



Pipe Flashings

Technical Product Information

Flashings for all size penetrations for single ply roofs



**Small
Pipe
Boot**

**Medium
Pipe
Boot**



**Large
Pipe
Boot**

**Quadraseal
Pipe
Boot**



**Prefabricated Roof Accessories for
All Roof Systems**

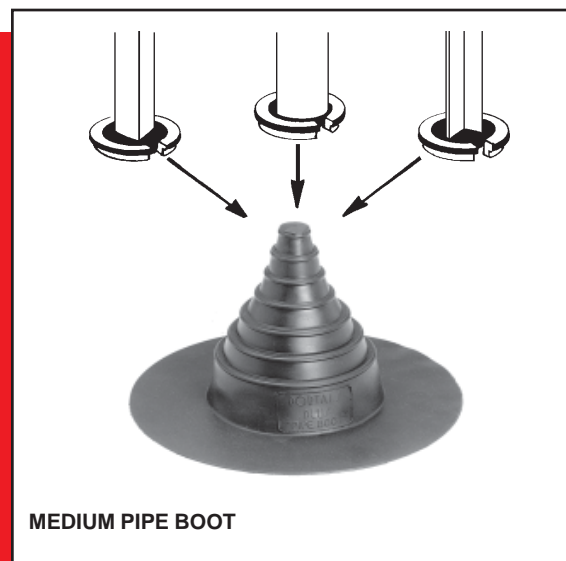


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Flashings for all size penetrations for single ply roofs

The "Pipe Boot" is an economical flashing designed for single pipe penetrations on single ply rubber and thermoplastic roofs. The unit will accommodate virtually all pipe sizes: 1.75" and 2.75" on Small Pipe Boot, 1" through 6" on Medium Pipe Boot and 8" through 12" on Large Pipe Boot. Pipe Boots are available in EPDM, TPO, PVC, Neoprene, or Hypalon material. The Quadraseal is designed to allow as many as four pipes up to 2" in diameter to pass through one flashing. Quadraseals are available in EPDM material only. The conically shaped steps of the Portals Plus pipe flashing will securely seal all pipes and the large double thick molded rib at the top of each step offers supreme tear resistance and reinforcement, as well as a cutting guide. Utilizing the Pipe Flashings eliminates the workmanship error in field fabrication and makes flashing pipes a clean, consistent approach. Adapters for round, square tube, and angle iron available to fit most pipe boots.

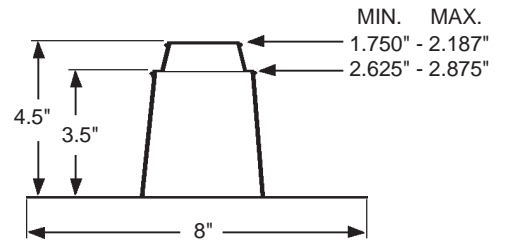
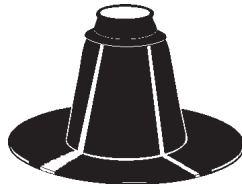




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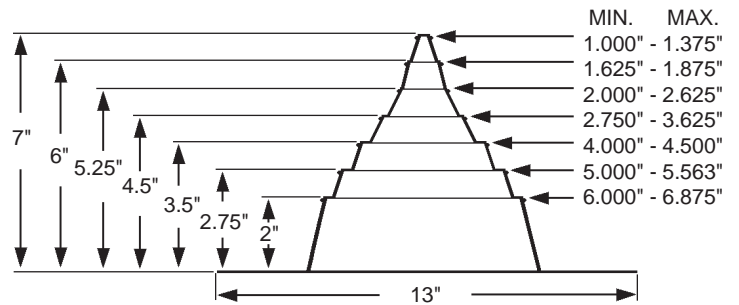
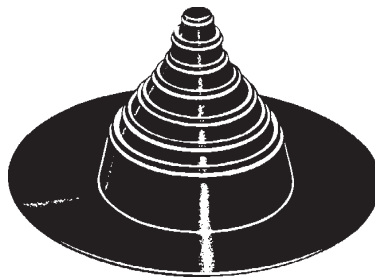
Small Pipe Boot



SPECIFICATION

Furnish and install the Portals Plus Small Pipe Boot as manufactured by Portals Plus, Inc., Bensenville, IL, at all points where any projection penetrates the roof system, and is less than 3" in diameter. The Small Pipe Boot shall include 60 mil EPDM or HYPALON compression molded body. The Small Pipe Boot shall also include Portals Plus' Snaplock Clamp. Use white or black as necessary. Use Portals Plus Adapter Rings for round penetrations less than 1" diameter. Attachment of Small Pipe Boot to roof system shall be done in accordance with Portals Plus Installation Instructions and the roofing membrane manufacturer's requirements.

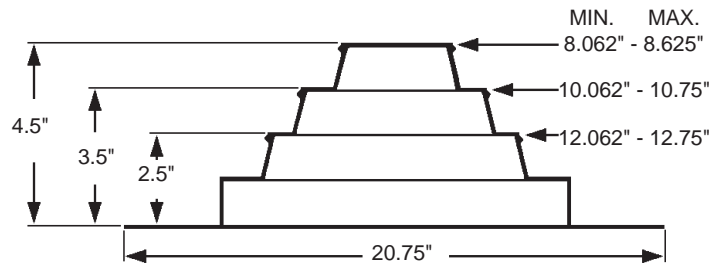
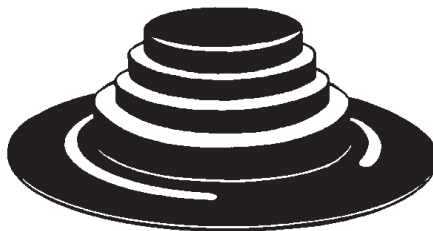
Medium Pipe Boot



SPECIFICATION

Furnish and install the Portals Plus Medium Pipe Boot as manufactured by Portals Plus, Inc., Bensenville, IL, at all points where any projection penetrates the roof system, and is less than 6" in diameter. The Medium Pipe Boot shall include 60 mil EPDM, NEOPRENE, or HYPALON compression molded body. The Medium Pipe Boot shall also include Portals Plus' Snaplock Clamp. Whenever necessary utilize Portals Plus Adapters to seal to square tubing and angle iron and for round penetrations less than 1" in diameter. Use white or black as necessary. Attachment of Medium Pipe Boot to roof system shall be done in accordance with Portals Plus Installation Instructions and the roofing membrane manufacturer's requirements.

Large Pipe Boot



SPECIFICATION

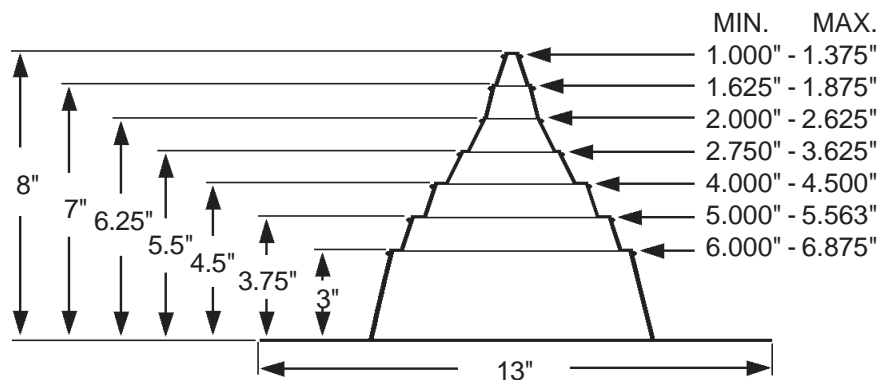
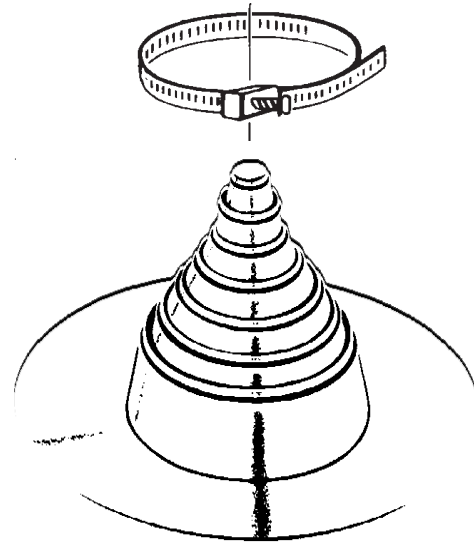
Furnish and install the Portals Plus Large Pipe Boot as manufactured by Portals Plus, Inc., Bensenville, IL, at all points where any projection penetrates the roof system, and is from 8" to 12" in diameter. The Large Pipe Boot shall include 60 mil EPDM or NEOPRENE compression molded body. The Large Pipe Boot shall also include Portals Plus' Snaplock Clamp. Use white or black as necessary. Attachment of Large Pipe Boot to roof system shall be done in accordance with Portals Plus Installation Instructions and the roofing membrane manufacturer's requirements.



Medium Pipe Boot- PVC or TPO

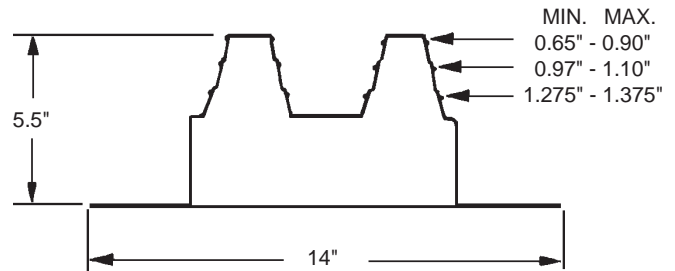
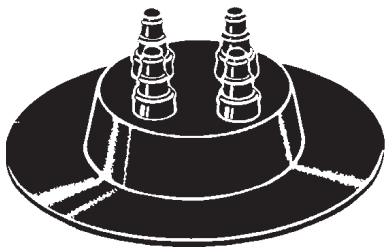
SPECIFICATION

Furnish and install the Portals Plus Medium Pipe Boot as manufactured by Portals Plus, Inc., Bensenville, IL, at all points where any projection penetrates the roof system, and is less than 6" in diameter. The Medium Pipe Boot shall include 70 mil PVC (Polyvinyl Chloride) or TPO (Thermoplastic Olefin) injection molded body. The Medium Pipe Boot shall also include Portals Plus' Snaplock Clamp. Whenever necessary utilize Portals Plus Adapters to seal to square tubing and angle iron and for round penetrations less than 1" in diameter. Use Portals Plus standard colors as necessary. Attachment of Medium Pipe Boot to roof system shall be done in accordance with Portals Plus Installation Instructions and the roofing membrane manufacturer's requirements.





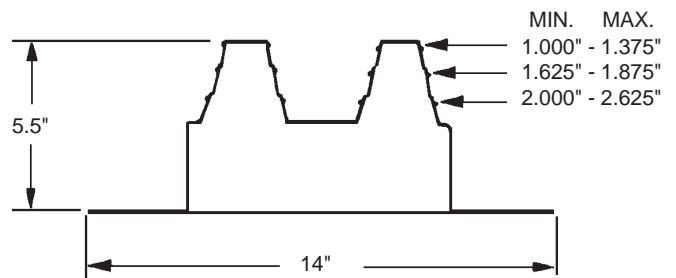
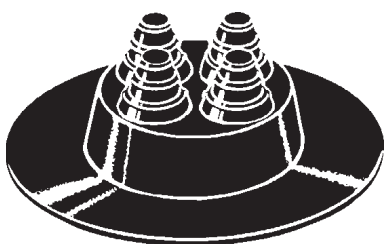
Quadraseal 481R



SPECIFICATION

Furnish and install the Portals Plus Quadraseal 481R as manufactured by Portals Plus, Inc., Bensenville, IL, at all points where up to four projections penetrate the roof system, and are each less than 1" in diameter. The Quadraseal shall include 60 mil EPDM compression molded body. The Quadraseal shall also include Portals Plus' Snaplock Clamps. Whenever necessary utilize Portals Plus Adapters. Attachment of Quadraseal to roof system shall be done in accordance with Portals Plus Installation Instructions and the roofing membrane manufacturer's requirements.

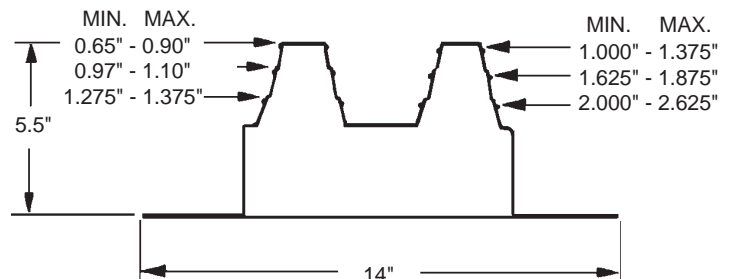
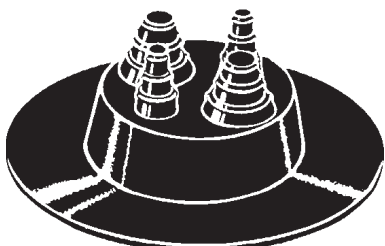
Quadraseal 412R



SPECIFICATION

Furnish and install the Portals Plus Quadraseal 412R as manufactured by Portals Plus, Inc., Bensenville, IL, at all points where up to four projections penetrate the roof system, and are each less than 2" in diameter. The Quadraseal shall include 60 mil EPDM compression molded body. The Quadraseal shall also include Portals Plus' Snaplock Clamps. Whenever necessary utilize Portals Plus Adapters. Attachment of Quadraseal to roof system shall be done in accordance with Portals Plus Installation Instructions and the roofing membrane manufacturer's requirements.

Quadraseal 212R



SPECIFICATION

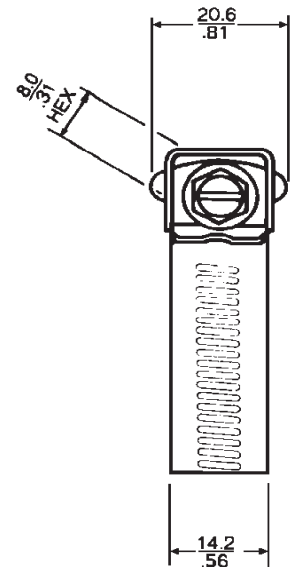
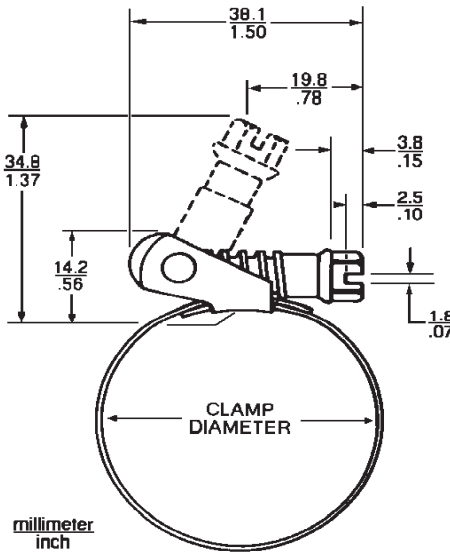
Furnish and install the Portals Plus Quadraseal 212R as manufactured by Portals Plus, Inc., Bensenville, IL, at all points where up to four projections penetrate the roof system, and up to two are each less than 2" in diameter and up to two are each less than 1" in diameter. The Quadraseal shall include 60 mil EPDM compression molded body. The Quadraseal shall also include Portals Plus' Snaplock Clamps. Whenever necessary utilize Portals Plus Adapters. Attachment of Quadraseal to roof system shall be done in accordance with Portals Plus Installation Instructions and the roofing membrane manufacturer's requirements.



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Technical Product Information

Snaplock Clamp

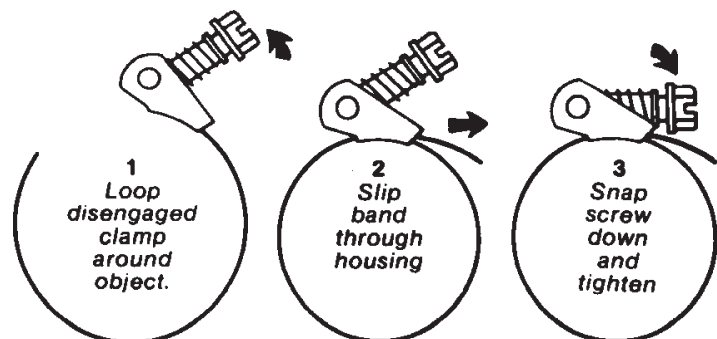


SPECIFICATION

Furnish and install SNAPLOCK Stainless Steel Clamp Band as manufactured by Portals Plus, Inc., Bensenville, IL at all penetrations on the roof, walls, and floors or as shown on drawings.

The Snaplock Clamp Band shall be constructed with a stainless steel band and housing, zinc-plated, yellow chromate, carbon steel bridge and .3125" screw. Clamp band shall conform to all drawings shown.

PPI PART NO.	Clamp Diameters			
	English (inches)		Metric (mm)	
	Min.	Max.	Min.	Max.
M001	.75	1.75	19	44
M002	.875	2.75	23	70
M007	1	4	26	100
M005	2	6	51	152
M003	2	7	51	176
M004	2.3125	8.5	60	215
M006	1.75	15	42	378

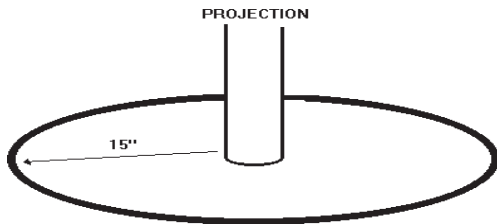




Pipe Flashings

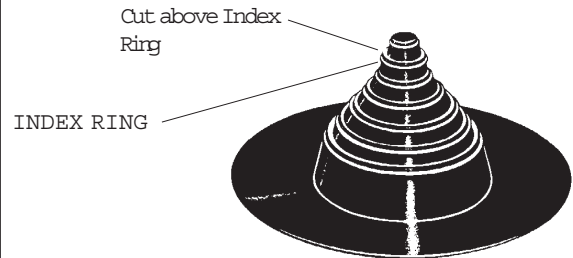
Technical Product Information

Installation Instructions



STEP 1

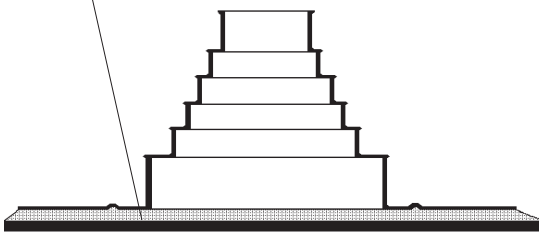
Clean and prepare surface 15" in all directions from the penetration. Check with roofing manufacturer to determine if any special preparations are required.



STEP 2

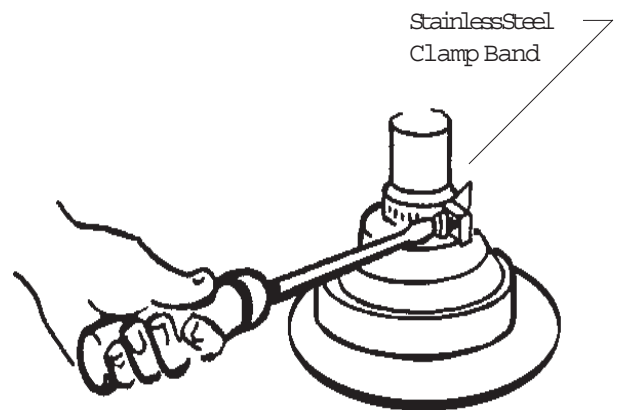
Select proper step of the flashing and cut off above index ring. **REMEMBER:** When in doubt, cut the smaller size. Clean and prime flange in accordance with roofing manufacturer's recommendations.

APPROVED ADHESIVE, TAPE, OR WELDED ATTACHMENT
(per roofing manufacturer's specification)



STEP 3

Apply roofing manufacturers' specified adhesive on base flange of boot (where required), place boot around projection, and complete attachment of flashing to roofing, according to roofing manufacturer's specification.



STEP 4

Using the Stainless Steel SnapLock Clamp, place at top of boot and tighten to projection.