

DETAIL 9B SEAL GASKETING



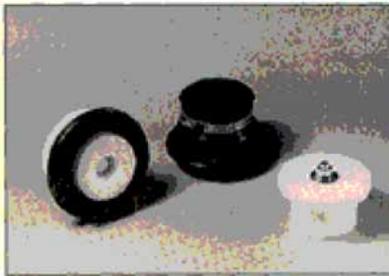
PRESS-SEAL GASKET CORPORATION

6935 LINCOLN PARKWAY - FORT WAYNE, INDIANA 46804
Phone (219) 436-0521 or (800) 348-7325
FAX (219) 436-1908



CAST-A-SEAL™

The Watertight Cast-In Septic Tank Connector



*From
PRESS-SEAL
GASKET
CORPORATION,
your underground
sealing leader,
comes the latest
innovation in
septic tank pipe
entry sealing.*

CAST-A-SEAL is an all-rubber connector which is cast into the septic tank when the concrete is poured. The CAST-A-SEAL gasket is folded into the casting position and placed on the reusable heavy-duty solid plastic mandrel that is bolted directly to the septic tank form. After the concrete is cured, the forms are opened, removing the mandrel from the concrete, but leaving the CAST-A-SEAL gasket cast into the concrete wall. The gasket is then simply unfolded at the job site and is tightened around the pipe using the supplied stainless steel take-up clamp.

Now you are ready to provide your customers and specifiers with real watertight performance. In actual testing, CAST-A-SEAL has held 10 inches of vacuum AND 10 psi hydrostatic pressure, much more than the toughest ordinances require.

CAST-A-SEAL is designed for standard 4" PVC pipe and has an accommodation range of 4.10" To 4.50" The heavy duty mandrels come standard for 3" walls. Other sizes are also available and can be special ordered. Please specify when ordering.

"CAST-A-SEAL - YOUR SEPTIC TANK CONNECTION"

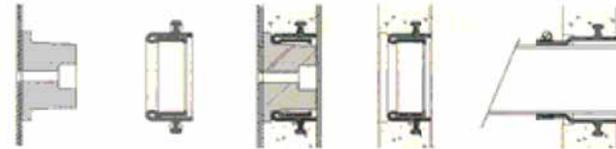
See reverse side for installation instructions and Specifications

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CAST-A-SEAL™

U. S. Pat. No. 5,529,312



- Attach mandrel to outside form wall.
- Invert gasket into casting position.
- Place gasket and mandrel in form and pour.
- Strip form and mandrel, leaving gasket in place.
- Invert gasket to outside of tank, insert pipe and tighten take-up clamp.

Sample Specification Flexible Watertight Septic Tank Connector

A flexible pipe-to-tank connector shall be employed in the connection of pipes into a precast septic tank structure. The connector shall be CAST-A-SEAL as manufactured by Press-Seal Gasket Corporation, Fort Wayne, Indiana, or approved equal.

The connector assembly shall be cast-in and will be the sole element relied on to assure a flexible watertight seal of the pipe to the tank. The connector shall consist of a rubber gasket and an external compression take-up clamp.

The rubber element shall be constructed solely of polyisoprene or natural rubber, and shall meet/exceed the material requirements of ASTM C-923, and shall have a minimum tensile strength of 1600 psi.

The external compression take-up clamp shall be constructed of Series 304 and Series 305 non-magnetic stainless steel and shall utilize no welds in its construction. The clamp shall be installed by torquing the adjusting screw using a torque-setting wrench available from the connector manufacturer.

The finished connection shall provide hydrostatic sealing to 5 psi (minimum) and vacuum sealing to 10 in. hg. (minimum).

Installation of the connector into the structure, of the pipe into the connector, and any testing of the assembly, shall be in strict conformance with the recommendations of the connector manufacturer.



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PRE-POUR:

SCALE: NTS
REV.

DATE: JANUARY 2010

FILE: SHEET 9B

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800-325-8456

CAST A SEAL GASKETING
SEPTIC MANUAL
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SHEET NO.

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