

HANCOR N-12® HP 30”-60” PIPE FOR SANITARY SEWER APPLICATIONS

A new addition to our proven product line, N-12 HP (High Performance) combines advanced polypropylene resin technology with a highly engineered, triple-wall profile design for superior performance that far surpasses other traditional pipe products currently offered.

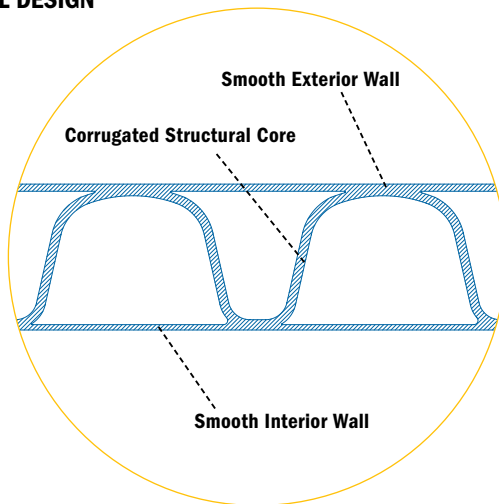
N-12 HP’s engineered design features a smooth interior and exterior wall supported by a corrugated structural core resulting in significantly greater pipe stiffness and beam strength for reduced deflection and enhanced jobsite performance. Coupled with the superior strength of polypropylene, the product’s smooth interior wall offers additional strength as well as the superior flow rates.

The Triple Wall Design is available in 30”-60” diameters and a standard length of 20’ with shorter lengths available.

APPLICATIONS:

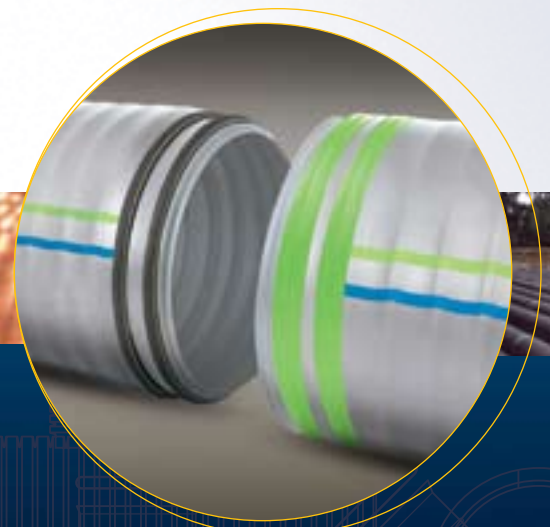
Sanitary sewer systems
 High performance drainage installations
 Gray water transmission

EXCLUSIVE TRIPLE-WALL DESIGN



FEATURES & BENEFITS

- Advanced polypropylene resin technology
- Highly-engineered triple-wall construction
- Smooth exterior wall with corrugated structural core
- Lighter weight pipe
- Superior pipe stiffness
- Greater beam strength
- Dual banded, extended bell-and-spigot with double gaskets
- Significant installed cost savings
- Fewer joints maximizes system performance
- Flexible joint alignment
- Corrosion and abrasion resistant
- Enhanced jobsite performance
- Enhanced jobsite durability
- Standard and custom fittings available
- Distinctive gray exterior makes HP pipe easily identifiable versus traditional materials
- Gray interior aids post-installation inspection
- Superior joint performance
- Inert to Sulfuric Acid



Hancor Service: Hancor representatives and engineers are committed to providing you with the answers to all your questions, including specifications, installation, backfill recommendations and more.

HANCOR N-12® HP 30”-60” SANITARY PIPE SPECIFICATION

SCOPE

This specification describes 30- through 60-inch (750 to 1500 mm) Hancor N-12 HP 30”-60” sanitary pipe for use in gravity-flow applications.

PIPE REQUIREMENTS

- 30-60” (750 to 1500 mm) N-12 HP pipe shall have smooth interior and exterior surfaces with annular inner corrugations
- 30-60” (750 to 1500 mm) N-12 HP shall have minimum pipe stiffness of 46 pii when testing in accordance with ASTM D2412.
- Manning’s “n” value for use in design shall be 0.012.

JOINT PERFORMANCE

Pipe shall be joined with the N-12 HP gasketed integral bell and spigot joint.

30- through 60-inch (750 to 1500 mm) shall be watertight according to the requirements of ASTM D3212. Spigot shall have two o-ring gaskets securely seated in a gasket groove. Gaskets shall meet the requirements of ASTM F477. Gaskets shall be installed by the pipe manufacturer and covered with a removable, protective wrap to ensure the gaskets are free from debris. A joint lubricant available from the manufacturer shall be used on the gaskets and bell during assembly.

30- through 60-inch (750 to 1500 mm) diameters shall have a reinforced bell with a polymer composite band.

FITTINGS

Bell and spigot connections shall utilize a spun-on, welded or integral bell and a spigot with gaskets meeting ASTM F477. Fitting joints shall meet the watertight joint performance requirements of ASTM D3212.

FIELD PIPE AND JOINT PERFORMANCE

To assure watertightness, field performance verification may be accomplished by testing in accordance with ASTM F2487. Appropriate safety precautions must be used when field-testing any pipe material. Contact the manufacturer for recommended leakage rates.

MATERIAL PROPERTIES

Virgin material for pipe and fitting production shall be impact modified copolymer polypropylene conforming with the requirements of ASTM D4101.

INSTALLATION

Installation shall be in accordance with ASTM D2321 and Hancor’s recommended installation guidelines, with the exception that minimum cover in traffic areas for 30- through 48-inch (750 to 1200 mm) diameters shall be 1’ (0.3 m) and for 60-inch (1500 mm) diameters, the minimum cover shall be 2 ft. (0.6 m). Backfill for minimum cover situations shall consist of Class 1 or Class 2 (minimum 90% SPD) material. Maximum fill heights depend on embedment material and compaction level; please refer to the Hancor Technical Note 2.04. Contact your local Hancor representative or visit our website at www.hancor.com for a copy of the recommended installation guidelines.

PIPE DIMENSIONS

	Nominal Diameter, in (mm)			
Pipe I.D., in. (mm)	30 (750)	36 (900)	48 (1200)	60 (1500)
Pipe O.D.*, in. (mm)	36 (914)	42 (1050)	54 (1370)	67 (1702)

* Pipe O.D. values are provided for reference purposes only, values stated for 30- through 60-inch are ± 1 inch. Contact a sales representative for exact values.

Hancor “Terms and Conditions of Sale” are available on the Hancor web site, www.hancor.com

DIRECT CONTACT

Customer Service
888-FOR PIPE (367-7473)
Fax 888-FAX PIPE (329-7473) 24 hours a day

ELECTRONIC MEDIA

Web Site
Find market- and application-specific information and the latest industry news at our On-Line Pipeline—www.hancor.com

