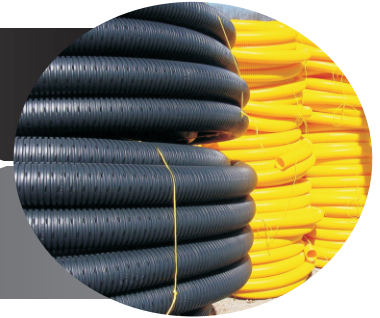


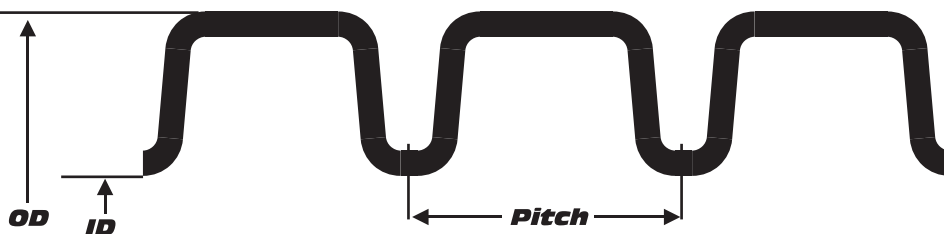


REPLACING OUR INFRASTRUCTURE



Member of The Plastic Pipe Institute (www.plasticpipe.org)

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| Scope | THIS SPECIFICATION DESCRIBES 4" (100MM) INTERNAL DIAMETER CORRUGATED HIGH-DENSITY POLYETHYLENE GRAVITY-FLOW DRAINAGE PIPE MANUFACTURED UNDER CONTROLLED CONDITIONS AT BTC. |
| Design | THE PIPE DESIGN SHALL CONSIST OF AN ANNULAR CORRUGATED INTERIOR/EXTERIOR STRUCTURE. THE PURPOSE OF THIS DESIGN IS TO BE EXTREMELY LIGHTWEIGHT & FLEXIBLE, WHILE MAINTAINING SUPERIOR STRENGTH PROPERTIES. |
| Applicable Standards | <ul style="list-style-type: none"> • ASTM F405: STANDARD SPECIFICATION FOR CORRUGATED POLYETHYLENE PIPE & FITTINGS • ASTM D3350: STANDARD SPECIFICATION FOR POLYETHYLENE PLASTICS PIPE AND FITTINGS MATERIALS • AASHTO M252 (TYPE C/CP): STANDARD SPECIFICATION FOR CORRUGATED POLYETHYLENE DRAINAGE PIPE |
| Fittings | 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. |
| Joint | 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. |
| Performance | <ul style="list-style-type: none"> • INTERNAL SNAP COUPLER (3"-12") • EXTERNAL SPLIT BAND COUPLER (8"-24") • EXTERNAL SNAP COUPLER/DOUBLE BELL COUPLER (4"-24") |
| Installation | 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) |
| Perforations | AVAILABLE WITH OR WITHOUT PERFORATIONS |



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| Pipe I.D. | 4.0 inches approx. |
| Pipe O.D. | 4.7 inches approx. |
| Pipe Coils Available | 10'; 100'; 150'; 250'; 3400' |
| Weight | 0.34 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[®] 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.