



CORRUGATED HDPE GASKET SPECIFICATIONS

Scope

This specification describes 4" through 60-inch (100 to 1,500 mm) Gaskets used to form watertight and silt tight pipe joints for use in industrial, mining, sanitary sewer, storm drain, culvert and land drainage applications for Corrugated HDPE Pipe.

Requirements

The gaskets shall be a continuously extruded with ends fused. The sealing surface of gasket rings shall be Thermoplastic Elastomers meeting the requirements of ASTM F477. Gasket ring sealing surface shall have a 25 year warranty when exposed ambient or naturally occurring UV radiations. Chemical resistance for gasket sealing materials shall meet the requirements for Santoprene[®] thermoplastic elastomers as published in the DuPont Dow Elastomers Ratings for Chemical Behavior, dated November 2006.

Gaskets may be designed with multiple durometer material in order to improve assembly performance, provided additional durometers meet or exceed the UV radiation and Chemical resistance requirements described above.

Installation

Installation shall be in accordance with the manufacturer's recommendation. Gaskets for spigot gaskets shall be installed in the gasket seat of the spigot as shown in figure 1. Gasket for cut pipe, and full height corrugations shall be installed in accordance with figure 2.

Gasket geometry subject to change.

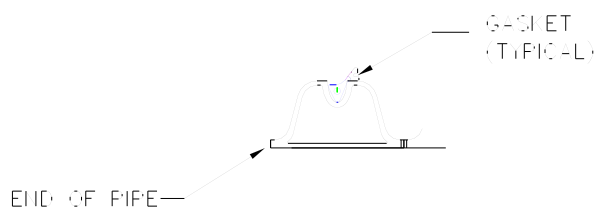


Figure 1
Gasket Configuration for typical Gasket Seat.

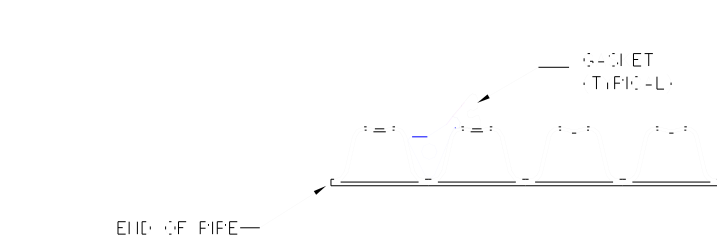


Figure 2
Gasket configuration for full height Corrugations.