



HDPE PIPE SPECIFICATIONS

Diameter:	4" - 60" (100-1500 mm)
Length:	20' Sections
Joint System:	Bell & Spigot
Joint Performance:	Soil-Tight / Water-Tight
Gasket:	50 Duro Polyisoprene—meets ASTM F477
Specifications:	AASHTO M294, AASHTO M252, ASTM D3350, ASTM F477, ASTM F2306, GDOT 1030P

DESCRIPTION

This specification is for dual wall pipe, diameters 4"-60" (100-1500 mm), for use in non-pressure gravity flow applications, including storm sewers, culverts, highway drains, and various gravity flow drainage applications.

PIPE REQUIREMENTS

HDPE meets or exceeds specifications set forth in AASHTO M294, Type S.

MATERIAL PROPERTIES

Raw materials used in manufacture of HDPE pipe and fittings are high density polyethylene conforming to the requirements of ASTM D3350, with a minimum cell class of 335420C. These materials have also been tested in accordance with and conform to ASTM D5397 (Standard Specification for Evaluation of Stress Crack Resistance of Polyolefin Geomembranes Using Notched Constant Tensile Load Test).

JOINT PERFORMANCE

HDPE pipe is joined with a bell and spigot joint system, incorporating a rubber gasket compressed between the bell and spigot ends. The bi-directional gasket is made of polyisoprene conforming to the requirements of ASTM F477.

Gaskets are installed before shipment and protected by a plastic wrap.

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