

Get the Royal Edge Advantage with RPI



Re-Flex TPO Pipe Boot With Tape

RPI RE-FLEX TPO

DESCRIPTION

The Re-Flex TPO Pipe Boot With Tape is a non-reinforced, TPO flashing membrane engineered to be part of a fully adhered or mechanically attached Re-Flex TPO installation. Re-Flex TPO Pipe Boots With Tape are injection molded, pre-formed pipe flashings for pipes 1" to 6" in diameter. Stainless Steel pipe bands are included in each carton of ten boots.

THE RPI ROYAL EDGE ADVANTAGE

- Faster installation with more consistent appearance when compared to field fabricated pipe flashings.
- Rib design allows for accurate cuts and keeps the clamping band secure.
- Available with or without Tape (HW) in white, gray, and tan.
- Excellent long term performance.

APPLICATION INSTRUCTIONS

RPI Re-Flex TPO Pipe Boots with Tape are designed to be installed as part of a fully adhered or mechanically attached TPO installation when using Tapes or heat welders. Refer to the RPI Specification Manual or Application Handbook for more complete installation details.

1. All membranes and substrates must be clean, dry, and free of dirt, dust, and oils. Clean and remove any existing flashing materials (mastics, lead flashings) before installing the Pipe Boot.
2. Cut the Pipe Boot between the two raised sizing ribs that will accommodate the diameter of the pipe. Check the fit by sliding the Pipe Boot over the pipe.
3. Remove the Pipe Boot and any debris or dust that may have contaminated the field membrane around the pipe and clean the field membrane with Re-Flex Membrane Cleaner.
4. Apply Re-Flex Primer Activator to the field membrane around the Pipe using a Scrub Pad. Allow the Primer to "flash-off". Use the finger push test to determine proper flash-off time.
5. Place the Pipe Boot next to the pipe and mark the pipe where the top of the installed Pipe Boot will end. Measure approximately 1" above the mark on the pipe and apply a 3/8" thick bead of Water Cut-Off Mastic around the pipe.
6. Install the Pipe Boot by sliding the boot over the pipe until the bottom flange is flush with the field membrane. The Pipe Boot position must be flush with the field membrane without wrinkles or torque.
7. Lift the Pipe Boot flange and remove the release film while mating the tape surface to the primed field membrane.
8. Using a 2" hand roller, roll the entire pipe boot flange around the pipe.



9. Install the Stainless Steel Clamping ring and apply a bead of Re-Flex Lap Caulk to the top of the boot and pipe.

PRECAUTIONS

Remove all existing pipe flashings before installing Pipe Boot.

Do not install Pipe Boot on pipes with temperature that exceeds 160 F.

Mechanically Attached membrane systems require a minimum of four (4) fasteners around each pipe boot. The plates must be covered by the pipe boot flange to allow a minimum weld of 1 1/2" beyond the plate. If the minimum cannot be attained, the fasteners must be placed outside the boot flange and covered with a re-inforced TPO membrane target patch.

STORAGE

Store Re-Flex TPO HW Pipe Boots in a cool, dry, shaded area. Do not allow the product to become wet during storage. Re-Flex TPO HW Pipe Boots that are exposed to weather or moisture during storage must be cleaned with Membrane Cleaner prior to installation.

Typical Properties and Characteristics

Re-Flex Seam Tape	
Color	White
Material	Cured rubber polymers
Percent Solids	100 %
Thickness	.30" + .005" (.77mm + 1.3mm)
Solvents	None
Re-Flex Pipe Boot	
Color	White
Material	Injection molded TPO
Sizes	Fits 1" O.D. to 6.875" O.D.
Packaging	10 per ctn. (with clamps)
Thickness	70 mil
Boot Flange O.D.	13 inches

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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RPI RE-FLEX TPO RING SIZE CHART

Schedule 40 / 80 Steel Pipe - PVC Standard - Polyethylene Pipe IPS										
Nominal pipe size	¾"	1"	1¼"	1½"	2"	2½"	3"	4"	5"	6"
Pipe O.D.	1.05	1.32	1.66	1.90	2.38	2.88	3.50	4.50	5.56	6.63
Pipe Boot ring used	1	1	1½	1½	2	3	3	4	5	6
Cast Iron Pipe										
	Pit Class A & Spun 100 – 250				Pit Class B, C & D					
Nominal pipe size	2"	3"	4"	6"	2"	3"	4"	6"		
Pipe O.D.	2.50	3.96	4.80	6.90	N/A	3.96	5.00	7.10		
Pipe Boot ring used	2	4	5	6	N/A	4	5	6		
Sewer - Soil Pipe										
PVC Plastic SDR 35 & 41 - Cast Iron Soil Pipe no hub - service weight & extra heavy										
Nominal pipe size	4"	4"	4"	4"	6"	6"	6"	6"		
Pipe O.D.	4.22	4.38	4.30	4.62	6.28	6.30	6.30	6.62		
Pipe Boot ring used	4	4	4	4	6	6	6	6		
Conduit EMT										
Nominal pipe size	¾"	1"	1¼"	1½"	2"	2½"	3"	3½"	4"	
Pipe O.D.	.922	1.16	1.51	1.74	2.19	2.88	3.50	4.00	4.50	
Pipe Boot ring used	1	1	1	1½	2	3	3	4	4	
Conduit IMC										
Nominal pipe 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	
Pipe Boot ring used	1	1	1½	1½	2	3	3	4	4	
Conduit Rigid										
Nominal pipe 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
Pipe Boot ring used	1	1	1½	1½	2	3	3	4	4	5
Copper Tubing (C.T.S.)										
Nominal pipe size	¾"	1"	1¼"	1½"	2"	2½"	3"	4"	5"	6"
Pipe O.D.	.88	1.13	1.38	1.63	2.13	2.63	3.13	4.13	5.13	6.13
Pipe Boot ring used	1	1	1	1½	2	2	3	4	5	6