



| Pipe Size | Ductile Iron | PVC   |       |        | Steel    |       | Cast  |       |       |       |       |       |       |       | Asbestos Cement Class 100 |                        |                        | Asbestos Cement Class 150 |                        |                        | Asbestos Cement Class 200 |                        |                        | Copper |       |
|-----------|--------------|-------|-------|--------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------------|------------------------|------------------------|---------------------------|------------------------|------------------------|---------------------------|------------------------|------------------------|--------|-------|
|           |              | DIP   | IPS   | PIP    | Standard | O.D.  | cl A  | cl B  | cl C  | cl D  | cl E  | cl F  | cl G  | cl H  | Machined End O.D.         | Rough Barrell O.D. Min | Rough Barrell O.D. Max | Machined End O.D.         | Rough Barrell O.D. Min | Rough Barrell O.D. Max | Machined End O.D.         | Rough Barrell O.D. Min | Rough Barrell O.D. Max |        |       |
| 1/2       |              |       | 0.84  |        | 0.84     |       |       |       |       |       |       |       |       |       |                           |                        |                        |                           |                        |                        |                           |                        |                        |        | 0.625 |
| 3/4       |              |       | 1.05  |        | 1.05     |       |       |       |       |       |       |       |       |       |                           |                        |                        |                           |                        |                        |                           |                        |                        |        | 0.875 |
| 1         |              |       | 1.315 |        | 1.315    |       |       |       |       |       |       |       |       |       |                           |                        |                        |                           |                        |                        |                           |                        |                        |        | 1.125 |
| 1 1/4     |              |       | 1.66  |        | 1.66     |       |       |       |       |       |       |       |       |       |                           |                        |                        |                           |                        |                        |                           |                        |                        |        | 1.375 |
| 1 1/2     |              |       | 1.90  |        | 1.90     |       |       |       |       |       |       |       |       |       |                           |                        |                        |                           |                        |                        |                           |                        |                        |        | 1.625 |
| 2         |              |       | 2.375 |        | 2.375    |       | 2.50  |       |       |       |       |       |       |       |                           |                        |                        |                           |                        |                        |                           |                        |                        |        | 2.125 |
| 2 1/2     |              |       | 2.875 |        | 2.875    |       |       |       |       |       |       |       |       |       |                           |                        |                        |                           |                        |                        |                           |                        |                        |        | 2.625 |
| 3         | 3.96         |       | 3.50  |        | 3.50     | 3.00  | 3.80  | 3.96  | 3.96  | 3.96  |       |       |       |       | 3.74                      | 4.00                   | 4.00                   | 3.84                      | 4.10                   | 4.10                   | 3.84                      | 4.29                   | 4.29                   |        | 3.125 |
| 3 1/2     |              |       | 4.00  |        | 4.00     |       |       |       |       |       |       |       |       |       |                           |                        |                        |                           |                        |                        |                           |                        |                        |        | 3.625 |
| 4         | 4.80         | 4.80  | 4.50  | 4.13   | 4.50     | 4.00  | 4.80  | 5.00  | 5.00  | 5.00  |       |       |       |       | 4.64                      | 4.79                   | 5.14                   | 4.81                      | 4.97                   | 5.27                   | 4.81                      | 5.22                   | 5.57                   |        | 4.125 |
| 5         |              |       | 5.563 |        | 5.563    |       |       |       |       |       |       |       |       |       |                           |                        |                        |                           |                        |                        |                           |                        |                        |        | 5.125 |
| 6         | 6.90         | 6.90  | 6.625 | 6.14   | 6.625    | 6.00  | 6.90  | 7.10  | 7.10  | 7.10  | 7.22  | 7.22  | 7.38  | 7.38  | 6.91                      | 7.05                   | 7.40                   | 6.91                      | 7.07                   | 7.37                   | 6.91                      | 7.26                   | 7.56                   |        | 6.125 |
| 8         | 9.05         | 9.05  | 8.625 | 8.16   | 8.625    | 8.00  | 9.05  | 9.05  | 9.30  | 9.30  | 9.42  | 9.42  | 9.60  | 9.60  | 9.11                      | 9.22                   | 9.57                   | 9.11                      | 9.27                   | 9.57                   | 9.11                      | 9.39                   | 9.74                   |        |       |
| 10        | 11.10        | 11.10 | 10.75 | 10.20  | 10.75    | 10.00 | 11.10 | 11.10 | 11.40 | 11.40 | 11.60 | 11.60 | 11.84 | 11.84 | 11.24                     | 11.42                  | 11.77                  | 11.66                     | 11.82                  | 12.12                  | 11.66                     | 11.77                  | 12.12                  |        |       |
| 12        | 13.20        | 13.20 | 12.75 | 12.24  | 12.75    | 12.00 | 13.20 | 13.20 | 13.50 | 13.50 | 13.76 | 13.76 | 14.08 | 14.08 | 13.44                     | 13.69                  | 14.04                  | 13.92                     | 14.08                  | 14.38                  | 13.92                     | 14.03                  | 14.38                  |        |       |
| 14        | 15.30        | 15.30 | 14.00 | 14.28  | 14.00    |       | 15.30 | 15.30 | 15.65 | 15.65 | 15.98 | 15.98 | 16.32 | 16.32 | 15.07                     | 15.40                  | 15.80                  | 16.22                     | 16.38                  | 16.73                  | 16.22                     | 16.48                  | 16.88                  |        |       |
| 16        | 17.40        | 17.40 | 16.00 |        | 16.00    |       | 17.40 | 17.40 | 17.80 | 17.80 | 18.16 | 18.16 | 18.54 | 18.54 | 17.15                     | 17.54                  | 17.94                  | 18.46                     | 18.62                  | 18.97                  | 18.46                     | 18.79                  | 19.19                  |        |       |
| 18        | 19.50        | 19.50 | 18.00 | 18.701 | 18.00    |       | 19.50 | 19.50 | 19.92 | 19.92 |       |       |       |       | 19.90                     | 20.44                  | 20.44                  | 20.94                     | 21.20                  | 21.20                  |                           |                        |                        |        |       |
| 20        | 21.60        | 21.60 | 20.00 |        | 20.00    |       | 21.60 | 21.60 | 22.06 | 22.06 | 23.02 | 23.02 |       |       | 22.12                     | 22.50                  | 22.50                  | 23.38                     | 23.54                  | 23.54                  |                           |                        |                        |        |       |
| 24        | 25.80        | 25.80 | 24.00 | 24.803 | 24.00    |       | 25.80 | 25.80 | 26.32 | 26.32 |       |       |       |       | 26.48                     | 27.17                  | 27.17                  | 27.96                     | 28.22                  | 28.22                  |                           |                        |                        |        |       |

***We have successfully installed valves on each of these pipe sizes, why not see what we can do for you?***

***Please feel free to use this O.D. Chart and enjoy.***