



TRI-WALL/ SEWER & DRAIN PIPE

Diameter: 3, 4 & 6" (75, 100 & 150mm)
Length: 10' with Bell
Specifications: ASTM F810

Description

This specification includes Haviland Drainage's TRI-WALL pipe, diameters 3", 4" & 6" (75, 100 & 150mm), for use in gravity-flow drainage and leach field applications.

Pipe Requirements

TRI-WALL pipe shall have a smooth interior, a middle layer with annular corrugations and a smooth exterior. Tri-Wall shall meet the requirements of ASTM F810

Material Properties

For ASTM F810, Tri-Wall pipe shall be manufacture using a high-density polyethylene compound meeting the requirements of cell class of 424410 as defend and described in ASTM D3350.

Joint Performance

Tri-Wall joints are bell and spigot design. Bell is spin-welded on one end and form a soil-tight joint.

Installation

Installation shall be in accordance with ASTM D232, F481 and Haviland Drainages installation guidelines. For the latest copy of our installation guide please contact your local sales representative or visit our website at www.haviland-drainage.com

Build America, Buy America (BABA)

Tri-Wall pipe, is manufactured in accordance with ASTM F810, and complies with the requirements set forth in the Build America, Buy America (BABA) Act.

Pipe Dimensions

| Nominal Dimension | | | |
|-------------------|-------|---------|---------|
| ID Inch | ID MM | OD Inch | OD MM |
| 3 | 75 | 3.25 | 82.55 |
| 4 | 100 | 4.215 | 107.061 |
| 6 | 150 | 6.58 | 167.132 |

Pipe OD values are provided for reference purposes only.



Perforations

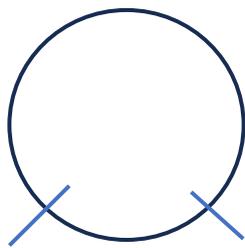
Haviland's perforated pipe follows the ASTM F810, section 6.6 specification for perforation.

3" Available in Solid and 2-Hole.

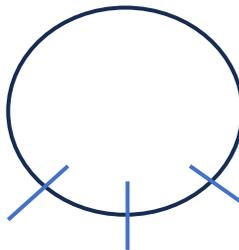
4" Available in Solid, 2-Hole, 4-6-8 & 4-8-12 patterns.

6" Available in Solid and 2-Hole.

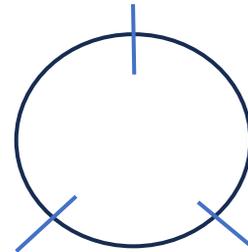
2-Hole diameter is 1/2"-Spacing is 120°. 4-6-8 diameter is 5/8"- Spacing is 60°. 4-8-12 diameter is 5/8"-Spacing is 120°.



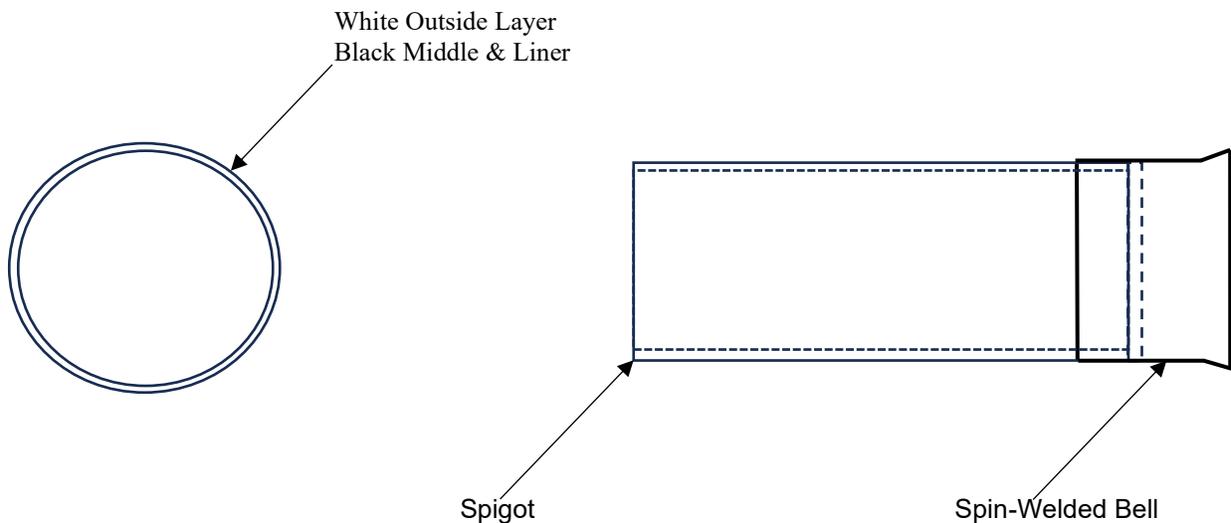
2-Hole



4-6-8



4-8-12





Reference Specification

This specification references the latest edition of the following standard specification:

- ASTM F810- *Standard Specification for Smoothwall Polyethylene (PE) Pipe for Use in Drainage and Waste Disposal Absorption Fields*
- ASTM D3550- *Standard Specification for Polyethylene Plastic Pipe and Fittings Material*
- ASTM D2321-*Standard Practice for Underground Installation of Thermoplastic Pipe for Sewers and Other Gravity-Flow Application*
- ASTM F481- *Practice for Installation of Thermoplastic Pipe and Corrugated Pipe in Septic Tank Leach Fields*