



## PRESS-SEAL GASKET CORPORATION

### PRODUCT SPECIFICATIONS

PSX: Direct Drive meets and/or exceeds all requirements of ASTM C-923, including physical properties of materials and performance testing. Performance testing includes:

- \* 13 psi in straight alignment
- \* 10 psi at minimum 7° angle
- \* 10 psi under shear load of 150 lbs/in. pipe diameter

PSX: Direct Drive meets and/or exceeds the following specifications:

- \* ASTM C-923 Standard Specification for Resilient Connectors Between Reinforced Concrete Manhole Structures, Pipes, and Laterals.
- \* ASTM C-1478 Standard Specification for Storm Drain Resilient Connectors Between Reinforced Concrete Storm Sewer Structures, Pipes and Laterals.
- \* ASTM C-1244 Standard Test Method for Concrete Sewer Manholes by the Negative Air Pressure (Vacuum) Test.

### APPLICATIONS

- \* Sanitary sewers
- \* Storm sewers
- \* Septic tanks
- \* Valve vaults
- \* Lift and pump stations
- \* Commercial vaults
- \* Circular or straight-wall structures

### PIPE INSTALLATION

1. Clean pipe and boot to ensure no dirt or foreign materials are present.
2. Clamping surface on pipe must be clean and smooth.
3. Center pipe in opening and insert until pipe breaks the inside plane of manhole.
4. Attach take-up clamp(s) and stagger screw(s) of clamp(s) around the groove of the gasket so that take-up pressure will be equalized. Make sure each clamp is completely in the correct groove.
5. Using a torque ratchet or torque wrench, gradually tighten all screw(s) of clamp(s) in an alternating pattern to 60 lbs/in. torque.
6. After reaching 60 lbs/in. torque on final screw, check all screws again to ensure compression of all clamps.
7. Vacuum testing shall be conducted in accordance with ASTM C-1244-02.
8. Adjust pipe to line and grade. Use proper bedding, backfill materials, and techniques so that pipe deflection and deformation are minimized.
9. Any pipe stubs installed in the manhole must be positively restrained from movement per ASTM-C923. Press-Seal Gasket is not responsible for failure due to unrestrained pipe stubs for future connections.

### Why Specify PSX: Direct Drive

**PSX: Direct Drive** is the pipe-to-structure connector that finally satisfies all critical design and performance requirements: rugged construction of the adjuster and band; superior strength and toughness of polyisoprene rubber; and the proven sealing performance of PSX. It's the one adjustable connector that doesn't make you compromise sealing for convenience or price: **PSX: Direct Drive.**