

# 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 Removeable
- 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.

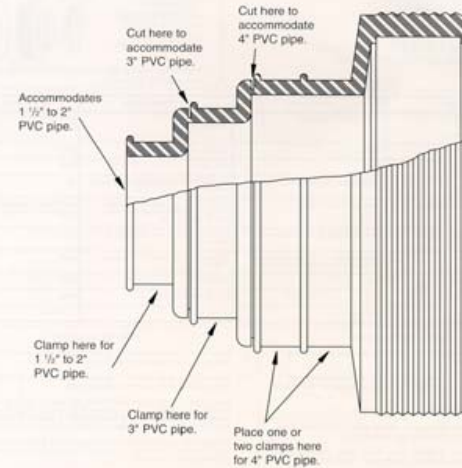
When the contractor is ready to install the manhole, ditch personnel need only insert pipe through PSX and tighten TAKE-UP CLAMP to compress the GASKET against outside wall of pipe entering manhole.

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

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# 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. 4215888 and 4278437

# 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
- House Connections
- Meets and/or Exceeds Material Specifications of ASTM C-923

FIRST STEP ACCOMMODATES 1.7" O.D. TO 2.5" O.D. PVC PIPE. PART NO. 551.8QRS

SECOND STEP ACCOMMODATES 2.75" O.D. TO 3.75" O.D. PVC PIPE. PART NO. 551.8QRO

THIRD STEP ACCOMMODATES 4.0" O.D. TO 4.8" O.D. PVC PIPE. PART NO. 551.8QOO

8QRS-PSX may be ordered in any of the three forms shown above: 8QRS, 8QRO or 8Q.

TEST	ASTM METHOD	TEST REQUIREMENTS	TEST RESULTS
CHEMICAL RESISTANCE IN SULFURIC ACID AND HYDROCHLORIC ACID	D 564, AT 23°C FOR 48 HRS.	NO WEIGHT LOSS NO WEIGHT LOSS	NO WEIGHT LOSS NO WEIGHT LOSS
TENSILE STRENGTH	D 412	LESS THAN 50%	50% MIN.
ELONGATION AT BREAK	D 412	20% MIN.	25% MIN.
HARDNESS	D 2240 (SHORE A DUNCAN TEST)	AS FROM THE MANUFACTURER'S SPECIFIED HARDNESS	AS
ACCELERATED OVEN-AGING	D 573, 70°C FOR 7 DAYS	DECREASE OF 10% MAX. OF ORIGINAL TENSILE STRENGTH, DECREASE OF 50% MAX. OF ELONGATION	10% TENSILE CHANGE, 10% ELONGATION CHANGE
COMPRESSION TEST	D 395, METHOD B, AT 70°C FOR 2 HRS.	DECREASE OF 20% MAX. OF ORIGINAL REDUCTION	15.0%
WATER ABSORPTION	D 474, 24 HRS. IN 2 IN. SPECIMEN IN DISTILLED WATER AT 70°C FOR 48 HRS.	INCREASE OF 10% MAX. OF ORIGINAL BY WEIGHT	1.0%
SEALING RESISTANCE	D 1709	WATER 0	PASS
LOW TEMP. SERVICE POINT	D 1709	NO FRACTURE AT -40°C	PASS
HEAT RESISTANCE	D 304, METHOD B	NO FRACTURE AT 150°C (300°F) FOR 2 HRS.	NO FRACTURE

### GASKET INSTALLATION

1. Place PSX gasket into hole with holes in power sleeve at the 6 o'clock position.
2. Insert studs of hydraulic tool into holes of power sleeve and pump hydraulic unit until gasket stays positioned in hole without assistance.
3. Gasket must be aligned square in the hole.
4. Pump hydraulic unit to expand power sleeve while making sure sleeve ends stay aligned on top of each other.
5. After sleeve ends snap into place, face to face, check gauge to make sure minimum installation pressure has been achieved.
6. Relax power sleeve slightly to interlock the ends 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 barrel 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, until end of pipe breaks inside plane of manhole wall. Position pipe in center of connector. Install take-up clamp(s) in groove(s) at pipe receiving end of gasket. Check gasket to make sure flange of connector and pipe barrel 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.

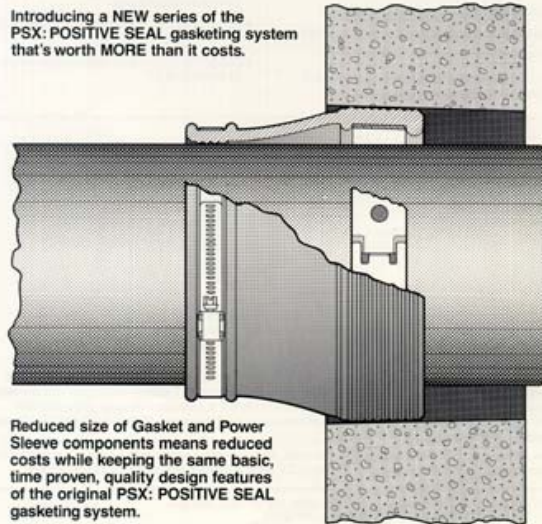
Before using the PSX-POSITIVE SEAL system for any custom applications, contact our Customer Service Department for more information.

## DETAIL 9A SEAL GASKETING

**PRESS-SEAL GASKET CORPORATION**  
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 Phone (219) 436-0521 or (800) 348-7325  
 FAX (219) 436-1908

# 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.

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**WIESER CONCRETE**

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POSITIVE SEAL GASKETING

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