



SMOOTHPRO DUAL WALL PIPE SPECIFICATION

Diameter: 12"-42" (300-1050mm)
Length: 20'
Specifications: AASHTO M330, ASTM F2881

Description

This specification includes Haviland Drainage's SmoothPro, diameters 12"-42" (300-1050mm), for use in non-pressure gravity flow applications, including storm sewers, culverts, highway drains, and various other gravity flow drainage applications.

Pipe Requirements

SmoothPro Dual Wall pipe shall have a smooth interior and annular exterior corrugations. SmoothPro shall meet AASHTO M330 & F2881

Material Properties

SmoothPro pipe shall be manufactured using impact modified copolymer meeting the requirements of AASHTO M330, Section 6.1. and ASTM F2881, section 5.

Joint Performance

SmoothPro pipe joints shall meet the requirements of M330 and ASTM F2881. SmoothPRO is joined with a bell & spigot joint system, made water-tight by compressing a flexible gasket between the bell and spigot ends of the pipe. Gasket shall meet the requirements of ASTM F477. Gaskets are installed before shipment and protected by a removable plastic wrap. During pipe installation and joint assembly, a joint lubricant is to be used. This lubricant is available from Haviland Drainage Products.

Installation

Installation shall be in accordance with ASTM D2321 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)

SmoothPro pipe, is manufactured in accordance with AASHTO M330 and ASTM F2881, 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
12	300	14.5	368
15	375	17.5	444
18	450	21.4	547
24	600	27.9	709
30	750	35.5	892
36	900	41.7	1059
42	1050	47.2	1204

Pipe OD values are provided for reference purposes only.

Reference Specification

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

- AASHTO M330- *Standard Specification for Polypropylene Pipe 12in to 60in (300mm to 1500mm) Diameter*
- ASTM F2881- *Standard Specification for 12in to 60in (300mm to 1500mm) Polypropylene (PP) Dual Wall Pipe and Fittings for Non-Pressure Storm Sewer Application*
- ASTM D4101- *Standard Specification for Polypropylene Injection and Extrusion Materials*
- ASTM D3212- *Standard Specification for Joints for Drains and Sewer Plastic Pipes Using Flexible Elastomeric Seals*
- ASTM F477- *Standard Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe*
- ASTM D2321- *Standard Practice for Underground Installation of Thermoplastic Pipe for Sewers and Other Gravity-Flow Application*