



PO Box 6256  
Mobile AL, 36606  
1-800-771-6643

## PRODUCT DATA SHEET

### TPO Reinforced Pipe Boots

#### DESCRIPTION

TPO Reinforced Pipe Boots are factory fabricated boots made from high performance roofing membrane. The boot is specifically designed to be used in roofing applications for flashing round penetrations and will fit various sizes from 1" to 6". The tab design allows the boot to be used to flash pipe penetrations with limited or no access from above. The design eliminates the need to use non-supported flashing thus reducing labor and increasing the performance of the detail and system.

#### INSTALLATION

Please refer to current WeatherStar TPO specifications and details for specific information.

1. Substrate must be clean, dry smooth, free of sharp edges, tins, loose, or foreign materials, oil, grease, and other materials which may damage the flashing.
2. All roughened surfaces which could damage the flashing shall be repaired as specified to offer a smooth substrate.
3. All surface voids greater than 1/4" (6.35 mm) wide, including reinforced TPO membrane and field sheets, shall be properly filled with like material.
4. Aged or weathered TPO membranes will require additional cleaning with cleaner in order to remove dirt or debris from the welding area. Refer to the Product Data Sheet for additional information on the proper use and application of the cleaner.
5. Apply waterstop to the penetration making sure the sealant will coincide with the top inside edge of the boot.
6. After fitting the boot over the penetration, heat weld the flange of the boot to prepared TPO field membrane using acceptable heat welding techniques and equipment. Apply cut edge sealant in appropriate color to all membrane edges with exposed scrim.
7. Install a stainless steel clamping ring to the top edge of the boot prior to sealing with termination caulk.

#### PRODUCT DATA

Item Numbers:	30055, 30218, 30258 (1" to 3") 30056, 30219, 30259 (3" to 6")
Membrane:	TPO membrane
Color:	White, Grey, and Tan
Size:	1" to 3" (25.4mm – 76.2 mm) 3" to 6" (76.2mm – 152.4 mm)
Thickness:	.045 (1.1mm) ± 10%
Quantity/Cartron:	10 Boots
Recycled Content:	0%



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#### STORAGE

- Store in original, unopened containers indoors at temperatures between 60° F and 80° F (16° C and 27°C) away from heat sources and physical damage
- Do not store on roof and/or direct sunlight. When exposed to lower temperatures, restore to room temperature prior to use to improve product performance.

#### PRECAUTIONARY DATA

- Take care when moving, transporting, and handling, etc., to avoid sources of punctures and physical damage.
- Material Safety Data Sheet available upon request.

#### WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

#### PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL PHYSICAL PROPERTIES
Color:		White, Grey, Tan
Nominal Thickness – inches (mm):	ASTM D 751	.045 (1.1)
Breaking Strength – min. lbf (N):	ASTM D 751	330 (1500)
Tear Strength – min. lbf (N):	ASTM D 751	156 (694)
Ozone Resistance – No Cracks:	ASTM D 1149	Pass
Linear Dimensional Change – max.%:	ASTM D 1204	0.1