



Product Data Sheet

MULE-HIDE TPO PIPE SEALS

PRODUCT DESCRIPTION

Mule-Hide TPO Pipe Seals are an injection molded, pre-formed flashing for pipes made of Mule-Hide non-reinforced TPO material. They are designed to add ease to the installation process while offering increased watertight security and improved aesthetics.

BASIC USES

Mule-Hide TPO Pipe Seals are designed as an economical flashing for single pipe penetrations on Mule-Hide TPO-c Membrane roof systems. TPO Pipe Seals can be used wherever the TPO Pipe Seals may be slipped over the top of the pipe.



TYPICAL PHYSICAL PROPERTIES

Typical Properties and Characteristics*	
Sizes	3/4" to 8" od (19.0 to 203.2 mm)
Packaging	8 per box
Weight (each)	0.63 lbs (0.3 kg)
Material	Injection molded TPO
Color	White, gray and tan
Service Temp	Max 160°F (71°C)

LEED Information	
Pre-consumer recycled Content	0%
Post-consumer recycled Content	0%
Manufacturing Location	Bloomington, IL
Solar Reflectance Index (SRI)	N/A

*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 or specification range for any particular property of this product.

BENEFITS & SUPPLEMENTAL STATEMENTS

Provides a reliable method of waterproofing round pipe penetrations. Offers substantial labor savings when compared to field fabrication.

INSTALLATION INSTRUCTIONS

1. Remove all existing lead and other flashings.
2. Temperature of pipe must not exceed 160°F (71°C)
3. Cut pipe seal to the desired diameter by cutting between two raised 'ribs' as illustrated on flange of pipe seal. (Do not cut off both raised 'ribs')
4. Pull pipe seal over pipe until base flange is in contact with the membrane. Top portion of pipe seal may be heated to facilitate installation.
5. Mark pipe around top of pipe seal.
6. Pull pipe seal upward until mark on pipe is visible.
7. For mechanically attached systems, install seam plates and fasteners at base of projection. Seam plates must fit inside flange of pipe seal.
8. Install Water Cut-off Mastic below mark on pipe.
9. Pull pipe seal back down over pipe and into position with flange contacting membrane.
10. Heat weld pipe seal to field membrane. Hand gun should be set between 6 and 7.
11. Install stainless steel clamping ring at top of pipe seal to ensure constant compression of the sealant. Do not over tighten clamp.

STORAGE & HANDLING

Store pre-molded pipe seals in a cool, shaded area and cover with a light-colored breathable, waterproof tarpaulin. Pipe seals that have been exposed to the elements must be prepared with weathered membrane cleaner prior to heat welding.

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PROTECTION & SAFETY

Mule-Hide maintains Safety Data Sheets on all of its non-exempt products. Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees and customers. Mule-Hide's Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Mule-Hide products in your facilities.

ADDITIONAL INFORMATION

Copper Tubing (C.T.S.)												
Nominal Tube Size	¾"	1"	1 ¼"	1 ½"	2"	2 ½"	3"	4"	5"	6"	8"	
Pipe O.D.	0.88	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	1 ½	2	2	3	4	5	6	N/A	
Schedule 40 / 80 Steep Pipe – PVC Standard – Polyethylene Pipe IPS												
Nominal Pipe Size	¾"	1"	1 ¼"	1 ½"	2"	2 ½"	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	1 ½	1 ½	2	3	3	4	5	6	8	
Cast Iron Pipe		Pit Class A & Spun 100-250					Pit Class B, C & D					
Nominal Pipe 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 SFR 34 & 41-Cast Iron Soil Pipe no hub-service weight and extra heavy												
Nominal Pipe Size	4"				6"				8"			
Pipe O.D.	4.22 to 4.62				6.28 to 6.62				8.40 to 8.75			
Step of Boot Used	4				6				8			
Conduit EMT												
Nominal Pipe Size	¾"	1"	1 ¼"	1 ½"	2"	2 ½"	3"	3 ½"	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	1 ½	2	3	3	4	4			
Conduit IMC												
Nominal Pipe Size	¾"	1"	1 ¼"	1 ½"	2"	2 ½"	3"	3 ½"	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	1 ½	1 ½	2	3	3	4	4			
Conduit Rigid												
Nominal Pipe Size	¾"	1"	1 ¼"	1 ½"	2"	2 ½"	3"	3 ½"	4"	5"		
Pipe O.D.	1.05	1.32	1.66	1.90	2.37	2.87	3.50	4.00	4.50	5.56		
Step of Boot Used	1	1	1 ½	1 ½	2	3	3	4	4	5		

The information given on this PDS is subject to change without notice. Always check the Mule-Hide website at www.mulehide.com for the latest information, changes and updates or contact Mule-Hide Products Company at 800-786-1492.

DISCLAIMER

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