



Sure-Flex™ PVC

Split Pipe Seals



Overview

Sure-Flex PVC Split Pipe Seals are fabricated flashings made of 60-mil (1.52 mm) reinforced PVC membrane for pipes 1" (25.4 mm) to 6" (152.4 mm) in diameter. Other sizes and colors are available on a special order basis. Overall height of the flashing is 11" (280 mm). A split (cut) and overlap tab are incorporated into these parts to allow the Split Pipe Seals to be opened and wrapped around a round pipe with an obstruction. Such obstructions prevent the use of a standard molded pipe seal. Split Pipe Seals are packaged in boxes of eight and come with universal clamping rings.

Carlisle's PVC Split Pipe Seals are part of the Certified Fabricated Accessory (CFA) program. Certified Fabricated Accessories are the only factory-fabricated PVC accessories that meet the stringent quality tolerances required to be included in a Carlisle warranted roofing system.

Features and Benefits

- » Provides a reliable method of waterproofing round pipe penetrations
- » Provides a substantial labor savings compared to field-fabricating from non-reinforced flashing
- » Provides a more consistent professional appearance than field-fabricated pipe flashings
- » Simplifies the field mechanic's job when flashing a pipe with an obstruction
- » Reinforced PVC enhanced with KEE HP for superior performance
- » Can be used on both PVC and KEE HP systems

Productivity Boosting Features and Benefits:

- » Up to 60% labor savings compared to traditional field fabrication
- » Quick and simple installation with no stretching required
- » Provides a consistent, finished appearance



Installation

1. Order the correctly sized Split Pipe Seal. The following outlines the method to determine the proper size. The nominal diameter of the Split Pipe Seal indicates the maximum size the part will effectively fit. Each Split Pipe Seal can accommodate a pipe 1" smaller in diameter than the nominal size indicates. For example, the 2" part can be utilized to flash pipes from 1½" to 2" in diameter, the 3" part will fit pipe diameters from 2½" to 3" in diameter, etc.
2. Open Split Pipe Seal by pulling apart the tack welds located on the vertical leg of the flashing.
3. Wrap the Split Pipe Seal around the pipe until the vertical leg is tight against the outside diameter of the pipe.
4. Mark the pipe around the top of the Split Pipe Seal.
5. Remove the Split Pipe Seal from around the pipe.
6. Install Water Cut-Off Mastic below the mark that indicates the top of the installed Split Pipe Seal.
7. Wrap the Split Pipe Seal back around the penetration until the vertical leg is tight against the outside diameter of the pipe.
8. Tack-weld the back edge of the Split Pipe Seal's vertical leg ensuring that good contact is maintained between the pipe seal and the pipe. This process will hold the Split Pipe Seal in place.
9. Heat-weld the entire width of the vertical overlap. Utilize the outer surface of the pipe to create the pressure necessary to achieve an acceptable weld.
10. Heat-weld the base flange to the deck membrane and complete the horizontal overlap weld.
11. Install a stainless steel universal clamping ring to provide constant compression of the sealant.
12. Once the weld area is completely cooled, check all splices for voids and cold-welds with a seam probe. Make any needed repairs.

Review Carlisle specifications and details for complete installation information.

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Precautions

- » Remove all lead and other flashing.
- » Temperature of pipe must not exceed 160°F (71°C).
- » Install a minimum of four fastening plates around pipe penetrations. Position fastening plates around the penetration so the plates are covered by the pipe seal flange. A minimum 1½"-wide weld must be maintained around the outer edge of the flange beyond the plates. If fastening plates cannot be installed in a manner to allow a minimum 1½" weld, the plates must be placed outside the Split Pipe Seal flange and covered with a reinforced PVC overlay.
- » Store Split Pipe Seals in a cool, shaded area and cover with light-colored, breathable, waterproof tarpaulins. PVC Split Pipe Seals or membranes that have been exposed to the weather must be prepared with PVC Membrane Cleaner prior to hot-air welding.

Typical Properties and Characteristics

Sizes	1" to 6" O.D. Pipe (25.4 to 152.4 mm)
Packaging	8/box
Weight (each)	0.55 lbs (0.25 kg)
Material	Reinforced 60-mil (1.52 mm) KEE HP membrane
Color	White, gray and tan

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.

LEED® Information

Pre-consumer Recycled Content	10%
Post-consumer Recycled Content	0%
Manufacturing Location	Bloomington, IL
Solar Reflectance Index (SRI)	White: 111 Gray: 43 Tan: 50