



ADS Pipe Adapter

Rubber Adapter for
- ADS N-12 Drainage &
- ADS N-12 HP Sanitary
Corrugated Pipe



What It Is

ADS Pipe Adapter is a rubber adapter ring which fits closely into the corrugation of the pipe, providing a smooth exterior diameter for connecting the pipe to man-holes or other structures using PSX:Direct Drive or other flexible connector. **ADS Pipe Adapter** is required to make a watertight seal between boot-type connectors and corrugated pipe to meet or exceed the requirements of ASTM F 2510 and ASTM D 2321 for either stormwater or sanitary applications.

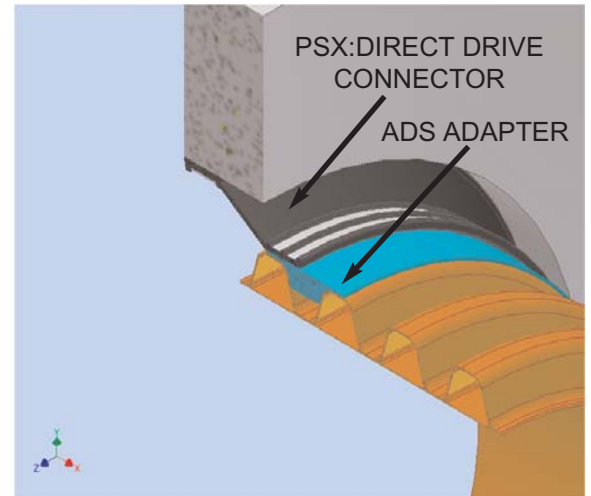
How It Performs

ADS Pipe Adapter meets or exceeds all requirements of the following Specifications and/or Test Methods (Test data available upon request):

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



How It Works

ADS Pipe Adapter

has superior materials, technology, and design to meet or exceed the requirements of ASTM F 2510, ASTM C 1478, and ASTM D 2321

- ADS Pipe Adapter fits closely into the valley of the pipe corrugation.
- ADS Pipe Adapter area of the pipe is located under the clamp area of the connector.
- The connector clamp(s) is tightened, creating a flexible watertight seal between the pipe, adapter, connector, and structure.



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SPECIFICATION and SELECTION GUIDE

For Rubber Adapter for
- ADS N-12 Drainage &
- ADS N-12 HP Sanitary
Corrugated Pipe



Submittal Specification

A rubber corrugated pipe adapter and flexible boot-type connector shall be employed in the connection of the ADS corrugated storm or sanitary sewer pipe to precast manholes or other structures. The adapter shall be ADS Pipe Adapter as manufactured by Press-Seal Gasket Corporation, Fort Wayne, Indiana, or approved equal. The flexible boot-type connector shall be PSX:Direct Drive as manufactured by Press-Seal Gasket Corporation, Fort Wayne, Indiana, or approved equal.

The adapter 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.

The rubber gasket element shall be constructed solely of synthetic or natural rubber, and shall meet or exceed the

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 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, as documented by test reports 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.

HDPE PIPE TYPE and SIZE	ADS Pipe Adapter Part Number	ADAPTED PIPE OD. (INCHES)	PSX:DIRECT DRIVE CONNECTOR
ADS N-12 12" ADS N-12 HP 12"	454.1770.12	14.45	18Y PSX:DIRECT DRIVE
ADS N-12 15" ADS N-12 HP 15"	454.1794.15	17.57	22L PSX:DIRECT DRIVE
ADS N-12 18" ADS N-12 HP 18"	454.1776.18	21.20	24S PSX:DIRECT DRIVE
ADS N-12 24" ADS N-12 HP 24"	454.1804.24	27.80	32L PSX:DIRECT DRIVE
ADS N-12 30"	454.1802.30	34.86	40L 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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