

VERSICO VERSIWELD® TPO SPLIT PIPE-SEAL

GENERAL:

VersiWeld TPO Split Pipe-Seals are fabricated flashings made of 45-mil reinforced VersiWeld 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-seals 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-Seals are packaged in boxes of eight and come with universal clamping rings.

TYPICAL PROPERTIES AND CHARACTERISTICS:

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:	8 per box
Weight (each):	0.55 lbs. (0.25 kg)
Material:	Reinforced 45-mil TPO membrane
Color:	White

CAUTIONS AND WARNINGS:

1. Remove all lead and other flashing.
2. Temperature of pipe must not exceed 180°F (82°C).
3. 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 VersiWeld overlay.
4. Store pipe seals in a cool, shaded area and cover with light-colored, breathable, waterproof tarpaulins. VersiWeld TPO Split Pipe-Seals or membrane that have been exposed to the weather for approximately 7 days or longer prior to use must be prepared with Weathered Membrane Cleaner prior to hot air welding.

INSTALLATION:

1. Order the proper size pipe-seal. 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-seal 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 pipe-seal by pulling apart the tack welds located on the vertical leg of the flashing.
3. Wrap the pipe-seal around the pipe until the vertical leg is tight against the outside diameter of the pipe.
3. Mark the pipe around the top of the pipe-seal.
4. Remove the pipe-seal from around the pipe.
5. Install Water Cut-off Mastic below the mark, which indicates the top of the installed pipe-seal.
6. Wrap the pipe-seal back around the penetration until the vertical leg is tight against the outside diameter of the pipe.
7. Tack weld the back edge of the pipe-seal's vertical leg ensuring that good contact is maintained between the pipe seal and the pipe. This process will hold the pipe-seal in place.
8. 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.
9. Heat-weld the base flange to the deck membrane and complete the horizontal overlap weld.
10. Install a stainless steel universal clamping ring to provide constant compression of the sealant.
11. Apply Cut-Edge Sealant to all edges of the pipe-seal that are located on the horizontal plane. Do not apply the sealant to vertical surfaces.