12.7 | xs | - | 125.49 | 56.92 | 186.75 | - | - | 750 | 52.7 | 900 | 63.3 |
| | | | .562 | 14.3 | - | 30 | 140.80 | 63.87 | 209.53 | - | - | 850 | 59.8 | 1000 | 70.3 |
| | | | .688 | 17.5 | - | 40 | 171.17 | 77.64 | 254.73 | - | - | 1000 | 70.3 | 1200 | 84.4 |
| | | | .938 | 23.8 | - | - | 230.92 | 104.74 | 343.65 | - | - | - | - | - | - |
| | | | .969 | 24.6 | - | 60 | 238.29 | 108.09 | 354.61 | - | - | 1500 | 105.5 | 1700 | 119.5 |
| | | | 1.219 | 31.0 | - | 90 | 296.53 | 134.50 | 441.28 | - | - | 1800 | 126.6 | 2100 | 147.7 |
| | | | 1.531 | 38.9 | - | 100 | 367.45 | 166.67 | 546.82 | - | - | 2300 | 161.7 | 2700 | 189.8 |
| | | | 1.812 | 46.0 | - | 120 | 429.50 | 194.82 | 639.16 | - | - | 2700 | 189.8 | 2800 | 169.9 |
| 2.062 | 52.4 | - | 140 | 483.24 | 219.19 | 719.14 | - | - | 2800 | 196.9 | 2800 | 196.9 | | | |
| 2.344 | 59.5 | - | 160 | 542.09 | 245.89 | 806.72 | - | - | 2800 | 196.9 | 2800 | 196.9 | | | |

SEAMLESS PIPES • HYDRAULIC TUBES IS-1239 STEEL TUBES AND TUBULARS (LIGHT, MEDIUM, HEAVY)

| Nominal Bore | Outside Diameter | | | | Thickness | | weight of Black Tube | | | |
|--------------|------------------|-------|-------|-------|-----------|------|----------------------|-------|------|------|
| | max. | | min | | | | Planin End | | | |
| | inch | mm | inch | mm | inch | mm | lb/ft | kg/ft | kg/m | |
| Light | *1/8 | .396 | 10.1 | .387 | 9.7 | .072 | 1.8 | .243 | .110 | .361 |
| | *1/4 | .532 | 13.6 | .518 | 13.2 | .072 | 1.8 | .347 | .157 | .517 |
| | *3/8 | .671 | 17.1 | .656 | 16.7 | .072 | 1.8 | .454 | .205 | .674 |
| | *1/2 | .841 | 21.4 | .825 | 21.0 | .080 | 2.0 | .640 | .290 | .952 |
| | *3/4 | 1.059 | 26.9 | 1.041 | 26.4 | .092 | 2.35 | .944 | .428 | 1.41 |
| | 1 | 1.328 | 33.8 | 1.309 | 33.2 | .104 | 2.65 | 1.35 | .612 | 2.01 |
| | 1 1/4 | 1.670 | 42.5 | 1.650 | 41.9 | .104 | 2.65 | 1.73 | .785 | 2.58 |
| | 1 1/2 | 1.903 | 48.4 | 1.882 | 47.8 | .116 | 2.9 | 2.19 | .993 | 3.25 |
| | 2 | 2.370 | 60.2 | 2.347 | 59.6 | .116 | 2.9 | 2.76 | 1.25 | 4.11 |
| | 2 1/2 | 2.991 | 76.0 | 2.960 | 75.2 | .128 | 3.25 | 3.90 | 1.77 | 5.80 |
| Medium | 3 | 3.491 | 88.7 | 3.460 | 87.9 | .128 | 3.25 | 4.58 | 2.08 | 6.81 |
| | 4 | 4.481 | 113.9 | 4.450 | 113.0 | .144 | 3.65 | 6.64 | 3.01 | 9.89 |
| | *1/8 | .411 | 10.4 | .386 | 9.8 | .080 | 2.0 | .273 | .124 | .407 |
| | *1/4 | .547 | 13.9 | .522 | 13.3 | .092 | 2.35 | .437 | .198 | .650 |
| | *3/8 | .685 | 17.4 | .660 | 16.8 | .092 | 2.35 | .573 | .260 | .852 |
| | 1/2 | .856 | 21.7 | .831 | 21.1 | .104 | 2.65 | .822 | .373 | 1.22 |
| | 3/4 | 1.072 | 27.2 | 1.047 | 26.6 | .104 | 2.65 | 1.06 | .481 | 1.58 |
| | 1 | 1.346 | 34.2 | 1.316 | 33.4 | .128 | 3.25 | 1.64 | .744 | 2.44 |
| | 1 1/4 | 1.687 | 42.9 | 1.657 | 42.1 | .128 | 3.25 | 2.11 | .957 | 3.14 |
| | 1 1/2 | 1.919 | 48.8 | 1.889 | 48.0 | .128 | 3.25 | 2.43 | 1.10 | 3.61 |
| Heavy | 2 | 2.394 | 60.8 | 2.354 | 59.8 | .144 | 3.65 | 3.42 | 1.55 | 5.10 |
| | 2 1/2 | 3.014 | 76.6 | 2.969 | 75.4 | .144 | 3.65 | 4.38 | 1.99 | 6.51 |
| | 3 | 3.524 | 89.5 | 3.469 | 88.1 | .160 | 4.05 | 5.69 | 2.58 | 8.47 |
| | 4 | 4.524 | 114.9 | 4.459 | 113.3 | .176 | 4.5 | 8.14 | 3.69 | 12.1 |
| | 5 | 5.534 | 140.5 | 5.459 | 138.7 | .192 | 4.85 | 10.9 | 4.94 | 16.2 |
| | 6 | 6.539 | 166.1 | 6.459 | 164.1 | .212 | 5.4 | 14.3 | 6.49 | 21.2 |
| | *1/8 | .411 | 10.4 | .386 | 9.8 | .104 | 2.65 | .331 | .150 | .493 |
| | *1/4 | .547 | 13.9 | .522 | 13.3 | .116 | 2.9 | .517 | .235 | .769 |
| | *3/8 | .685 | 17.4 | .660 | 16.8 | .116 | 2.9 | .686 | .311 | 1.02 |
| | 1/2 | .856 | 21.7 | .831 | 21.1 | .128 | 3.25 | .977 | .443 | 1.45 |
| 3/4 | 1.072 | 27.2 | 1.047 | 26.6 | .128 | 3.25 | 1.27 | .576 | 1.90 | |
| 1 | 1.346 | 34.2 | 1.316 | 33.4 | .160 | 4.05 | 2.00 | .907 | 2.97 | |
| 1 1/4 | 1.687 | 42.9 | 1.657 | 42.1 | .160 | 4.05 | 2.58 | 1.17 | 3.84 | |
| 1 1/2 | 1.919 | 48.8 | 1.889 | 48.0 | .160 | 4.05 | 2.98 | 1.35 | 4.43 | |
| 2 | 2.394 | 60.8 | 2.354 | 59.8 | .176 | 4.5 | 4.14 | 1.89 | 6.17 | |
| 2 1/2 | 3.014 | 76.6 | 2.969 | 75.4 | .176 | 4.5 | 5.31 | 2.41 | 7.90 | |
| 3 | 3.524 | 89.5 | 3.469 | 88.1 | .192 | 4.85 | 6.76 | 3.07 | 10.1 | |
| 4 | 4.524 | 114.9 | 4.459 | 113.3 | .212 | 5.4 | 9.71 | 4.40 | 14.4 | |
| 5 | 5.534 | 140.6 | 5.459 | 138.7 | .212 | 5.4 | 12.0 | 5.44 | 17.8 | |
| 6 | 6.539 | 166.1 | 6.459 | 164.1 | .212 | 5.4 | 14.3 | 6.49 | 21.2 | |

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