

Water Sewer Drain



Never Forget  
9-11-01

Flanged Pipe  
Specialists

# Water Works Supply Corp.

869 Eastern Avenue, Malden, MA 02148-6009

781.322.1238

This O.D. Guide is provided for your convenience. Pipe O.D. Should always be checked.

## PIPE OUTSIDE DIAMETER GUIDE

NOTE: Shaded Area Represents the Most Common O.D. Sizes

| Nominal Pipe Size (Inches)              | 1/2 | 3/4  | 1    | 1 1/4 | 1 1/2 | 2    | 2 1/2 | 3    | 4    | 5    | 6    | 8    | 10    | 12    | 14    | 15    | 16    | 18    | 20    | 24    | 30    | 36    | 42    | 48    |  |  |
|-----------------------------------------|-----|------|------|-------|-------|------|-------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Copper Tubing                           | .63 | .88  | 1.13 | 1.38  | 1.63  | 2.13 | 2.63  | 3.13 | 4.13 | 5.13 | 6.13 |      |       |       |       |       |       |       |       |       |       |       |       |       |  |  |
| Steel Pipe - Schedule 40                | .84 | 1.05 | 1.32 | 1.66  | 1.90  | 2.38 | 2.88  | 3.50 | 4.50 | 5.56 | 6.63 | 8.63 | 10.75 | 12.75 | 14.00 |       | 16.00 | 18.00 | 20.00 | 24.00 | 30.00 | 36.00 | 42.00 | 48.00 |  |  |
| PVC Pipe - IPS - SDR 21/26              |     |      | 1.32 |       | 1.90  | 2.38 | 2.88  | 3.50 | 4.50 |      | 6.63 | 8.63 | 10.75 | 12.75 |       |       |       |       |       |       |       |       |       |       |  |  |
| PVC Pipe - C.I. Pipe - C-900            |     |      |      |       |       |      |       |      | 4.80 |      | 6.90 | 9.05 | 11.10 | 13.20 | 15.30 |       | 17.40 | 19.50 | 21.60 | 25.80 | 32.00 | 38.30 |       |       |  |  |
| PVC Sewer Pipe - SDR 35                 |     |      |      |       |       |      |       |      | 4.21 |      | 6.27 | 8.40 | 10.50 | 12.50 |       | 15.30 |       | 18.70 |       | 24.80 |       |       |       |       |  |  |
| <b>DUCTILE IRON PIPE</b>                |     |      |      |       |       |      |       |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |  |  |
| All Classes                             |     |      |      |       |       |      |       | 3.96 | 4.80 |      | 6.90 | 9.05 | 11.10 | 13.20 | 15.30 |       | 17.40 | 19.50 | 21.60 | 25.80 | 32.00 | 38.30 | 44.50 | 50.80 |  |  |
| <b>CAST IRON PIPE</b>                   |     |      |      |       |       |      |       |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |  |  |
| Class 100-250 AWWA Centrifugal          |     |      |      |       |       |      |       | 3.96 | 4.80 |      | 6.90 | 9.05 | 11.10 | 13.20 | 15.30 |       | 17.40 | 19.50 | 21.60 | 25.80 | 32.00 | 38.30 | 44.50 | 50.80 |  |  |
| Class A AWWA Pit Cast                   |     |      |      |       |       | 2.50 |       | 3.80 | 4.80 |      | 6.90 | 9.05 | 11.10 | 13.20 | 15.30 |       | 17.40 | 19.50 | 21.60 | 25.80 | 31.74 | 37.96 | 44.20 | 50.50 |  |  |
| Class B AWWA Pit Cast                   |     |      |      |       |       |      |       | 3.96 | 5.00 |      | 7.10 | 9.05 | 11.10 | 13.20 | 15.30 |       | 17.40 | 19.50 | 21.60 | 25.80 | 32.00 | 38.30 | 44.50 | 50.80 |  |  |
| Class C AWWA Pit Cast                   |     |      |      |       |       |      |       | 3.96 | 5.00 |      | 7.10 | 9.30 | 11.40 | 13.50 | 15.65 |       | 17.80 | 19.92 | 22.06 | 26.32 | 32.40 | 38.70 | 45.10 | 51.40 |  |  |
| Class D AWWA Pit Cast                   |     |      |      |       |       |      |       | 3.96 | 5.00 |      | 7.10 | 9.30 | 11.40 | 13.50 | 15.65 |       | 17.80 | 19.92 | 22.06 | 26.32 | 32.74 | 39.16 | 45.58 | 51.98 |  |  |
| <b>ASBESTOS-CEMENT PIPE CLASS 15(i)</b> |     |      |      |       |       |      |       |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |  |  |
| Machined End                            |     |      |      |       |       |      |       | 3.84 | 4.81 |      | 6.91 | 9.11 | 11.66 | 13.92 | 16.22 |       | 18.46 |       |       |       |       |       |       |       |  |  |
| Rig-Tite Rough Barrel                   |     |      |      |       |       |      |       | 4.13 | 5.07 |      | 7.17 | 9.37 | 11.92 | 14.18 | 16.48 |       | 18.72 |       |       |       |       |       |       |       |  |  |
| Minimum Standard Rough Barrel           |     |      |      |       |       |      |       |      | 4.97 |      | 7.07 | 9.27 | 11.82 | 14.08 | 16.38 |       | 18.62 |       |       |       |       |       |       |       |  |  |
| Maximum Standard Rough Barrel           |     |      |      |       |       |      |       |      | 5.32 |      | 7.37 | 9.62 | 12.12 | 14.38 | 16.73 |       | 18.97 |       |       |       |       |       |       |       |  |  |

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