



Sure-Flex™ PVC

Square Tubing Wraps



Overview

Sure-Flex PVC Square Tubing Wraps are fabricated flashings made of white 60-mil (1.52 mm) reinforced Sure-Flex membrane for 3-inch (76 mm) by 3" (76 mm), 4" (102 mm) by 4" (102 mm) and 6" (152 mm) by 6" (152 mm) square penetrations. 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 flashing to be opened and wrapped around a square penetration with an obstruction. PVC Square Tubing Wraps are packaged in boxes of 8.

Carlisle's PVC Square Tubing Wraps 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 square tubing penetrations
- » Provides a substantial labor savings compared to field-fabricating the flashing
- » Provides a more consistent professional appearance than field-fabricated flashings
- » Simplifies the field mechanic's job when flashing a square penetration

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. Clean the penetration to eliminate any rust or scale and wipe with a Splice Wipe saturated with PVC Membrane Cleaner.
2. Open PVC Square Tubing Wrap by pulling apart the tack welds located on the vertical leg of the flashing.
3. Wrap the PVC Square Tubing Wrap around the penetration until the vertical portion is tight.
4. Mark the tubing along the top of the PVC Square Tubing Wrap.
5. Remove the PVC Square Tubing Wrap from around the pipe.
6. Coat the areas of the tubing below the mark and the back side of the PVC Square Tubing Wrap with PVC Bonding Adhesive.
7. Wrap the PVC Square Tubing Wrap around the penetration until the vertical leg is tight against the penetration. Use a 2" roller to roll the membrane into the adhesive.
8. Heat-weld the entire width of the vertical overlap. Hand-roll against the outer surface of the penetration to create the pressure necessary to achieve an acceptable weld.
9. Heat-weld the base flange to the deck membrane and complete the horizontal overlap weld.
10. Once the weld area is completely cool, check all splices for voids and cold-welds with a seam probe. Make any needed repairs.
11. Apply a bead of Universal Single-Ply Sealant at the top of the PVC Square Tubing Wrap.

Review Carlisle specifications and details for complete installation information.

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Precautions

- » Remove all lead and other flashing.
- » Temperature of square penetration must not exceed 160°F (71°C).
- » On mechanically-fastened systems, install a minimum of four fastening plates around square penetrations. Position fastening plates around the penetration so the plates are covered by the square tube 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 square tubing wrap flange and covered with a reinforced PVC overlay.
- » Store square penetration seals in a cool, shaded area and cover with light-colored, breathable, waterproof tarpaulins. PVC Square Tubing Wraps or PVC membrane that have been exposed to the weather must be prepared with PVC Membrane Cleaner prior to hot-air welding.

Typical Properties and Characteristics

Sizes	3" (76 mm) x 3" (76 mm) 4" (102 mm) x 4" (102 mm) 6" (152 mm) x 6" (152 mm)
Packaging	8/box
Weight (each)	5.0 lbs (2.3 kg)
Material	Reinforced 60-mil (1.52 mm) PVC membrane
Color	White and Gray

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	Eugene, OR
Solar Reflectance Index (SRI)	White: 111 Gray: 43