

PIPE DIMENSIONS AND WEIGHTS

| NOMINAL<br>PIPE SIZE | OD             | SCHEDULE<br>DESIGNATIONS |     | WALL<br>THICKNESS |       | WEIGHT       |              | ID    |        |
|----------------------|----------------|--------------------------|-----|-------------------|-------|--------------|--------------|-------|--------|
| INCH<br>MM           | INCH<br>MM     | ASME                     |     | INCH              | MM    | LBS/<br>FOOT | KG/<br>METER | INCH  | MM     |
| 1/8<br>6             | 0.405<br>10.3  | 10                       | 10S | 0.049             | 1.24  | 0.19         | 0.28         | 0.307 | 7.82   |
|                      |                | STD 40                   | 40S | 0.068             | 1.73  | 0.24         | 0.37         | 0.269 | 6.84   |
|                      |                | XS 80                    | 80S | 0.095             | 2.41  | 0.31         | 0.47         | 0.215 | 5.84   |
| 1/4<br>8             | 0.540<br>13.7  | 10                       | 10S | 0.065             | 1.65  | 0.33         | 0.49         | 0.410 | 10.40  |
|                      |                | STD 40                   | 40S | 0.088             | 2.24  | 0.43         | 0.63         | 0.364 | 9.22   |
|                      |                | XS 80                    | 80S | 0.119             | 3.02  | 0.54         | 0.80         | 0.302 | 7.66   |
| 3/8<br>10            | 0.675<br>17.1  | 10                       | 10S | 0.065             | 1.65  | 0.42         | 0.63         | 0.545 | 13.80  |
|                      |                | STD 40                   | 40S | 0.091             | 2.31  | 0.57         | 0.84         | 0.493 | 12.48  |
|                      |                | XS 80                    | 80S | 0.126             | 3.20  | 0.74         | 1.10         | 0.423 | 10.70  |
| 1/2<br>15            | 0.840<br>21.3  | 5                        | 5S  | 0.065             | 1.65  | 0.54         | 0.80         | 0.710 | 18.00  |
|                      |                | 10                       | 10S | 0.083             | 2.11  | 0.67         | 1.00         | 0.674 | 17.08  |
|                      |                | STD 40                   | 40S | 0.109             | 2.77  | 0.85         | 1.27         | 0.622 | 15.76  |
|                      |                | XS 80                    | 80S | 0.147             | 3.73  | 1.09         | 1.62         | 0.546 | 13.84  |
|                      |                | 160                      |     | 0.188             | 4.78  | 1.31         | 1.95         | 0.464 | 11.74  |
|                      |                | XX                       |     | 0.294             | 7.47  | 1.72         | 2.55         | 0.252 | 6.36   |
|                      |                |                          |     |                   |       |              |              |       |        |
| 3/4<br>20            | 1.050<br>26.7  | 5                        | 5S  | 0.065             | 1.65  | 0.69         | 1.03         | 0.920 | 23.40  |
|                      |                | 10                       | 10S | 0.083             | 2.11  | 0.86         | 1.28         | 0.884 | 22.48  |
|                      |                | STD 40                   | 40S | 0.113             | 2.87  | 1.13         | 1.69         | 0.824 | 20.96  |
|                      |                | XS 80                    | 80S | 0.154             | 3.91  | 1.48         | 2.20         | 0.742 | 18.88  |
|                      |                | 160                      |     | 0.219             | 5.56  | 1.95         | 2.90         | 0.612 | 15.58  |
|                      |                | XX                       |     | 0.308             | 7.82  | 2.44         | 3.64         | 0.434 | 11.06  |
|                      |                |                          |     |                   |       |              |              |       |        |
| 1<br>25              | 1.315<br>33.4  | 5                        | 5S  | 0.065             | 1.65  | 0.87         | 1.29         | 1.185 | 30.10  |
|                      |                | 10                       | 10S | 0.109             | 2.77  | 1.41         | 2.09         | 1.097 | 27.86  |
|                      |                | STD 40                   | 40S | 0.133             | 3.38  | 1.68         | 2.50         | 1.049 | 26.64  |
|                      |                | XS 80                    | 80S | 0.179             | 4.55  | 2.17         | 3.24         | 0.957 | 24.30  |
|                      |                | 160                      |     | 0.250             | 6.35  | 2.85         | 4.24         | 0.815 | 20.70  |
|                      |                | XX                       |     | 0.358             | 9.09  | 3.66         | 5.45         | 0.599 | 15.22  |
|                      |                |                          |     |                   |       |              |              |       |        |
| 1-1/4<br>32          | 1.660<br>42.2  | 5                        | 5S  | 0.065             | 1.65  | 1.11         | 1.65         | 1.530 | 38.90  |
|                      |                | 10                       | 10S | 0.109             | 2.77  | 1.81         | 2.69         | 1.442 | 36.66  |
|                      |                | STD 40                   | 40S | 0.140             | 3.56  | 2.27         | 3.39         | 1.380 | 35.08  |
|                      |                | XS 80                    | 80S | 0.191             | 4.85  | 3.00         | 4.47         | 1.278 | 32.50  |
|                      |                | 160                      |     | 0.250             | 6.35  | 3.77         | 5.61         | 1.160 | 29.50  |
|                      |                | XX                       |     | 0.382             | 9.70  | 5.22         | 7.77         | 0.896 | 22.80  |
|                      |                |                          |     |                   |       |              |              |       |        |
| 1-1/2<br>40          | 1.900<br>48.3  | 5                        | 5S  | 0.065             | 1.65  | 1.28         | 1.90         | 1.770 | 45.00  |
|                      |                | 10                       | 10S | 0.109             | 2.77  | 2.09         | 3.11         | 1.682 | 42.76  |
|                      |                | STD 40                   | 40S | 0.145             | 3.68  | 2.72         | 4.05         | 1.610 | 40.94  |
|                      |                | XS 80                    | 80S | 0.200             | 5.08  | 3.63         | 5.41         | 1.500 | 38.14  |
|                      |                | 160                      |     | 0.281             | 7.14  | 4.86         | 7.25         | 1.338 | 34.02  |
|                      |                | XX                       |     | 0.400             | 10.15 | 6.41         | 9.55         | 1.100 | 28.00  |
|                      |                |                          |     |                   |       |              |              |       |        |
| 2<br>50              | 2.375<br>60.3  | 5                        | 5S  | 0.065             | 1.65  | 1.61         | 2.39         | 2.245 | 57.00  |
|                      |                | 10                       | 10S | 0.109             | 2.77  | 2.64         | 3.93         | 2.157 | 54.76  |
|                      |                | STD 40                   | 40S | 0.154             | 3.91  | 3.66         | 5.44         | 2.067 | 52.48  |
|                      |                | XS 80                    | 80S | 0.218             | 5.54  | 5.03         | 7.48         | 1.939 | 49.22  |
|                      |                | 160                      |     | 0.344             | 8.74  | 7.47         | 11.11        | 1.687 | 42.82  |
|                      |                | XX                       |     | 0.436             | 11.07 | 9.04         | 13.44        | 1.503 | 38.16  |
|                      |                |                          |     |                   |       |              |              |       |        |
| 2-1/2<br>65          | 2.875<br>73.0  | 5                        | 5S  | 0.083             | 2.11  | 2.48         | 3.69         | 2.709 | 68.78  |
|                      |                | 10                       | 10S | 0.120             | 3.05  | 3.53         | 5.26         | 2.635 | 66.90  |
|                      |                | STD 40                   | 40S | 0.203             | 5.16  | 5.80         | 8.63         | 2.469 | 62.68  |
|                      |                | XS 80                    | 80S | 0.276             | 7.01  | 7.67         | 11.41        | 2.323 | 58.98  |
|                      |                | 160                      |     | 0.375             | 9.53  | 10.02        | 14.92        | 2.125 | 53.94  |
|                      |                | XX                       |     | 0.552             | 14.02 | 13.71        | 20.39        | 1.771 | 44.96  |
|                      |                |                          |     |                   |       |              |              |       |        |
| 3<br>80              | 3.500<br>88.9  | 5                        | 5S  | 0.083             | 2.11  | 3.03         | 4.52         | 3.334 | 84.68  |
|                      |                | 10                       | 10S | 0.120             | 3.05  | 4.34         | 6.46         | 3.260 | 82.80  |
|                      |                | STD 40                   | 40S | 0.216             | 5.49  | 7.58         | 11.29        | 3.068 | 77.92  |
|                      |                | XS 80                    | 80S | 0.300             | 7.62  | 10.26        | 15.27        | 2.900 | 73.66  |
|                      |                | 160                      |     | 0.438             | 11.13 | 14.34        | 21.35        | 2.624 | 66.64  |
|                      |                | XX                       |     | 0.600             | 15.24 | 18.60        | 27.68        | 2.300 | 58.42  |
|                      |                |                          |     |                   |       |              |              |       |        |
| 3-1/2<br>90          | 4.000<br>101.6 | 5                        | 5S  | 0.083             | 2.11  | 3.48         | 5.18         | 3.834 | 97.38  |
|                      |                | 10                       | 10S | 0.120             | 3.05  | 4.98         | 7.41         | 3.760 | 95.50  |
|                      |                | STD 40                   | 40S | 0.226             | 5.74  | 9.12         | 13.57        | 3.548 | 90.12  |
|                      |                | XS 80                    | 80S | 0.318             | 8.08  | 12.52        | 18.64        | 3.364 | 85.44  |
|                      |                | XX                       |     | 0.636             | 16.15 | 22.87        | 34.03        | 2.728 | 69.30  |
|                      |                |                          |     |                   |       |              |              |       |        |
|                      |                |                          |     |                   |       |              |              |       |        |
| 4<br>100             | 4.500<br>114.3 | 5                        | 5S  | 0.083             | 2.11  | 3.92         | 5.84         | 4.334 | 110.08 |
|                      |                | 10                       | 10S | 0.120             | 3.05  | 5.62         | 8.37         | 4.260 | 108.20 |
|                      |                |                          |     | 0.156             | 3.96  | 7.24         | 10.78        | 4.188 | 106.38 |
|                      |                |                          |     | 0.188             | 4.78  | 8.67         | 12.91        | 4.124 | 104.74 |
|                      |                | STD 40                   | 40S | 0.237             | 6.02  | 10.80        | 16.08        | 4.026 | 102.26 |
|                      |                | XS 80                    | 80S | 0.337             | 8.56  | 15.00        | 22.32        | 3.826 | 97.18  |
|                      |                | 120                      |     | 0.438             | 11.13 | 19.02        | 28.32        | 3.624 | 92.04  |
|                      |                | 160                      |     | 0.531             | 13.49 | 22.53        | 33.54        | 3.438 | 87.32  |
|                      |                | XX                       |     | 0.674             | 17.12 | 27.57        | 41.03        | 3.152 | 80.06  |
|                      |                |                          |     |                   |       |              |              |       |        |
|                      |                |                          |     |                   |       |              |              |       |        |
| 4-1/2<br>115         | 5.000<br>127.0 | STD 40                   | 40S | 0.247             | 6.27  | 12.55        | 18.67        | 4.506 | 114.46 |
|                      |                | XS 80                    | 80S | 0.355             | 9.02  | 17.63        | 26.24        | 4.290 | 108.96 |
|                      |                | XX                       |     | 0.710             | 18.03 | 32.56        | 48.45        | 3.580 | 90.94  |

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|----------------------|-----------------|--------------------------|-------|-------|-------------------|--------|--------------|--------------|--------|--------|
| INCH<br>MM           | INCH<br>MM      | ASME                     |       |       | INCH              | MM     | LBS/<br>FOOT | KG/<br>METER | INCH   | MM     |
| 5<br>125             | 5.563<br>141.3  | 5                        |       | 5S    | 0.109             | 2.77   | 6.36         | 9.46         | 5.345  | 135.76 |
|                      |                 | 10                       |       | 10S   | 0.134             | 3.40   | 7.78         | 11.56        | 5.295  | 134.50 |
|                      |                 | STD                      | 40    | 40S   | 0.258             | 6.55   | 14.63        | 21.77        | 5.047  | 128.20 |
|                      |                 | XS                       | 80    | 80S   | 0.375             | 9.53   | 20.80        | 30.97        | 4.813  | 122.24 |
|                      |                 | 120                      |       |       | 0.500             | 12.70  | 27.06        | 40.28        | 4.563  | 115.90 |
|                      |                 | 160                      |       |       | 0.625             | 15.88  | 32.99        | 49.12        | 4.313  | 109.54 |
|                      |                 | XX                       |       |       | 0.750             | 19.05  | 38.59        | 57.43        | 4.063  | 103.20 |
| 6<br>150             | 6.625<br>168.3  | 5                        |       | 5S    | 0.109             | 2.77   | 7.59         | 11.31        | 6.407  | 162.76 |
|                      |                 | 10                       |       | 10S   | 0.134             | 3.40   | 9.30         | 13.83        | 6.357  | 161.50 |
|                      |                 |                          |       |       | 0.188             | 4.78   | 12.94        | 19.28        | 6.249  | 158.74 |
|                      |                 | STD                      | 40    | 40S   | 0.280             | 7.11   | 18.99        | 28.26        | 6.065  | 154.08 |
|                      |                 | XS                       | 80    | 80S   | 0.432             | 10.97  | 28.60        | 42.56        | 5.761  | 146.36 |
|                      |                 | 120                      |       |       | 0.562             | 14.27  | 36.43        | 54.21        | 5.501  | 139.76 |
|                      |                 | 160                      |       |       | 0.719             | 18.26  | 45.39        | 67.57        | 5.187  | 131.78 |
| XX                   |                 |                          | 0.864 | 21.95 | 53.21             | 79.22  | 4.897        | 124.40       |        |        |
| 7<br>175             | 7.625<br>193.7  | STD                      | 40    | 40S   | 0.301             | 7.65   | 23.57        | 35.10        | 7.023  | 178.40 |
|                      |                 | XS                       | 80    | 80S   | 0.500             | 12.70  | 38.08        | 56.69        | 6.625  | 168.30 |
|                      |                 | XX                       |       |       | 0.875             | 22.23  | 63.14        | 94.00        | 5.875  | 149.24 |
| 8<br>200             | 8.625<br>219.1  |                          |       | 5S    | 0.109             | 2.77   | 9.92         | 14.78        | 8.407  | 213.56 |
|                      |                 |                          |       | 10S   | 0.148             | 3.76   | 13.41        | 19.97        | 8.329  | 211.58 |
|                      |                 |                          |       |       | 0.250             | 6.35   | 22.38        | 33.32        | 8.125  | 206.40 |
|                      |                 |                          |       |       | 0.277             | 7.04   | 24.72        | 36.82        | 8.071  | 205.02 |
|                      |                 | STD                      | 40    | 40S   | 0.322             | 8.18   | 28.58        | 42.55        | 7.981  | 202.74 |
|                      |                 | 60                       |       |       | 0.406             | 10.31  | 35.67        | 53.09        | 7.813  | 198.48 |
|                      |                 | XS                       | 80    | 80S   | 0.500             | 12.70  | 43.43        | 64.64        | 7.625  | 193.70 |
|                      |                 | 100                      |       |       | 0.594             | 15.09  | 51.00        | 75.92        | 7.437  | 188.92 |
|                      |                 | 120                      |       |       | 0.719             | 18.26  | 60.77        | 90.44        | 7.187  | 182.58 |
|                      |                 | 140                      |       |       | 0.812             | 20.62  | 67.82        | 100.93       | 7.001  | 177.86 |
|                      |                 | XX                       |       |       | 0.875             | 22.23  | 72.49        | 107.93       | 6.875  | 174.64 |
| 160                  |                 |                          | 0.906 | 23.01 | 74.76             | 111.27 | 6.813        | 173.08       |        |        |
| 9<br>225             | 9.625<br>244.5  | STD                      | 40    | 40S   | 0.342             | 8.69   | 33.94        | 50.54        | 8.941  | 227.12 |
|                      |                 | XS                       | 80    | 80S   | 0.500             | 12.70  | 48.77        | 72.60        | 8.625  | 219.10 |
|                      |                 | XX                       |       |       | 0.875             | 22.23  | 81.85        | 121.85       | 7.875  | 200.04 |
| 10<br>250            | 10.750<br>273.0 |                          |       | 5S    | 0.134             | 3.40   | 15.21        | 22.61        | 10.482 | 266.20 |
|                      |                 |                          |       | 10S   | 0.165             | 4.19   | 18.67        | 27.78        | 10.420 | 264.62 |
|                      |                 |                          |       |       | 0.188             | 4.78   | 21.23        | 31.62        | 10.374 | 263.44 |
|                      |                 |                          |       |       | 0.250             | 6.35   | 28.06        | 41.76        | 10.250 | 260.30 |
|                      |                 |                          |       |       | 0.307             | 7.80   | 34.27        | 51.01        | 10.136 | 257.40 |
|                      |                 | STD                      | 40    | 40S   | 0.365             | 9.27   | 40.52        | 60.29        | 10.020 | 254.46 |
|                      |                 | XS                       | 60    | 80S   | 0.500             | 12.70  | 54.79        | 81.53        | 9.750  | 247.60 |
|                      |                 | 80                       |       |       | 0.594             | 15.09  | 64.49        | 95.98        | 9.562  | 242.82 |
|                      |                 | 100                      |       |       | 0.719             | 18.26  | 77.10        | 114.71       | 9.312  | 236.48 |
|                      |                 | 120                      |       |       | 0.844             | 21.44  | 89.38        | 133.01       | 9.062  | 230.12 |
|                      |                 | 140                      | XX    |       | 1.000             | 25.40  | 104.23       | 155.10       | 8.750  | 222.20 |
| 160                  |                 |                          | 1.125 | 28.58 | 115.75            | 172.27 | 8.500        | 215.84       |        |        |
| 11<br>275            | 11.750<br>298.5 | STD                      | 40    | 40S   | 0.375             | 9.53   | 45.60        | 67.91        | 11.000 | 279.44 |
|                      |                 | XS                       | 80    | 80S   | 0.500             | 12.70  | 60.13        | 89.51        | 10.750 | 273.10 |
|                      |                 | XX                       |       |       | 0.875             | 22.23  | 101.72       | 151.46       | 10.000 | 254.04 |
| 12<br>300            | 12.750<br>323.8 |                          |       | 5S    | 0.156             | 3.96   | 21.00        | 31.24        | 12.438 | 315.88 |
|                      |                 |                          |       | 10S   | 0.180             | 4.57   | 24.19        | 35.98        | 12.390 | 314.66 |
|                      |                 |                          |       |       | 0.188             | 4.78   | 25.25        | 37.61        | 12.374 | 314.24 |
|                      |                 |                          |       |       | 0.250             | 6.35   | 33.41        | 49.71        | 12.250 | 311.10 |
|                      |                 |                          |       |       | 0.330             | 8.38   | 43.81        | 65.19        | 12.090 | 307.04 |
|                      |                 | STD                      |       | 40S   | 0.375             | 9.53   | 49.61        | 73.86        | 12.000 | 304.74 |
|                      |                 | 40                       |       |       | 0.406             | 10.31  | 53.57        | 79.71        | 11.938 | 303.18 |
|                      |                 | XS                       |       | 80S   | 0.500             | 12.70  | 65.48        | 97.44        | 11.750 | 298.40 |
|                      |                 | 60                       |       |       | 0.562             | 14.27  | 73.22        | 108.93       | 11.626 | 295.26 |
|                      |                 | 80                       |       |       | 0.688             | 17.48  | 88.71        | 132.05       | 11.374 | 288.84 |
|                      |                 | 100                      |       |       | 0.844             | 21.44  | 107.42       | 159.87       | 11.062 | 280.92 |
| 120                  | XX              |                          | 1.000 | 25.40 | 125.61            | 186.92 | 10.750       | 273.00       |        |        |
| 140                  |                 |                          | 1.125 | 28.58 | 139.81            | 208.08 | 10.500       | 266.64       |        |        |
| 160                  |                 |                          | 1.312 | 33.32 | 160.42            | 238.69 | 10.126       | 257.16       |        |        |
| 14<br>350            | 14.000<br>355.6 |                          |       | 10S   | 0.188             | 4.78   | 27.76        | 41.36        | 13.624 | 346.04 |
|                      |                 |                          |       |       | 0.250             | 6.35   | 36.75        | 54.69        | 13.500 | 342.90 |
|                      |                 |                          |       |       | 0.312             | 7.92   | 45.65        | 67.91        | 13.376 | 339.76 |
|                      |                 | STD                      | 30    | 40S   | 0.375             | 9.53   | 54.62        | 81.33        | 13.250 | 336.54 |
|                      |                 | 40                       |       |       | 0.438             | 11.13  | 63.50        | 94.55        | 13.124 | 333.34 |
|                      |                 | XS                       |       | 80S   | 0.500             | 12.70  | 72.16        | 107.40       | 13.000 | 330.20 |
|                      |                 | 60                       |       |       | 0.594             | 15.09  | 85.13        | 126.72       | 12.812 | 325.42 |
|                      |                 | 80                       |       |       | 0.750             | 19.05  | 106.23       | 158.11       | 12.500 | 317.50 |
|                      |                 | 100                      |       |       | 0.938             | 23.83  | 130.98       | 194.98       | 12.124 | 307.94 |
|                      |                 | 120                      |       |       | 1.094             | 27.79  | 150.93       | 224.66       | 11.812 | 300.02 |
|                      |                 | 140                      |       |       | 1.250             | 31.75  | 170.37       | 253.58       | 11.500 | 292.10 |
| 160                  |                 |                          | 1.406 | 35.71 | 189.29            | 281.72 | 11.188       | 284.18       |        |        |