

CORRUGATED PIPE ADAPTER GASKET

PIPE TO MANHOLE & TANK CONNECTOR



Adapter shown outside of connector for demonstration purposes



What It Is

The corrugated pipe adapter is a rubber adapter ring that fits closely into the corrugation of the pipe, creating a smooth exterior diameter for connecting the pipe to a manhole or other types of structures.

It can be used with a variety of flexible connectors such as the PSX: Direct Drive, PSX: Nylo Drive or Cast-A-Seal 802.

The adapter is required to create a seal between boot-type connectors and corrugated pipe to meet or exceed the requirements of ASTM F 2510 and ASTM D 2321 for storm or sanitary collection systems.

How It Works

- The adapter is stretched over the pipe like a rubber band and the lobe then fits snug inside the valley of the corrugation.
- The pipe is inserted into the structure under the clamp area of the flexible connector.
- The series 304 stainless steel take-up clamp(s) is tightened around the connector creating the seal between pipe, adapter and structure. Always use a T-handle torque wrench set to 60-inch pounds when installing the take-up clamps.

Where To Use

- Manholes
- Wet wells
- Square pump and lift stations
- Stormwater structures
- On-site treatment structures
- Junction chambers
- Grease interceptors
- Vaults



CARE & STORAGE

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Why It's Better

- Easily installed with no special tools or equipment needed.
- Creates a smooth rubber seal between the pipe corrugations and the connector.
- Wide range of uses for both sanitary and storm water applications.
- Contractor can save time and money by backfilling immediately.

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SUBMITTAL SPECIFICATIONS

A rubber corrugated pipe adapter gasket and flexible boot-type connector shall be employed in the connection of the corrugated HDPE and polypropylene storm or sanitary sewer pipe to precast manholes or other structures.

The corrugated pipe adapter gasket shall be the sole element relied on to assure a flexible, watertight seal of the pipe to the flexible connector and through the connector to the manhole or other structure. The adapter shall consist of a rubber gasket which fits closely into the corrugation of the pipe and shall be manufactured by Press-Seal Corporation, Fort Wayne, Indiana or approved equal.

The rubber gasket element shall be constructed solely of synthetic or natural rubber, and shall meet or exceed the physical requirements of ASTM F 2510, ASTM C 1478, and ASTM D 2321, Section 7.10 - Manhole Connections.

Selection of the proper size adapter for the pipe requirement, and installation thereof, shall be in strict conformance with the recommendations of the adapter manufacturer.

The flexible boot-type connector shall be PSX: Direct Drive as manufactured by Press-Seal Corporation, Fort Wayne, Indiana, or approved equal.

The finished connection (pipe adapter and flexible boot-type connector) shall provide sealing to 10.8 psi (minimum) and shall accommodate angular deflection of the pipe to 7 degrees (minimum), and diametric deflection of 5% (minimum) with no loss of seal, required by ASTM F 2510 and ASTM C 1478.

Testing of installed adapters and connectors shall be conducted in strict conformance with the requirements of the adapter and connector manufacturer.

Product Performance

Corrugated pipe adapter gasket meets or exceeds all requirements of the following specifications and/or test methods:

- ASTM F 2510 Standard Specification for Resilient Connectors Between Reinforced Concrete Manhole Structures and Corrugated High Density Polyethylene Drainage Pipes
- ASTM C 1478 - Standard Specification for Storm Drain Resilient Connectors Between Reinforced Concrete Storm Sewer Structures, Pipes, and Laterals
- ASTM D 2321 - Standard Practice for Underground Installation of Thermoplastic Pipe for Sewers and Other Gravity-Flow Applications, Section 7.10 - Manhole Connections

For corrugated pipe manufacturers not listed in our selection guides, please contact customer service or your territory manager for further product availability options and/or performance standards.

The corrugated pipe adapter gasket, PVC fitting or cylinder have been tested per performance standards with the Press-Seal PSX: Direct Drive connector system; therefore, we recommend the PSX: Direct Drive be both specified and used in conjunction with our adapter. It is the sole responsibility of the specifier and or user of this product to determine its suitability when not using as a complete system with our PSX: Direct Drive.

For watertight flexible connection of ADS Pipe Sizes greater than 30", a fitting or cylinder may be obtained from the pipe manufacturer.



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Protecting Our Planet's Clean Water Supply
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CORRUGATED PIPE ADAPTER GASKET SELECTION GUIDES

Prinsco Goldflo WT®, Goldpro Storm™			
Drawing numbers for reference: D-1-120, D-2-120			
PIPE DESCRIPTION	PIPE O.D.	ADAPTER PART NUMBER	PSX: DIRECT DRIVE
12" 300 mm	14.3" 363 mm	CONTACT PRINSCO	PSX-2 DD: 18Y
15" 375 mm	17.5" 445 mm	CONTACT PRINSCO	PSX-2 DD: 22L
18" 450mm	21.6" 549 mm	CONTACT PRINSCO	PSX-2 DD: 24S
24" 600 mm	28.4" 629.9 mm	CONTACT PRINSCO	PSX-2 DD: 32L
30" 762 mm	35.0" 889 mm	CONTACT PRINSCO	PSX-2 DD: 40L

ADS N12® Corrugated Pipe Adapter Gasket			
Drawing numbers for reference: STD-204E, 205C, 207E			
PIPE DESCRIPTION	PIPE O.D.	ADAPTER PART NUMBER	PSX: DIRECT DRIVE
12" 300 mm	14.45" 367 mm	454.1770.12	PSX DD: 18Y
15" 375 mm	17.57" 446 mm	454.1794.15	PSX DD: 22L
18" 450 mm	21.20" 538 mm	454.1776.18	PSX DD: 24S
24" 600 mm	27.80" 706 mm	454.1804.24	PSX DD: 32L
30" 750 mm	34.86" 885 mm	454.1802.30	PSX DD: 40L

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