

Schedule 40 Pipe Dimensions

| Size Inches | Diameters | | Nominal Thickness Inches | Transverse Areas | | | Length of Pipe per Sq. Foot of | | Cubic Feet per Foot of Pipe | Weight per Foot Pounds | Number Threads per Inch of Screw |
|-------------|-----------------|-----------------|--------------------------|-------------------|-------------------|----------------|--------------------------------|-----------------------|-----------------------------|------------------------|----------------------------------|
| | External Inches | Internal Inches | | External Sq. Ins. | Internal Sq. Ins. | Metal Sq. Ins. | External Surface Feet | Internal Surface Feet | | | |
| 1/8 | .405 | .269 | .068 | .129 | .057 | .072 | 9.431 | 14.199 | .00039 | .244 | 27 |
| 1/4 | .540 | .364 | .088 | .229 | .104 | .125 | 7.073 | 10.493 | .00072 | .424 | 18 |
| 3/8 | .675 | .493 | .091 | .358 | .191 | .167 | 5.658 | 7.747 | .00133 | .567 | 18 |
| 1/2 | .840 | .622 | .109 | .554 | .304 | .250 | 4.547 | 6.141 | .00211 | .850 | 14 |
| 3/4 | 1.050 | .824 | .113 | .866 | .533 | .333 | 3.637 | 4.635 | .00370 | 1.130 | 14 |
| 1 | 1.315 | 1.049 | .133 | 1.358 | .864 | .494 | 2.904 | 3.641 | .00600 | 1.678 | 11½ |
| 1¼ | 1.660 | 1.380 | .140 | 2.164 | 1.495 | .669 | 2.301 | 2.767 | .01039 | 2.272 | 11½ |
| 1½ | 1.900 | 1.610 | .145 | 2.835 | 2.036 | .799 | 2.010 | 2.372 | .01414 | 2.717 | 11½ |
| 2 | 2.375 | 2.067 | .154 | 4.430 | 3.355 | 1.075 | 1.608 | 1.847 | .02330 | 3.652 | 11½ |
| 2½ | 2.875 | 2.469 | .203 | 6.492 | 4.788 | 1.704 | 1.328 | 1.547 | .03325 | 5.793 | 8 |
| 3 | 3.500 | 3.068 | .216 | 9.621 | 7.393 | 2.228 | 1.091 | 1.245 | .05134 | 7.575 | 8 |
| 3½ | 4.000 | 3.548 | .226 | 12.56 | 9.886 | 2.680 | .954 | 1.076 | .06866 | 9.109 | 8 |
| 4 | 4.500 | 4.026 | .237 | 15.90 | 12.73 | 3.174 | .848 | .948 | .08840 | 10.790 | 8 |
| 5 | 5.563 | 5.047 | .258 | 24.30 | 20.00 | 4.300 | .686 | .756 | .1389 | 14.61 | 8 |
| 6 | 6.625 | 6.065 | .280 | 34.47 | 28.89 | 5.581 | .576 | .629 | .2006 | 18.97 | 8 |
| 8 | 8.625 | 7.981 | .322 | 58.42 | 50.02 | 8.399 | .442 | .478 | .3552 | 28.55 | 8 |
| 10 | 10.750 | 10.020 | .365 | 90.76 | 78.85 | 11.90 | .355 | .381 | .5476 | 40.48 | 8 |
| 12 | 12.750 | 11.938 | .406 | 127.64 | 111.9 | 15.74 | .299 | .318 | .7763 | 53.6 | |
| 14 | 14.000 | 13.125 | .437 | 153.94 | 135.3 | 18.64 | .272 | .280 | .9354 | 63.0 | |
| 16 | 16.000 | 15.000 | .500 | 201.05 | 176.7 | 24.35 | .238 | .254 | 1.223 | 78.0 | |
| 18 | 18.000 | 16.874 | .563 | 254.85 | 224.0 | 30.85 | .212 | .226 | 1.555 | 105.0 | |
| 20 | 20.000 | 18.814 | .593 | 314.15 | 278.0 | 36.15 | .191 | .203 | 1.926 | 123.0 | |
| 24 | 24.000 | 22.626 | .687 | 452.40 | 402.1 | 50.30 | .159 | .169 | 2.793 | 171.0 | |