

# WeatherBond PVC

## Pipe Seals



### Overview

WeatherBond's PVC Pipe Seals are injection-molded, pre-formed flashings for pipes .75" (19 mm) to 8" (203 mm) in diameter. This labor saving accessory provides a quick and reliable way to waterproof round pipe penetrations.

WeatherBond PVC 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 WeatherBond 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 appearance than field-fabricated pipe flashings
- Double-ribbed cutting guide facilitates easier, smoother, and straighter cuts
- Rib design holds the clamp in the proper position

### Installation

1. Cut Pipe Seal between double-ribbed cutting guide, one size smaller than pipe diameter. Do not cut off raised ring.
2. Pull Pipe Seal over pipe until base flange is in contact with the membrane. It may be necessary to apply heat to the top portion of the Pipe Seal to allow installation over the pipe.
3. Mark pipe around the top of the Pipe Seal.
4. Pull Pipe Seal upwards on pipe until mark on the pipe is visible.
5. Apply Water Cut-Off Mastic below the mark that indicates the top of the installed Pipe Seal.
6. Pull Pipe Seal back down over pipe and into position.
7. Heat-weld the Pipe Seal base flange to deck membrane.
8. Install a stainless steel universal clamping ring to provide constant compression of the sealant.

REVIEW CURRENT WEATHERBOND INSTALLATION INSTRUCTIONS FOR SPECIFIC APPLICATION REQUIREMENTS.

### Precautions

1. Remove all lead and other flashing.
2. Temperature of pipe must not exceed 140°F (60°C).
3. Install a minimum of four fastening plates around pipe penetrations. Position fastening plates around the penetration so they 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 Pipe Seal flange and covered with a reinforced WeatherBond membrane overlay.
4. Store Pipe Seals in a cool, shaded area and cover with light-colored, breathable, waterproof tarpaulins. WeatherBond Pipe Seals or membrane that have been exposed to the weather must be prepared with PVC Membrane Cleaner prior to hot-air welding.

### Typical Properties and Characteristics

| Property      | Test Method                       |
|---------------|-----------------------------------|
| Size          | ¾" to 8" O.D. Pipe (19 to 203 mm) |
| Packaging     | 8/Box                             |
| Weight (each) | 0.55 lbs (0.25 kg)                |
| Material      | PVC compound                      |
| Color         | White, Gray, 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.



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Please use the charts below to cross-reference your pipe size with the proper step to cut as shown.

### Copper Tubing (C.T.S.)

| Nominal Tube Size | ¾"  | 1"   | 1¼"  | 1½"  | 2"   | 2½"  | 3"   | 4"   | 5"   | 6"   | 8"  |
|-------------------|-----|------|------|------|------|------|------|------|------|------|-----|
| Pipe O.D.         | .88 | 1.13 | 1.38 | 1.63 | 2.13 | 2.63 | 3.13 | 4.13 | 5.13 | 6.13 | N/A |
| Step of Boot Used | 1   | 1    | 1    | 1½   | 2    | 2    | 3    | 4    | 5    | 6    | N/A |

### Schedule 40/80 Steel Pipe - PVC Standard - Polyethylene Pipe IPS

| Nominal Tube Size | ¾"   | 1"   | 1¼"  | 1½"  | 2"   | 2½"  | 3"   | 4"   | 5"   | 6"   | 8"   |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|
| Pipe O.D.         | 1.05 | 1.32 | 1.66 | 1.90 | 2.38 | 2.88 | 3.50 | 4.50 | 5.56 | 6.63 | 8.63 |
| Step of Boot Used | 1    | 1    | 1½   | 1½   | 2    | 3    | 3    | 4    | 5    | 6    | 8    |

### Cast-Iron Pipe

|                   | Pit Class A & Spun 100-250 |      |      |      |      | Pit Class B, C & D |      |      |      |      |
|-------------------|----------------------------|------|------|------|------|--------------------|------|------|------|------|
| Nominal Tube Size | 2"                         | 3"   | 4"   | 6"   | 8"   | 2"                 | 3"   | 4"   | 6"   | 8"   |
| Pipe O.D.         | 2.50                       | 3.96 | 4.80 | 6.90 | 9.50 | N/A                | 3.96 | 5.00 | 7.10 | 9.30 |
| Step of Boot Used | 2                          | 4    | 5    | 6    | N/A  | N/A                | 4    | 5    | 6    | N/A  |

### Sewer - Soil Pipe

|                   | PVC Plastic SDR 35 & 41...Cast Iron Soil Pipe no hub...service weight & extra heavy |      |      |      |      |      |      |      |      |      |      |      |
|-------------------|---|------|------|------|------|------|------|------|------|------|------|------|
| Nominal Tube Size | 4"  | 4"   | 4"   | 4"   | 6"   | 6"   | 6"   | 6"   | 8"   | 8"   | 8"   | 8"   |
| Pipe O.D.         | 4.22  | 4.38 | 4.30 | 4.62 | 6.28 | 6.30 | 6.30 | 6.62 | 8.40 | 8.38 | 8.38 | 8.75 |
| Step of Boot Used | 4   | 4    | 4    | 4    | 6    | 6    | 6    | 6    | 8    | 8    | 8    | 8    |

### Conduit EMT

| Nominal Tube Size | ¾"    | 1"   | 1¼"  | 1½"  | 2"   | 2½"  | 3"   | 3½"  | 4"   |
|-------------------|-------|------|------|------|------|------|------|------|------|
| Pipe O.D.         | 0.922 | 1.16 | 1.51 | 1.74 | 2.19 | 2.88 | 3.50 | 4.00 | 4.50 |
| Step of Boot Used | 1     | 1    | 1    | 1½   | 2    | 3    | 3    | 4    | 4    |

### Conduit IMC

| Nominal Tube Size | ¾"   | 1"   | 1¼"  | 1½"  | 2"   | 2½"  | 3"   | 3½"  | 4"   |
|-------------------|------|------|------|------|------|------|------|------|------|
| Pipe O.D.         | 1.02 | 1.29 | 1.63 | 1.88 | 2.36 | 2.85 | 3.47 | 3.97 | 4.46 |
| Step of Boot Used | 1    | 1    | 1½   | 1½   | 2    | 3    | 3    | 4    | 4    |

### Conduit Rigid

| Nominal Tube Size | ¾"   | 1"   | 1¼"  | 1½"  | 2"   | 2½"  | 3"  | 3½" | 4"  | 5"   |
|-------------------|------|------|------|------|------|------|-----|-----|-----|------|
| Pipe O.D.         | 1.05 | 1.32 | 1.66 | 1.90 | 2.37 | 2.87 | 3.5 | 4   | 4.5 | 5.56 |
| Step of Boot Used | 1    | 1    | 1½   | 1½   | 2    | 3    | 3   | 4   | 4   | 5    |



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