

# IPS PRESSURE

## SUBMITTAL AND DATA SHEET

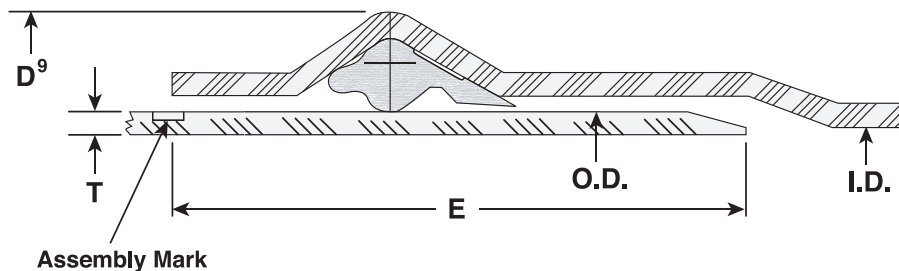
| PIPE SIZE<br>(IN)                      | AVERAGE O.D.<br>(IN) | NOM. I.D.<br>(IN) | MIN. T.<br>(IN) | MIN. E<br>(IN) | APPROX. D <sup>9</sup><br>(IN) | APPROX. WEIGHT<br>(LBS/FT) |
|--|----------------------|-------------------|-----------------|----------------|--------------------------------|----------------------------|
| <b>Rated 63 psi (SDR 64)*</b>          |                      |                   |                 |                |                                |                            |
| 6                                      | 6.625                | 6.40              | 0.104           | 5.50           | 7.20                           | 1.60                       |
| 8                                      | 8.625                | 8.33              | 0.135           | 6.25           | 9.30                           | 2.40                       |
| 10                                     | 10.750               | 10.39             | 0.168           | 6.75           | 11.50                          | 3.80                       |
| 12                                     | 12.750               | 12.32             | 0.199           | 8.00           | 13.80                          | 5.30                       |
| <b>Rated 100 psi (SDR 41)*</b>         |                      |                   |                 |                |                                |                            |
| 3                                      | 3.500                | 3.320             | 0.085           | 4.20           | 3.84                           | —                          |
| 4                                      | 4.500                | 4.267             | 0.110           | 4.50           | 4.94                           | 1.03                       |
| 5                                      | 5.563                | 5.27              | 0.136           | 4.65           | 6.10                           | 1.60                       |
| 6                                      | 6.625                | 6.282             | 0.162           | 5.20           | 7.27                           | 2.23                       |
| 8                                      | 8.625                | 8.180             | 0.210           | 5.90           | 9.47                           | 3.75                       |
| 10                                     | 10.750               | 10.195            | 0.262           | 6.70           | 11.80                          | 5.86                       |
| 12                                     | 12.750               | 12.091            | 0.311           | 8.10           | 13.99                          | 8.28                       |
| <b>Rated 125 psi (SDR 32.5)*</b>       |                      |                   |                 |                |                                |                            |
| 1.5                                    | 1.900                | 1.773             | 0.060           | 3.45           | 2.14                           | —                          |
| 2                                      | 2.375                | 2.220             | 0.073           | 3.70           | 2.67                           | —                          |
| 2.5                                    | 2.875                | 2.688             | 0.088           | 3.95           | 3.23                           | —                          |
| 3                                      | 3.500                | 3.271             | 0.108           | 4.20           | 3.93                           | 0.77                       |
| 4                                      | 4.500                | 4.207             | 0.138           | 4.50           | 5.05                           | 1.28                       |
| 5                                      | 5.563                | 5.200             | 0.171           | 4.65           | 6.25                           | 2.00                       |
| 6                                      | 6.625                | 6.193             | 0.204           | 5.20           | 7.44                           | 2.79                       |
| 8                                      | 8.625                | 8.063             | 0.265           | 5.90           | 9.69                           | 4.70                       |
| 10                                     | 10.750               | 10.048            | 0.331           | 6.70           | 12.07                          | 7.35                       |
| 12                                     | 12.750               | 11.919            | 0.392           | 8.10           | 14.32                          | 10.36                      |
| <b>Rated 160 psi (SDR 26)* (G) (P)</b> |                      |                   |                 |                |                                |                            |
| 1.5                                    | 1.900                | 1.745             | 0.073           | 3.45           | 2.19                           | 0.28                       |
| 2                                      | 2.375                | 2.182             | 0.091           | 3.70           | 2.74                           | 0.44                       |
| 2.5                                    | 2.875                | 2.642             | 0.110           | 3.50           | 3.32                           | 0.64                       |
| 3                                      | 3.500                | 3.214             | 0.135           | 4.10           | 4.04                           | 0.95                       |
| 4                                      | 4.500                | 4.133             | 0.173           | 4.50           | 5.19                           | 1.58                       |
| 5                                      | 5.563                | 5.109             | 0.214           | 4.65           | 6.42                           | 2.40                       |
| 6                                      | 6.625                | 6.084             | 0.255           | 5.20           | 7.65                           | 3.44                       |
| 8                                      | 8.625                | 7.921             | 0.332           | 5.90           | 9.95                           | 5.85                       |
| 10                                     | 10.750               | 9.874             | 0.413           | 6.70           | 12.40                          | 9.12                       |
| 12                                     | 12.750               | 11.711            | 0.490           | 8.10           | 14.71                          | 12.89                      |

| PIPE SIZE<br>(IN)                      | AVERAGE O.D.<br>(IN) | NOM. I.D.<br>(IN) | MIN. T.<br>(IN) | MIN. E<br>(IN) | APPROX. D <sup>9</sup><br>(IN) | APPROX. WEIGHT<br>(LBS/FT) |
|--|----------------------|-------------------|-----------------|----------------|--------------------------------|----------------------------|
| <b>Rated 200 psi (SDR 21)* (G) (P)</b> |                      |                   |                 |                |                                |                            |
| <b>1.5</b>                             | 1.900                | 1.709             | 0.090           | 3.45           | 2.26                           | 0.44                       |
| <b>2</b>                               | 2.375                | 2.135             | 0.113           | 3.70           | 2.83                           | 0.54                       |
| <b>2.5</b>                             | 2.875                | 2.585             | 0.137           | 3.95           | 3.42                           | 0.79                       |
| <b>3</b>                               | 3.500                | 3.146             | 0.167           | 4.20           | 4.17                           | 1.17                       |
| <b>4</b>                               | 4.500                | 4.046             | 0.214           | 4.50           | 5.36                           | 1.93                       |
| <b>6</b>                               | 6.625                | 5.955             | 0.316           | 5.20           | 7.89                           | 4.23                       |
| <b>8</b>                               | 8.625                | 7.754             | 0.410           | 5.90           | 10.27                          | 7.18                       |
| <b>10</b>                              | 10.750               | 9.667             | 0.511           | 6.70           | 12.79                          | 11.20                      |
| <b>12</b>                              | 12.750               | 11.465            | 0.606           | 8.10           | 15.17                          | 15.82                      |
| <b>Rated 250 psi (SDR 17)* (G) (P)</b> |                      |                   |                 |                |                                |                            |
| <b>1.5</b>                             | 1.900                | 1.641             | 0.112           | 3.45           | 2.39                           | 0.58                       |
| <b>2</b>                               | 2.375                | 2.078             | 0.140           | 3.70           | 2.94                           | 0.66                       |
| <b>2.5</b>                             | 2.875                | 2.517             | 0.169           | 3.95           | 3.55                           | —                          |
| <b>3</b>                               | 3.500                | 3.063             | 0.206           | 4.20           | 4.32                           | 1.42                       |
| <b>4</b>                               | 4.500                | 3.938             | 0.265           | 4.50           | 5.56                           | 2.36                       |
| <b>6</b>                               | 6.625                | 5.803             | 0.390           | 5.20           | 8.19                           | 5.11                       |
| <b>8</b>                               | 8.625                | 7.553             | 0.508           | 5.90           | 10.66                          | 8.69                       |
| <b>10</b>                              | 10.750               | 9.410             | 0.632           | 6.70           | 13.28                          | 13.55                      |
| <b>12</b>                              | 12.750               | 11.160            | 0.750           | 8.10           | 15.75                          | 19.20                      |

\* Prior to ordering or specifying, consult JM Eagle™ for product and/or listing availability.

(G) Green pipe available in sizes 4"–12"

(P) Purple pipe available in sizes 2"–12"



I.D. : Inside Diameter

O.D. : Outside Diameter

T : Wall Thickness

D<sup>9</sup> : Bell Outside Diameter

E : Distance between Assembly Mark to the end of spigot.

Product Standard: ASTM D2241  
 Pipe Compound: ASTM D1784 Cells Class 12454  
 Gasket: ASTM F477  
 Integral Bell Joint: ASTM D3139  
 Certifications: ANSI/NSF Standard 61  
 Pipe Length: 20 feet laying length  
 Installation: JM Eagle™ Installation Guide