

PSX™ WEDGE DRIVE

SUBMITTAL SPECIFICATIONS

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Pipe-to-Manhole and Structure Connector Specification for Sanitary and Storm Sewer Applications:

All pipe-to-manhole and structure connections shall meet and or exceed ASTM C 923, Standard Specification for Resilient Connectors Between Reinforced Concrete Manholes, Structures, Pipes and laterals.

All metallic mechanical devices, including castings, bolt assemblies, adjusters shall use non-magnetic 300 series stainless steel with no welds or rivets in its assemblies.

If thermal plastic internal expansion rings or expansion wedges are used, they must be heavy duty automotive grade material molded with an expansion installation mechanism.

The installation of the connector shall be accomplished at one time and shall require no additional adjustments or installation at a later time to ensure a watertight seal.

Take up clamps shall use non-magnetic 300 series stainless steel and be installed in the field using a T-Handle Torque wrench set to 60 inch-pounds and installation shall follow manufacturer's instructions.

The connector shall be PSX: Wedge Drive, PSX: Direct Drive and PSX: Nylo Drive as manufactured by Press-Seal Corporation of Fort Wayne, IN or approved equal.

PRODUCT PERFORMANCE

PSX: Wedge Drive, PSX: Nylo Drive, PSX: Direct Drive meets or exceeds the all requirements of the following specifications:

- ASTM C 923 - Standard Specification for Resilient Connectors Between Reinforced Concrete Manhole Structures, Pipes, and Laterals
- ASTM C 1244 Standard Test Method for Concrete Sewer Manholes by the Negative Air Pressure (Vacuum) Test
- ASTM C 1478 - Standard Specification for Storm Drain Resilient Connectors Between Reinforced Concrete Storm Sewer Structures, Pipes, and Laterals
- ASTM F 2510 Standard Specification for Resilient Connectors Between Reinforced Concrete Manhole Structures and Corrugated High Density Polyethylene Drainage Pipes

BEST PRACTICES

1. Vacuum testing shall be conducted in strict conformance with ASTM C 1244, prior to backfill.
2. Pipe Stubs must be restrained from movement per ASTM C 923.
3. Tightening of the external stainless steel take-up clamps should be done by using a torque-setting wrench available from Press-Seal Corporation.



Press-Seal believes all information is accurate as of its publication date. Information, specifications, and prices are all subject to change without notice. Press-Seal is not responsible for any inadvertent errors. Copyright 2024

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