

PVC SDR Pressure Pipe

PVC SDR Pressure Pipe



PVC is the most frequently specified of all plastic piping materials. It has been used successfully for over 60 years. PVC is characterized by distinctive physical properties and is resistant to corrosion and chemical attack by acids, alkalis, salt solutions and many other chemicals. It is attacked, however, by polar solvents such as ketones and aromatics. Of the various types and grades of PVC used in plastic piping, SDR conforming to ASTM D1784, is the most common. The maximum service temperature for PVC is 140°F.

| PART NUMBER | MM | NOMINAL PIPE SIZE (INCHES) | OUTSIDE DIAMETER | INSIDE DIAMETER | MIN. WALL THICKNESS | WEIGHT PER 100 FEET | PRESSURE RATING AT 73.4°F |
|---|-----|----------------------------|------------------|-----------------|---------------------|---------------------|---------------------------|
| SERIES 160 (SDR-26) PRESSURE PIPE, PLAIN END | | | | | | | |
| 010911 | 40 | 1 1/2 x 20 ft | 1.900 | 1.734 | 0.080 | 28.4 | 160 |
| 010912 | 50 | 2 x 20 ft | 2.375 | 2.173 | 0.091 | 43.2 | 160 |
| 010913 | 65 | 2 1/2 x 20 ft | 2.875 | 2.635 | 0.110 | 62.2 | 160 |
| 010914 | 75 | 3 x 20 ft | 3.500 | 3.210 | 0.135 | 91.5 | 160 |
| 010916 | 100 | 4 x 20 ft | 4.500 | 4.134 | 0.173 | 149.4 | 160 |
| 010917 | 125 | 5 x 20 ft | 5.563 | 5.109 | 0.214 | 228.8 | 160 |
| 010918 | 150 | 6 x 20 ft | 6.625 | 6.085 | 0.255 | 322.8 | 160 |
| 010919 | 200 | 8 x 20 ft | 8.625 | 7.921 | 0.332 | 546.8 | 160 |
| 010920 | 250 | 10 x 20 ft | 10.750 | 9.874 | 0.413 | 849.2 | 160 |
| 010922 | 300 | 12 x 20 ft | 12.750 | 11.710 | 0.490 | 1195.6 | 160 |
| 010924 | 350 | 14 x 20 ft | 14.000 | 12.860 | 0.538 | 1443.0 | 160 |
| 010926 | 400 | 16 x 20 ft | 16.000 | 14.696 | 0.615 | 1881.0 | 160 |
| 010928 | 450 | 18 x 20 ft | 18.000 | 16.534 | 0.693 | 2386.0 | 160 |
| 010930 | 500 | 20 x 20 ft | 20.000 | 18.370 | 0.769 | 2947.0 | 160 |
| 010934 | 600 | 24 x 20 ft | 24.000 | 22.043 | 0.923 | 4252.0 | 160 |
| SERIES 100 (SDR-41) PRESSURE PIPE, PLAIN END | | | | | | | |
| 010628 | 450 | 1/2 x 10 ft | 20.000 | 18.970 | 0.488 | 1892.0 | 100 |
| 010630 | 500 | 3/4 x 10 ft | 18.000 | 17.070 | 0.439 | 1537.0 | 100 |
| 010634 | 600 | 1 x 10 ft | 24.000 | 22.748 | 0.585 | 2732.0 | 100 |
| SERIES 200 (SDR-21) PRESSURE PIPE, PLAIN END | | | | | | | |
| 011007 | 12 | 1/2 x 20 ft | 1.050 | 0.910 | 0.060 | 12.9 | 200 |
| 011008 | 20 | 3/4 x 20 ft | 0.840 | 0.696 | 0.062 | 10.4 | 200 |
| 011009 | 25 | 1 x 20 ft | 1.315 | 1.169 | 0.063 | 17.0 | 200 |
| 011010 | 32 | 1 1/4 x 20 ft | 1.660 | 1.482 | 0.079 | 26.3 | 200 |
| 011011 | 40 | 1 1/2 x 20 ft | 1.900 | 1.700 | 0.090 | 33.9 | 200 |
| 011012 | 50 | 2 x 20 ft | 2.375 | 2.129 | 0.113 | 52.1 | 200 |
| 011013 | 65 | 2 1/2 x 20 ft | 2.875 | 2.581 | 0.137 | 75.4 | 200 |
| 011014 | 75 | 3 x 20 ft | 3.500 | 3.146 | 0.167 | 110.6 | 200 |
| 011016 | 100 | 4x 20 ft | 4.500 | 4.046 | 0.214 | 182.5 | 200 |
| 011017 | 125 | 5 x 20 ft | 5.563 | 5.001 | 0.265 | 279.2 | 200 |
| 011018 | 150 | 6 x 20 ft | 6.625 | 5.995 | 0.316 | 396.4 | 200 |
| 011019 | 200 | 8 x 20 ft | 8.625 | 7.755 | 0.410 | 667.9 | 200 |
| 011020 | 250 | 10 x 20 ft | 10.750 | 9.667 | 0.511 | 1039.2 | 200 |

Notes:

- Pressure Rating at 73.4°F(23°C).
- FABCO Pressure Pipe conforms to CSA standard B 137.3 and ASTM D 1784.
- Pipe can be supplied on request as bell end or roll grooved (SDR21 and SDR 26).