

VALSTOM PIPE WALL THICKNESS

ASTM A312, A358, A778, A53, A106, API 5L

ASME/ANSI B36.19 B36.10

| Nominal Pipe Size Inches | Outside Diameter | | Wall thickness: mm | | | | | | | | | | | | Dimensions in mm | | | | |
|--------------------------|------------------|---------|--------------------|--------|--------|---------|--------|--------|--------|--------|---------|---------|---------|---------|------------------|---------|----------|----------|----------|
| | in | mm | SCH 10 | SCH 20 | SCH 30 | SCH STD | SCH 40 | SCH 60 | SCH XS | SCH 80 | SCH 100 | SCH 120 | SCH 140 | SCH 160 | SCH XXS | SCH 5 S | SCH 10 S | SCH 40 S | SCH 80 S |
| 1/8 | 0.405 | 10.29 | 1.24 | | | 1.73 | 1.73 | | 2.41 | 2.41 | | | | | | 1.24 | 1.73 | 2.41 | |
| 1/4 | 0.540 | 13.72 | 1.65 | | 1.85 | 2.24 | 2.24 | | 3.02 | 3.02 | | | | | | 1.65 | 2.24 | 3.02 | |
| 3/8 | 0.675 | 17.15 | 1.65 | | 1.85 | 2.31 | 2.31 | | 3.2 | 3.2 | | | | | | 1.65 | 2.31 | 3.2 | |
| 1/2 | 0.840 | 21.34 | 2.11 | | 2.41 | 2.77 | 2.77 | | 3.73 | 3.73 | | | | 4.78 | 7.47 | 1.65 | 2.11 | 2.77 | 3.73 |
| 3/4 | 1.050 | 26.67 | 2.11 | | 2.41 | 2.87 | 2.87 | | 3.91 | 3.91 | | | | 5.56 | 7.82 | 1.65 | 2.11 | 2.87 | 3.91 |
| 1 | 1.315 | 33.40 | 2.77 | | 2.90 | 3.38 | 3.38 | | 4.55 | 4.55 | | | | 6.35 | 9.09 | 1.65 | 2.77 | 3.38 | 4.55 |
| 1 1/4 | 1.660 | 42.16 | 2.77 | | 2.97 | 3.56 | 3.56 | | 4.85 | 4.85 | | | | 6.35 | 9.7 | 1.65 | 2.77 | 3.56 | 4.85 |
| 1 1/2 | 1.900 | 48.26 | 2.77 | | 3.18 | 3.68 | 3.68 | | 5.08 | 5.08 | | | | 7.14 | 10.15 | 1.65 | 2.77 | 3.68 | 5.08 |
| 2 | 2.375 | 60.33 | 2.77 | | 3.18 | 3.91 | 3.91 | | 5.54 | 5.54 | | | | 8.74 | 11.07 | 1.65 | 2.77 | 3.91 | 5.54 |
| 2 1/2 | 2.875 | 73.03 | 3.05 | | 4.78 | 5.16 | 5.16 | | 7.01 | 7.01 | | | | 9.35 | 14.02 | 2.11 | 3.05 | 5.16 | 7.01 |
| 3 | 3.500 | 88.90 | 3.05 | | 4.78 | 5.49 | 5.49 | | 7.62 | 7.62 | | | | 11.13 | 15.24 | 2.11 | 3.05 | 5.49 | 7.62 |
| 3 1/2 | 4.000 | 101.60 | 3.05 | | 4.78 | 5.74 | 5.74 | | 8.08 | 8.08 | | | | - | - | 2.11 | 3.05 | 5.74 | 8.08 |
| 4 | 4.500 | 114.30 | 3.05 | | 4.78 | 6.02 | 6.02 | | 8.56 | 8.56 | | 11.13 | | 13.49 | 17.12 | 2.11 | 3.05 | 6.02 | 8.56 |
| 5 | 5.563 | 141.30 | 3.4 | | | 6.55 | 6.55 | | 9.53 | 9.53 | | 12.7 | | 15.88 | 19.05 | 2.77 | 3.40 | 6.55 | 9.53 |
| 6 | 6.625 | 168.28 | 3.4 | | | 7.11 | 7.11 | | 10.97 | 10.97 | | 14.27 | | 18.26 | 21.95 | 2.77 | 3.40 | 7.11 | 10.97 |
| 8 | 8.625 | 219.08 | 3.76 | 6.35 | 7.04 | 8.18 | 8.18 | 10.31 | 12.7 | 12.7 | 15.09 | 18.26 | 20.62 | 23.01 | 22.23 | 2.77 | 3.76 | 8.18 | 12.7 |
| 10 | 10.750 | 273.05 | 4.19 | 6.35 | 7.80 | 9.27 | 9.27 | 12.7 | 12.7 | 15.09 | 18.26 | 21.44 | 25.4 | 28.58 | 25.4 | 3.4 | 4.19 | 9.27 | 12.7 |
| 12 | 12.750 | 323.85 | 4.57 | 6.35 | 8.38 | 9.53 | 10.31 | 14.27 | 12.7 | 17.48 | 21.44 | 25.4 | 28.58 | 33.32 | 25.4 | 3.96 | 4.57 | 9.52 | 12.7 |
| 14 | 14.000 | 355.60 | 6.35 | 7.92 | 9.53 | 9.53 | 11.13 | 15.09 | 12.7 | 19.05 | 23.83 | 27.79 | 31.75 | 35.71 | 35.71 | 3.96 | 4.78 | | |
| 16 | 16.000 | 406.40 | 6.35 | 7.92 | 9.53 | 9.53 | 12.7 | 16.66 | 12.7 | 21.44 | 26.19 | 30.96 | 36.53 | 40.49 | 40.49 | 4.19 | 4.78 | | |
| 18 | 18.000 | 457.20 | 6.35 | 7.92 | 11.13 | 9.53 | 14.27 | 19.05 | 12.7 | 23.88 | 29.36 | 34.93 | 39.67 | 45.24 | 45.24 | 4.19 | 7.78 | | |
| 20 | 20.000 | 508.00 | 6.35 | 9.53 | 12.7 | 9.53 | 15.09 | 20.62 | 12.7 | 26.19 | 32.54 | 38.1 | 44.45 | 50.01 | 50.01 | 4.78 | 5.54 | | |
| 22 | 22.000 | 558.80 | 6.35 | 9.53 | 12.7 | 9.53 | - | 22.23 | 12.7 | 28.58 | 34.93 | 41.28 | 47.63 | 53.98 | 53.97 | 4.78 | 5.54 | | |
| 24 | 24.000 | 609.60 | 6.35 | 9.53 | 14.27 | 9.53 | 17.48 | 24.61 | 12.7 | 30.96 | 38.89 | 46.02 | 52.37 | 59.54 | 59.54 | 5.54 | 6.35 | | |
| 26 | 26.000 | 660.00 | 6.35 | 12.7 | - | 9.53 | - | 12.7 | | | | | | | | | | | |
| 28 | 28.000 | 711.20 | 6.35 | 12.7 | 15.88 | 9.53 | - | 12.7 | | | | | | | | | | | |
| 30 | 30.000 | 762.00 | 6.35 | 12.7 | 15.88 | 9.53 | - | 12.7 | | | | | | | | 6.35 | 7.92 | | |
| 32 | 32.000 | 812.80 | 6.35 | 12.7 | 15.88 | 9.53 | 17.48 | | 12.7 | | | | | | | | | | |
| 34 | 34.000 | 863.60 | 6.35 | 12.7 | 15.88 | 9.53 | 17.48 | | 12.7 | | | | | | | | | | |
| 36 | 36.000 | 914.40 | 6.35 | 12.7 | 15.88 | 9.53 | 19.05 | | 12.7 | | | | | | | | | | |
| 38 | 38.000 | 965.20 | | | | 9.53 | | | 12.7 | | | | | | | | | | |
| 40 | 40.000 | 1016.00 | | | | 9.53 | | | 12.7 | | | | | | | | | | |
| 42 | 42.000 | 1066.80 | | | | 9.53 | | | 12.7 | | | | | | | | | | |
| 44 | 44.000 | 1117.60 | | | | 9.53 | | | 12.7 | | | | | | | | | | |
| 46 | 46.000 | 1168.40 | | | | 9.53 | | | 12.7 | | | | | | | | | | |
| 48 | 48.000 | 1219.20 | | | | 9.53 | | | 12.7 | | | | | | | | | | |
| 52 | 52.000 | 1321.00 | | | | 9.53 | | | 12.7 | | | | | | | | | | |
| 56 | 56.000 | 1422.00 | | | | 9.53 | | | 12.7 | | | | | | | | | | |
| 60 | 60.000 | 1524.00 | | | | 9.53 | | | 12.7 | | | | | | | | | | |
| 72 | 72.000 | 1829.00 | | | | 9.53 | | | 12.7 | | | | | | | | | | |

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