

CARLISLE'S **EPDM CLASSIC** PRESSURE-SENSITIVE PIPE SEALS



Overview

Let Carlisle simplify your next Sure-Seal® EPDM installation with their Pressure-Sensitive Pipe Seals. PS Pipe Seals are cured, pre-molded EPDM flashing that are available in two sizes. Small Pipe Seals are for pipes from ½" to 3" in diameter. The larger Pipe Seal is for pipes 1" to 6" in diameter.

Intended Uses

PS Pipe Seals are ideal for quick and easy flashing of pipes up to 6" in diameter.

Features and Benefits

- Available in two sizes to flash pipes from ½" to 3" and from 1" to 6" in diameter.
- PS Pipe Seals have pre-applied SecurTAPE™ on the bottom of the deck flange which affords easy installation and strong membrane bonding
- Designed to be used with Carlisle's Sure-Seal and Sure-Tough™ EPDM membranes.

Installation

1. Cut the pipe seal above the raised "ring" that is one size smaller than pipe diameter.
2. Pull pipe seal over pipe until base flange is in contact with the membrane.
3. Mark pipe around the top of the pipe seal.
4. Pull pipe seal upwards on pipe until mark on the pipe is visible.
5. Install Water Cut-Off Mastic below the mark, which indicates the top of the installed pipe seal.
6. Apply Carlisle EPDM primer to the EPDM deck membrane in the area where the base flange will be bonded. Allow the primer to dry until it does not transfer to a dry finger's touch.
7. Pull pipe seal back down over pipe and into position.
8. Remove release liner from the tape and with hand pressure press tape to the primed area. Roll splice area with a 2" steel roller.
9. Install a stainless steel universal clamping ring to the top of the pipe seal to provide constant compression of the Water Cut-Off Mastic.
10. When a field splice intersects a Pipe Seal, install a T-Joint Cover according to the detail PS-8-C.

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**PRESSURE-SENSITIVE
 PIPE SEALS**

Precautions

1. Remove all lead and other flashing.
2. Temperature of pipe must not exceed 180°F (82°C).
3. Deck flanges of the pipe seal should not be overlapped, cut or applied over any angle change.
4. Additional membrane securement is required on mechanically fastened roofing systems, refer to detail MFS-8-A or B.
5. When clamping ring is to be used with a 1" diameter pipe, the following method must be utilized to provide proper clamping.
 - a. Lift the tightening screw and slip the loose end of the clamping ring under this tightening apparatus. A complete circle will now be formed with the metal band.
 - b. Pull the loose end of the clamping ring until a circle with a diameter of approximately 1.5 inches is formed.
 - c. Insert the loose end of the clamping ring under the tightening screw for the second time so a double layer of the metal bands result.
 - d. Flip the tightening apparatus into position and turn the tightening screw until the appropriate clamping pressure is achieved against the sealant and pipe penetration.

Sure-Seal® Pressure-Sensitive Pipe Seals		
Typical Properties and Characteristics	Sure-Seal ½" - 3"	Sure-Seal 1" - 6"
Material	Molded EPDM	Molded EPDM
Color	Black (Sure-Seal)	Black (Sure-Seal)
Size	½" to 3" Pipe	1" to 6" Pipe
Packaging	10 / carton	10 / carton
Weight	7 lbs. / carton (3.2 Kg)	11 lbs. / carton (5 Kg)
Shelf Life	1 year	1 year