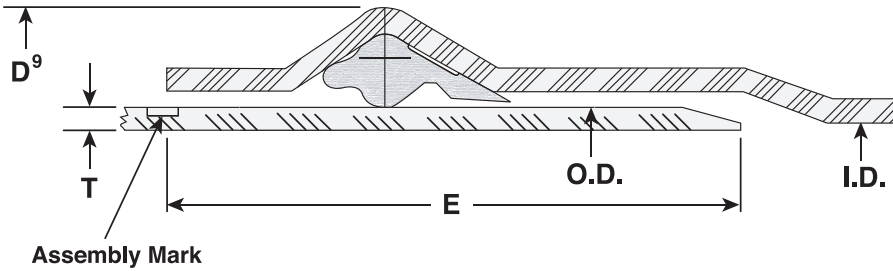


# GRAVITY SEWER

## 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<br>(IN) | APPROX. WEIGHT<br>(LBS/FT) |
|----------------------------------|----------------------|-------------------|-----------------|----------------|-------------------|----------------------------|
| <b>SDR 35 (PS46) ASTM D3034</b>  |                      |                   |                 |                |                   |                            |
| 4                                | 4.215                | 3.975             | 0.120           | 3.50           | 4.695             | 1.05                       |
| 6                                | 6.275                | 5.915             | 0.180           | 4.25           | 6.995             | 2.36                       |
| 8                                | 8.400                | 7.920             | 0.240           | 4.75           | 9.360             | 4.24                       |
| 10                               | 10.500               | 9.900             | 0.300           | 6.00           | 11.700            | 6.64                       |
| 12                               | 12.500               | 11.780            | 0.360           | 6.25           | 13.940            | 9.50                       |
| 15                               | 15.300               | 14.426            | 0.437           | 7.25           | 17.048            | 14.19                      |
| <b>SDR 26 (PS115) ASTM D3034</b> |                      |                   |                 |                |                   |                            |
| 4                                | 4.215                | 3.891             | 0.162           | 3.50           | 4.863             | 1.40                       |
| 6                                | 6.275                | 5.793             | 0.241           | 4.25           | 7.239             | 3.11                       |
| 8                                | 8.400                | 7.754             | 0.323           | 4.75           | 9.692             | 5.63                       |
| 10                               | 10.500               | 9.692             | 0.404           | 6.00           | 12.116            | 8.84                       |
| 12                               | 12.500               | 11.538            | 0.481           | 6.25           | 14.424            | 12.56                      |
| 15                               | 15.300               | 14.124            | 0.588           | 7.25           | 17.652            | 18.90                      |
| <b>PS46, ASTM F679</b>           |                      |                   |                 |                |                   |                            |
| 18                               | 18.701               | 17.629            | 0.499           | 8.00           | 20.845            | 21.43                      |
| 21                               | 22.047               | 20.783            | 0.588           | 9.50           | 24.575            | 29.88                      |
| 24                               | 24.803               | 23.381            | 0.661           | 9.60           | 27.647            | 38.96                      |
| 27                               | 27.953               | 26.351            | 0.745           | 10.10          | 31.157            | 49.47                      |
| 30 CIOD                          | 32.000               | 30.194            | 0.853           | 16.75          | 35.612            | 64.18                      |
| 36 CIOD                          | 38.300               | 36.042            | 1.021           | 19.02          | 42.816            | 93.00                      |
| 42 CIOD                          | 44.500               | 41.948            | 1.187           | 22.43          | 49.604            | —                          |
| 48 CIOD                          | 50.800               | 47.888            | 1.355           | 24.78          | 56.624            | —                          |
| <b>PS115, ASTM F679</b>          |                      |                   |                 |                |                   |                            |
| 18                               | 18.701               | 17.261            | 0.671           | 8.00           | 21.581            | 28.49                      |
| 21                               | 22.047               | 20.349            | 0.791           | 9.50           | 25.443            | —                          |
| 24                               | 24.803               | 22.891            | 0.889           | 9.60           | 28.627            | —                          |
| 27                               | 27.953               | 25.799            | 1.002           | 10.10          | 32.261            | —                          |
| 30 CIOD                          | 32.000               | 29.070            | 1.148           | 16.75          | 36.348            | —                          |
| 36 CIOD                          | 38.300               | 35.464            | 1.373           | 19.02          | 45.438            | —                          |
| 42 CIOD                          | 44.500               | 41.072            | 1.596           | 22.43          | 51.356            | —                          |
| 48 CIOD                          | 50.800               | 46.886            | 1.822           | 24.78          | 58.628            | —                          |



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 3034 (4"–15")  
 ASTM F679 (18"–48")  
 Pipe Compound: ASTM D1784 Cells Class 12454 or 12364  
 Gasket: ASTM F477  
 Integral Bell Joint: ASTM D3212  
 Pipe Stiffness: ASTM D2412  $F/\Delta Y = 46 \text{ PSI}$  or  $115 \text{ PSI}$   
 Pipe Length: 14 or 20 feet laying length  
 Installation: ASTM D 2321  
 JM Eagle™ Installation Guide