PVC SPLIT PIPE SEAL

GENERAL:

PVC Split Pipe Seals are fabricated flashings made of 60-mil reinforced VersiFlex PVC membrane for pipes 1-inch (25.4 mm) to 6-inches (152.4 mm) in diameter. Other color and sizes are available on a special order basis. 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.

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 60-mil PVC membrane
Color:	White and Gray

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 Split Pipe Seal flange and covered with a reinforced VersiFlex PVC overlay.
4. Store Split Pipe Seals in a cool, shaded area and cover with light-colored, breathable, waterproof tarpaulins. PVC Split Pipe Seals or membrane that has been exposed to the weather must be prepared with PVC Membrane Cleaner prior to hot air welding.

INSTALLATION:

1. Order the proper size 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-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 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.
3. Mark the pipe around the top of the Split Pipe Seal.
4. Remove the Split Pipe Seal from around the pipe.
5. Install Water Cut-off Mastic below the mark, which indicates the top of the installed Split Pipe Seal.
6. Wrap the Split 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 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.
8. 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.
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 PVC Cut Edge Sealant to all edges of the PVC Split Pipe Seal that are located on the horizontal plane. Do not apply the sealant to vertical surfaces.