

HANCOR GRAVELLESS PIPE SPECIFICATIONS

Scope

This specification describes Hancor Gravelless pipe available in 8- and 10-inch (200 and 250 mm) diameters for use in on-site waste disposal applications.

Pipe Requirements

Hancor Gravelless pipe shall meet the requirements of ASTM F667. It shall have a corrugated interior and corrugated exterior. The 8-inch (200 mm) pipe shall have 3/8-inch (9.5 mm) holes 120 degrees apart staggered one hole per corrugation on the length of the pipe with an open area of 1.3 square inches per foot. The 10-inch (250 mm) pipe shall have 1/2-inch (12.7mm) holes 120 degrees apart staggered one hole per corrugation on the length of the pipe with an open area of 1.4 square inches per foot. The pipe shall be supplied with a pre-installed filter fabric.

Joint Performance

Pipe shall be joined with internal or external snap couplers covering at least two full corrugations on each end of the pipe.

Fittings

Fittings shall conform to ASTM F667.

Material Properties

Pipe material shall be high density polyethylene conforming with the minimum requirements of cell classification 424410C as defined and described in the latest version of ASTM D3350; or ASTM D1248 Type III, Class C, Category 4, Grade P33.

Filter Fabric Properties

Material	Nylon (100%)
Fabric	Spun Bond
Fiber Size (denier per filament)	5
Weight (ounces per yd ² , ASTM D3776)	0.85
Burst Strength (pounds per in ² , ASTM D3786)	28
Air Permeability (CFM per ft ² , ASTM D737)	650
Equivalent Opening Size (Army Corps of Engineers, W 02215)	50
Water Flow Rate (gal/min/ft ² , ASTM D4491)	163
Melt Temperature (ASTM D3786)	218° C (425° F)

Installation

Installation shall be in accordance with Hancor published installation instructions and those issued by a local health department. For leachfield applications, installation shall be in accordance with ASTM F481 and as regulated by regional, state, and local agencies. Proper authorization for specific applications and designs should be obtained prior to installation to ensure suitability in certain locales. Contact your local Hancor representative or visit our website at www.hancor.com for a copy of the installation guidelines.