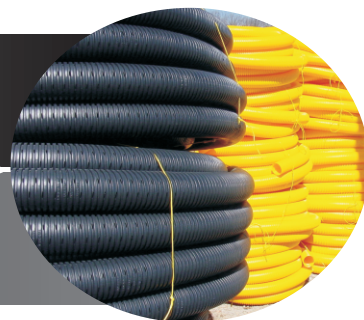


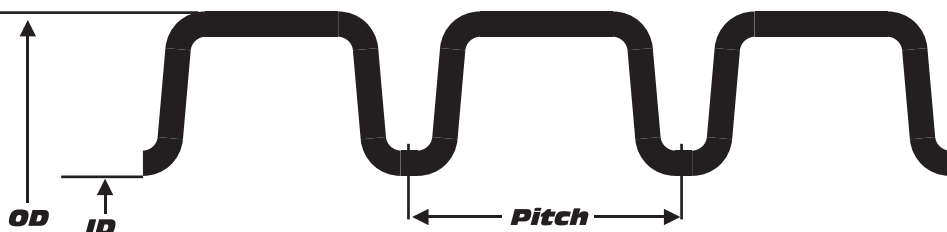


## REPLACING OUR INFRASTRUCTURE



Member of The Plastic Pipe Institute ([www.plasticpipe.org](http://www.plasticpipe.org))

|                             |   |
|-----------------------------|---|
| <b>Scope</b>                | <b>THIS SPECIFICATION DESCRIBES 6" (150MM) INTERNAL DIAMETER CORRUGATED HIGH-DENSITY POLYETHYLENE GRAVITY-FLOW DRAINAGE PIPE MANUFACTURED UNDER CONTROLLED CONDITIONS AT BTC.</b>   |
| <b>Design</b>               | <b>THE PIPE DESIGN SHALL CONSIST OF AN ANNULAR CORRUGATED INTERIOR/EXTERIOR STRUCTURE. THE PURPOSE OF THIS DESIGN IS TO BE EXTREMELY LIGHTWEIGHT &amp; FLEXIBLE, WHILE MAINTAINING SUPERIOR STRENGTH PROPERTIES.</b>  |
| <b>Applicable Standards</b> | <ul style="list-style-type: none"> <li>• <b>ASTM F405: STANDARD SPECIFICATION FOR CORRUGATED POLYETHYLENE PIPE &amp; FITTINGS</b></li> <li>• <b>ASTM D3350: STANDARD SPECIFICATION FOR POLYETHYLENE PLASTICS PIPE AND FITTINGS MATERIALS</b></li> <li>• <b>AASHTO M252 (TYPE C/CP): STANDARD SPECIFICATION FOR CORRUGATED POLYETHYLENE DRAINAGE PIPE</b></li> </ul> |
| <b>Fittings</b>             | <b>BAUGHMAN TILE CO. STOCKS A COMPLETE LINE OF CORRUGATED PIPE FITTINGS. ALL FITTINGS SHALL CONFORM TO ASTM F405 AND ASTM D3350. ALL FITTINGS SHALL BE MANUFACTURED BY BLOW-MOLDING OR INJECTION-MOLDING.</b>   |
| <b>Joint</b>                | <b>PIPE SHALL BE JOINED WITH INTERNAL OR EXTERNAL COUPLERS THAT TENDER A SOIL-TIGHT CONNECTION. COUPLERS SHALL EXTEND OVER AT LEAST TWO CORRUGATIONS ON EACH END OF THE PIPE WHEN CONNECTED.</b>  |
| <b>Performance</b>          | <ul style="list-style-type: none"> <li>• <b>INTERNAL SNAP COUPLER (3"-12")</b></li> <li>• <b>EXTERNAL SPLIT BAND COUPLER (8"-24")</b></li> <li>• <b>EXTERNAL SNAP COUPLER/DOUBLE BELL COUPLER (4"-24")</b></li> </ul>   |
| <b>Installation</b>         | <b>INSTALLATION SHALL BE IN ACCORDANCE WITH ASTM D2321, CPPA GUIDELINES, AND BTC INSTALLATION INSTRUCTIONS. *MINIMUM COVER IN TRAFFICKED AREAS SHALL BE AT LEAST ONE FOOT (0.3M)</b>  |
| <b>Perforations</b>         | <b>AVAILABLE WITH OR WITHOUT PERFORATIONS</b>   |



|                      |   |
|----------------------|---|
| Pipe I.D.            | 6.0 inches approx.                              |
| Pipe O.D.            | 7.0 inches approx.                              |
| Pipe Coils Available | 100'; 790'; 1400'                               |
| Weight               | 0.77 lbs. per foot                              |
| Pipe Stiffness       | 35 psi min. @ 5% deflection according to AASHTO |
| Perforation Class    | Class 2- Minimum 1 sq. in./ft.                  |
| Mannings "n" value   | 0.014 to 0.015                                  |



Our Poly Smooth-Line<sup>®</sup> single wall pipe has been certified by the Texas Research International Company in a program sponsored by the *Corrugated Polyethylene Polyethylene Pipe Association*, a division of the *Plastics Pipe Institute*. The testing program certifies products, and resins, that exceed specifications set forth in AASHTO M252 and MP7.