

PSX: SERIES SIX

A lower cost series of our original PSX: POSITIVE SEAL pipe to manhole flexible connector system. PSX: SERIES SIX is available for 8" through 13" holes to seal the most commonly used pipe types and sizes.

PSX: SERIES SIX Advantages:

- Lower Cost
- Lower Freight
- Same Basic Time Proven, PSX Design Features
- In Most Cases Fully Removable
- Can Be Installed With The Same Equipment Used On Our Original PSX System
- Compatible With Our Existing Fiberglass And Urethane Hole Formers
- Compatible With Our Form & Flow Manhole Invert System
- Meets And Or Exceeds Material Specifications of ASTM C-923



PSX is the designation for the POSITIVE SEAL GASKETING SYSTEM.

This system uses three components to enable the manhole producer and installation contractor to provide a flexible, watertight connection where pipe enters manhole.

The three components as shown above are: POWER SLEEVE, GASKET, and TAKE-UP CLAMP. The POWER SLEEVE is mechanically expanded to compress the GASKET against receptacle hole surface in the manhole wall. After adequate compression of the GASKET is achieved, the ends of the POWER SLEEVE interlock to insure against any loss of compression. This secures PSX in the manhole wall ready to accept desired size and type of pipe.

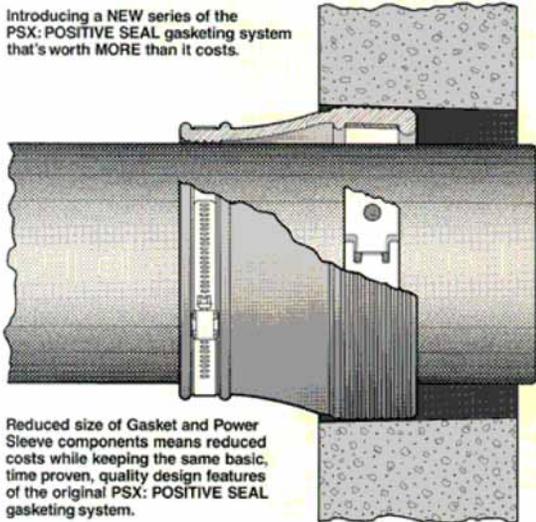
When the contractor is ready to install the manhole, ditch personnel need only insert pipe through PSX and tighten TAKE-UP CLAMP to compress the GASKET against outside wall of pipe entering manhole.

NOTE: Press-Seal Gasket will continue to offer our current, full size, PSX: POSITIVE SEAL gasketing system.

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PSX: SERIES SIX

Introducing a NEW series of the PSX: POSITIVE SEAL gasketing system that's worth MORE than it costs.

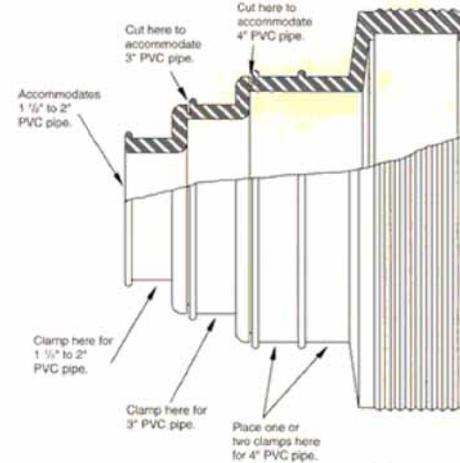


Reduced size of Gasket and Power Sleeve components means reduced costs while keeping the same basic, time proven, quality design features of the original PSX: POSITIVE SEAL gasketing system.

Patent No. 4219903-4478432

8QRS-PSX

STEP UP TO THE FLEXIBLE CONNECTOR THAT ALLOWS THE PSX: POSITIVE SEAL TO STEP DOWN TO SMALLER DIAMETER PIPE



U.S. Patent Nos. 4219898 and 4478432

8QRS-PSX

Step up to the flexible connector that allows PSX: POSITIVE SEAL to step down to smaller diameter pipe. The 8QRS-PSX is a molded gasket that has grown to be one of our most popular flexible connectors in the PSX line. The key to its success is VERSATILITY, both in its ability to accommodate varying sizes of small pipe and in its suitability to a number of different applications:

- Water Collection Systems
- Pump/Lift Stations
- Septic Tanks
- Hose Connections
- Meets and/or Exceeds Material Specifications of ASTM C-923

FIRST STEP ACCOMMODATES 1.75" O.D. TO 2.5" O.D. PVC PIPE. PART NO. 881 808S

SECOND STEP ACCOMMODATES 2.75" O.D. TO 3.75" O.D. PVC PIPE. PART NO. 881 809S

THIRD STEP ACCOMMODATES 4.0" O.D. TO 4.6" O.D. PVC PIPE. PART NO. 881 800S

8QRS-PSX may be ordered in any of the three Series shown above: 808S, 809S or 800S.

TEST	ASTM METHOD	TEST REQUIREMENTS	TEST RESULTS
UNUSUAL RESISTANCE TO PULLING, ACID, OR FIBROUS/SLURRY	2004, 47 201-203 & 204	NO HEIGHT LOSS AND NO PULL LOSS	NO HEIGHT LOSS AND NO PULL LOSS
VEHICLE STAMPOUT	21 800	NO PULL MARK	NO PULL MARK
ELONGATION AT BREAK	21 800	200% MIN	200%
TENSILE	21 800 (MINIMUM 4 SPECIMENS)	AS FROM THE MANUFACTURER'S SPECIFIED HARDNESS	45
ACCEPTED CRYSTALLINITY	21 800 (MINIMUM 10 SPECIMENS)	PROPORTION OF 10% MAX. OF ORIGINAL TENSILE STRENGTH, UNLESS OF 10% MAX. OF ELONGATION	85% (MINIMUM 10% OF ORIGINAL STRENGTH)
COMPRESSION TEST	21 800 (METHOD B AT 20% FOR 20 MIN)	DECREASE OF 10% MAX. OF ORIGINAL STRENGTH	100%
WATER ABSORPTION	21 800 (MINIMUM 10 SPECIMENS IN CONTACT WITH WATER AT 100°F FOR 48 HRS)	INCREASE OF 10% MAX. OF ORIGINAL WEIGHT	100%
COSEAL RESISTANCE	21 800	NO PULL	NO PULL
LOW TEMPERATURE FLEX	21 800	NO FRACTURE AT -40°F	NO FRACTURE
HEAT RESISTANCE	21 800 (METHOD B)	NO FRACTURE AT 400°F	NO FRACTURE

GASKET INSTALLATION

1. Place PSX gasket into hole with holes in power sleeve at the 6 o'clock position.
2. Insert shaft of hydraulic tool into holes of power sleeve and pump hydraulic fluid until gasket shape conforms in hole without resistance.
3. Gasket must be aligned square in the hole.
4. Pump hydraulic fluid to expand power sleeve while making sure sleeve ends stay aligned on top of each other.
5. After sleeve ends slide into place, face to face, check gauge to make sure minimum installation pressure has been achieved.
6. Relax power sleeve slightly to reinsert the end securely for a positive seal.

PIPE INSTALLATION

1. After manhole has been set to grade, inspect and clean out inside of connector. Clean surface of pipe before to be installed.
2. If pipe O.D. is larger than 2.5", use a Wet Blade to cut 8QRS at appropriate step to accommodate pipe size.
3. Insert pipe into connector, cut end of pipe breaks inside plane of manhole wall. Position pipe in center of connector, insert take-up clamp in groove at pipe receiving end of gasket. Check gauge to make sure interior of connector and pipe round surfaces are clean.
4. Tighten take-up clamp(s) with ratchet or torque wrench, to 60 in/lb. torque. Adjust pipe to line and grade. Use proper bedding, backfill materials and techniques.
5. Any pipe stubs installed in the manhole must be restrained from movement.

Bedding using the PSX: POSITIVE SEAL system for any custom applications, contact our Customer Service Department for more information.

DETAIL 9A SEAL GASKETING

PRESS-SEAL GASKET CORPORATION

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POSITIVE SEAL GASKETING

WIESER CONCRETE

SEPTIC MANUAL
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SHEET NO.
1 OF 1

PRE-POUR:

SCALE: NTS

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DATE: JANUARY 2010

FILE: SHEET 9A

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