Product Data Sheet

FLEX TPO SPLIT PIPE BOOTS

PRODUCT DESCRIPTION

Flex TPO Split Pipe-Boots are fabricated flashings made of 45 mil reinforced Flex TPO membrane for pipes 1-inch (25.4 mm) to 6-inches (152.4 mm) in diameter. A split (cut) and overlap tab are incorporated into these parts to allow the pipe-boots to be opened and wrapped around a round pipe with an obstruction. Such obstructions prevent the use of a standard pre-molded pipe-seal. Split Pipe-Boots are packaged in boxes of six and come with universal clamping rings.

PHYSICAL PROPERTIES

Sizes:	1”, 2”, 3”, 4”, 5” and 6” O.D. Pipe (25.4, 50.8, 76.2, 101.6, 127.0 and 152.4 mm)
Packaging:	6 per box
Weight (each):	0.55 lbs. (0.25 kg)
Material:	Reinforced 45-mil TPO membrane
Color:	White

INSTALLATION

1. Order the proper size pipe-boot. The following outlines the method to determine the proper size. The nominal diameter of the pipe-seal indicates the maximum size the part will effectively fit. Each pipe-boot can accommodate a pipe 1-inch smaller in diameter than the nominal size indicates. For example, the 2-inch part can be utilized to flash pipes from 1-1/16 inches to 2 inches in diameter, the 3-inch part will fit pipe diameters from 2-1/16 inches to 3 inches in diameter, etc.

2. Open the pipe-boot by pulling apart the tack welds located on the vertical leg of the flashing.

3. Wrap the pipe-boot 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 pipe-boot.

5. Remove the pipe-boot from around the pipe.

6. Install Water Cut-off Mastic below the mark, which indicates the top of the installed pipe-boot.

7. Wrap the pipe-boot 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 pipe-boot’s vertical leg ensuring that good contact is maintained between the pipe boot and the pipe. This process will hold the pipe-boot in place.

9. Heat-weld the entire width of the vertical overlap. Hand roll against 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. Apply Flex TPO Cut-Edge Sealant to all edges of the pipe-boot that are located on the horizontal plane. Do not apply the sealant to vertical surfaces.

CAUTIONS AND WARNINGS

- Remove all lead and other flashing.
- Temperature of pipe must not exceed 180°F (82°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 1-1/2 inch 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 1-1/2 inch weld, the plates must be placed outside the pipe-seal flange and covered with a reinforced Flex overlay.
- Store pipe Boot in a cool, shaded area and cover with light-colored, breathable, waterproof tarpaulins. Flex TPO Split Pipe-Boot or membrane that have been exposed to the weather for approximately 7 days or longer prior to use must be prepared with Flex Weathered Membrane Cleaner prior to hot air welding.