

Hancor SaniTite® PIPE SPECIFICATION

Scope

This specification describes 30- through 60-inch (750 to 1500 mm) Hancor SaniTite pipe for use in gravity-flow applications such as industrial wastewater and municipal sanitary sewer.

Pipe Requirements

SaniTite pipe shall have a smooth interior and annular exterior corrugations.

- 30- through 60-inch (750 to 1500 mm) shall meet ASTM F2306 and AASHTO M294 Type S.

Joint Performance

Pipe shall be joined with the Hancor SaniTite joint meeting the requirements of AASHTO M294 or ASTM F2306.

The 30- through 60-inch (750 to 1500 mm) pipe shall be watertight according to the requirements of ASTM D3212. Gaskets shall be made of elastomeric compound meeting the requirements of ASTM F477. Gaskets shall be installed by the pipe manufacturer and covered with a removable wrap to ensure the gasket is free from debris. Spigot shall have two gaskets which can be fully inserted into the bell.

Fittings

Fittings shall conform to AASHTO M294 or ASTM F2306. Fittings shall be fabricated from the same materials as the pipe. Fabricated fittings shall be welded at all accessible interior and exterior junctions.

Material Properties

Virgin material for pipe and fitting production shall be high-density polyethylene conforming with the minimum requirements of cell classification 435400C as defined and described in ASTM D3350. The virgin pipe material used for the pipe shall be a slow crack resistant material that complies with the notched constant ligament-stress (NCLS) test specified in AASHTO M294, Section 6.1.1.

Installation

Installation shall be in accordance with ASTM D2321 and Hancor installation guidelines except that only class 1 and 2 backfill materials shall be acceptable. Contact your local Hancor representative or visit our website at www.hancor.com for a copy of the installation guidelines.

Pipe Dimensions*

Pipe I.D. in. (mm)	30 (750)	36 (900)	48 (1200)	60 (1500)
Pipe O.D. in. (mm)	35.1 (762)	41.7 (1059)	53.6 (1361)	66.3 (1684)
Inner Liner Thickness Minimum in. (mm)	0.07 (18)	0.095 (24)	0.105 (27)	0.105 (27)
Min. Pipe Stiffness @5% Deflection #/in./in. (kN/m ²)	28 (195)	22 (150)	18 (125)	14 (95)

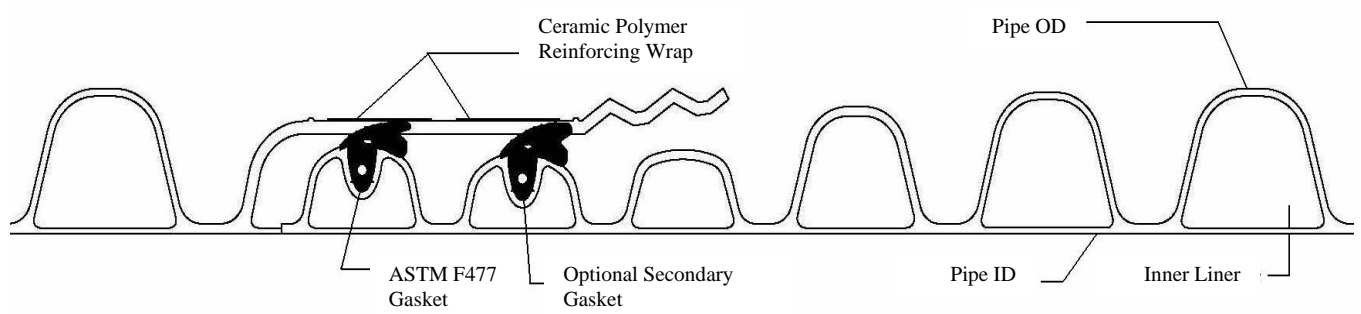
*Values provided are for reference purposes only.

*Check with sales representative for availability by region.

Hancor SaniTite® Joint System

(Joint configuration & availability subject to change without notice.)

*Check with sales representative for availability by region.



30" – 60" (750mm – 1500mm)