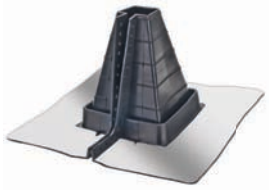
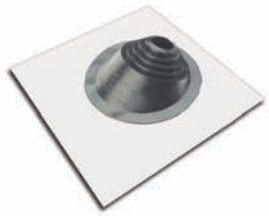
MASTER FLASH®

Quality and Service ***Worldwide***

Since 1968





20 YEAR WARRANTY

ISO 9001:2008 REGISTERED FIRM

GREEN PROGRAM

when reliability counts

aztec washer company

Aztec Washer Company 13821 Danielson Street, Poway, CA 92064
1.800.WASHER 5 (927-4375) • Ph: 858.513.4350 • Fax: 858.513.4305 • www.aztecwasher.com

STANDARD MASTER FLASH®

20 YEAR WARRANTY

Weather Protection
Made of E.P.D.M. or Silicone, these flashings are compounded specifically for maximum resistance to weathering due to ozone and ultraviolet light.

Easy On-Site Customization
Fast, one piece construction allows for easy on-site installation in usually 5 minutes.

Base Flexibility
The base is designed to form a seal on most panel configurations and roof pitches regardless of pipe location.

Design Excellence

Aztec's flexible design meets all roofing needs. Sleeve flexibility accommodates vibration and pipe movement caused by expansion contraction. The soft aluminum base easily conforms to most metal roof profiles.

1. Choose Pipe Opening and Trim
2. Slide Over Pipe
3. Form to Roof Profile
4. Apply Sealant
5. Fasten to Complete

Master Flash® was used to create a new engineering standard for profiled roofing by the International Association of Plumbing and Mechanical Officials (for the Uniform Plumbing Code) and remains the first product listed. These products are also listed for use with Type B vents.

The addition of fire retarding agents milled directly into the rubber compound created a self extinguishing feature which enables it to be used with type "B" vents. Listed with IAPMO certification No. 3121

STANDARD MASTER FLASH®

20 YEAR WARRANTY

ISO Quality, Price & Availability

TWO COMPOUNDS/ 11 SIZES & 10 COLORS

"Available in two compounds to handle virtually all job applications"

TERRA COTTA

BLACK

DARK BLUE

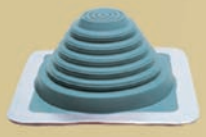
BROWN

WHITE

GREY

LIGHT GREEN

BRIGHT RED



LIGHT BLUE

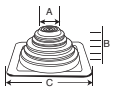
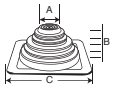
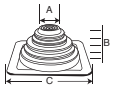
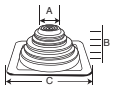
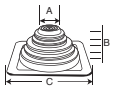
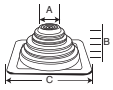
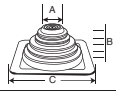
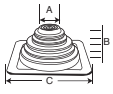
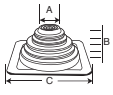
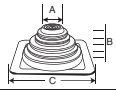
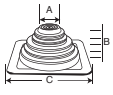
DARK GREEN

ADVANCED OZONE RESISTANCE tested to...	EPDM 70 hour @ 500 pphm	SILICONE 70 hour @ 500 pphm
HIGH TEMPERATURE RESISTANCE		
Tested to Intermittent	+135°C (+275°F)	+260°C (+500°F)
Continuous	+100°C (+212°F)	+225°C (+437°F)
LOW TEMPERATURE RESISTANCE tested to...	– 55°C (-67°F)	–74°C (–101°F)
TENSILE SET maximum	1OMPa (1450 psi)	5 MPa (700 psi)
COMPRESSION SET maximum...	25%	50%

*Complete specification data and testing methods are available upon request.

SIZING CHART

Check diameter of pipe. Select the appropriate Master Flash® for pipe or duct diameter. Only use maximum pipe diameters on minimal roof angles. For extreme pitch or surface irregularity select next larger size. Choose the compound required, then refer to the part number for the Master Flash® desired.

	Pipe Size	Compound	Part No.	Flashing Details		
Mini	1/8"– 3/4" (3.2mm - 19.1 mm)	BLACK EPDM	SQ051BA		A-Top opening diameter	1/16" (1.6mm)
					B-Cut to suit pipe size	1/8" – 3/4" (3.2-19.1mm)
					C-Base dimensions	2 - 1/4" (57.2mm)
#1	1/4"- 2-3/4" (6.4mm - 70mm)	BLACK EPDM	SQ101BA		A-Top opening diameter	Closed
		GREY EPDM	SQ101GA		B-Cut to suit pipe size	1/4" – 2-3/4" (6.4 -70mm)
		SILICONE	SQ102RA		C-Base dimensions	4-1/2" (114.3mm)
#2	7/8"- 4" (22mm - 101.5mm)	BLACK EPDM	SQ201BA		A-Top opening diameter	7/8" (22.2mm)
		GREY EPDM	SQ201GA		B-Cut to suit pipe size	7/8" - 4" (25 - 101.5mm)
		SILICONE	SQ202RA		C-Base dimensions	6" (152.4mm)
#3	1/4" - 5-3/4" (6.3mm - 146mm)	BLACK EPDM	SQ301BA		A-Top opening diameter	Closed
		GREY EPDM	SQ301GA		B-Cut to suit pipe size	1/4" – 5-3/4" (6.3 -146mm)
		SILICONE	SQ302RA		C-Base dimensions	8" (203.2mm)
#4	2-3/4" - 7" (70mm - 177.8mm)	BLACK EPDM	SQ401BA		A-Top opening diameter	2-3/4" (70mm)
		GREY EPDM	SQ401GA		B-Cut to suit pipe size	2-3/4"– 7" (70 -177.8mm)
		SILICONE	SQ402RA		C-Base dimensions	10" (254mm)
#5	4" - 8-1/4" (102mm - 209.5mm)	BLACK EPDM	SQ501BA		A-Top opening diameter	4" (102mm)
		GREY EPDM	SQ501GA		B-Cut to suit pipe size	4" – 8-1/4" (102 - 209.5mm)
		SILICONE	SQ502RA		C-Base dimensions	11" (279.4mm)
#6	4-3/4" - 10" (121mm - 254mm)	BLACK EPDM	SQ601BA		A-Top opening diameter	4-3/4" (121mm)
		GREY EPDM	SQ601GA		B-Cut to suit pipe size	4-3/4" – 10" (121- 254mm)
		SILICONE	SQ602RA		C-Base dimensions	12" (304.8mm)
#7	5-1/2" - 11-1/2" (140mm -292mm)	BLACK EPDM	SQ701BA		A-Top opening diameter	5-1/2" (140mm)
		GREY EPDM	SQ701GA		B-Cut to suit pipe size	5-1/2" – 11-1/2" (140- 292mm)
		SILICONE	SQ702RA		C-Base dimensions	14" (355.6mm)
#8	6-3/4" - 13-1/2" (171.4mm - 343mm)	BLACK EPDM	SQ801BA		A-Top opening diameter	6-3/4" (171.4mm)
		GREY EPDM	SQ801GA		B-Cut to suit pipe size	6-3/4" – 13-1/2" (171.4 - 343mm)
		SILICONE	SQ802RA		C-Base dimensions	17" (431.8mm)
#9	9-1/2" - 20-1/2" (241mm - 520mm)	BLACK EPDM	SQ901BA		A-Top opening diameter	9-1/2" (241mm)
		GREY EPDM	SQ901GA		B-Cut to suit pipe size	9-1/2" – 20-1/2" (241-520mm)
		SILICONE	SQ902RA		C-Base dimensions	25" (635mm)
Maxi	12" - 28-1/2" (305mm - 724mm)	BLACK EPDM	SQ951BA		A-Top opening diameter	12" (304mm)
		GREY EPDM	SQ951GA		B-Cut to suit pipe size	12" – 28-1/2" (304 - 724mm)
		SILICONE	SQ952RA		C-Base dimensions	34" (863.6mm)

MULTI-FLASH MASTER FLASH®

20 YEAR WARRANTY

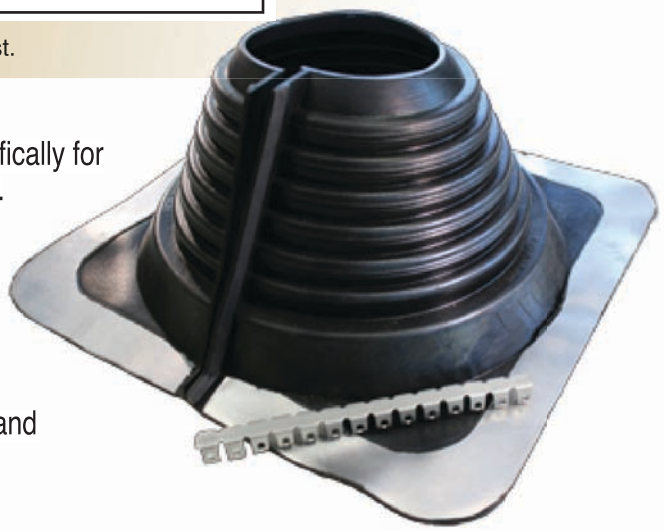
"TWO FLASHINGS IN ONE"

ISO Quality, Price & Availability TWO COMPOUNDS

Multi-Flash is available in two compounds to handle virtually all job applications.

	EPDM 70 hour @ 500 pphm	SILICONE 70 hour @ 500 pphm
ADVANCED OZONE RESISTANCE tested to...		
HIGH TEMPERATURE RESISTANCE Tested to Intermittent Continuous	 +135°C (+275°F) +100°C (+212°F)	 +260°C (+500°F) +225°C (+437°F)
LOW TEMPERATURE RESISTANCE tested to...	– 55°C (-67°F)	–74°C (–101°F)
TENSILE SET maximum	1OMPa (1450 psi)	5 MPa (700 psi)
COMPRESSION SET maximum...	25%	50%

*Complete specification data and testing methods are available upon request.



WEATHER PROTECTION

Made of EPDM or Silicone, these flashings are compounded specifically for maximum resistance to weathering due to ozone and ultraviolet light.

A "C12" ASTM

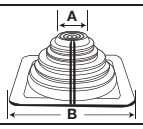
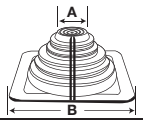
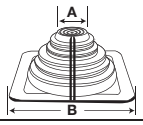
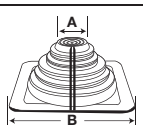
Additional requirement was added to assure conformance to the most stringent ozone/weathering specifications available.

BASE FLEXIBILITY

The base is designed to form a seal on most panel configurations and roof pitch regardless of pipe location.

EASY ON SITE CUSTOMIZING

Smooth cut is intended to eliminate use of razor blades. Stainless steel gripper to secure a retro custom fit. **(GRIPPER SOLD SEPARATELY.)**

	PIPE RANGE		COMPOUND	PART NO.		FLASHING DETAILS	
#3	STANDARD 1/4" - 4" 6 - 102mm	RETROFIT 2" - 4-1/2" 50.8 - 114.3mm	BLACK EPDM	MF301BA		A - Top opening diameter	CLOSED
			RED SILICONE	MF302RA		B - Base dimensions	8" (203.1mm)
#5	STANDARD 4" - 7" 102 - 178mm	RETROFIT 3-1/2" - 6-3/4" 88.9 - 171.4mm	BLACK EPDM	MF501BA		A - Top opening diameter	3 -1/2" (89mm)
			RED SILICONE	MF502RA		B - Base dimensions	11" (279.3mm)
#8	STANDARD 7" - 13" 178 -330mm	RETROFIT 6-1/2" - 12" 165.1 - 304.8mm	BLACK EPDM	MF801BA		A - Top opening diameter	6" (152.3mm)
			RED SILICONE	MF802RA		B - Base dimensions	17" (431mm)
MAXI	STANDARD 13" - 28-1/2" 330.2 - 723.9mm	RETROFIT 13" - 27" 330.2 - 685mm	BLACK EPDM	MF951BA		A - Top opening diameter	11" (279.3mm)
			RED SILICONE	MF952RA		B - Base dimensions	34" (863.5mm

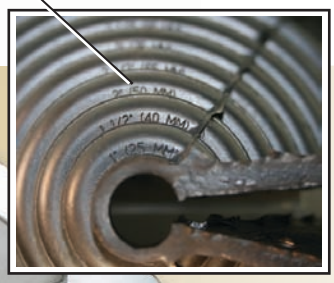
STANDARD RETROFIT MASTER FLASH®

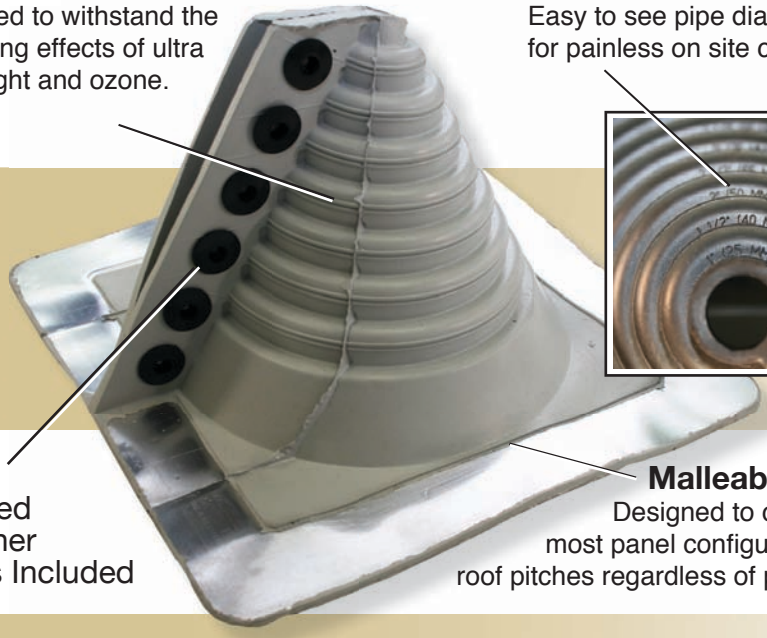
20 YEAR WARRANTY

TWO COMPOUNDS / 3 SIZES

Weather Resistance
Designed to withstand the damaging effects of ultra violet light and ozone.

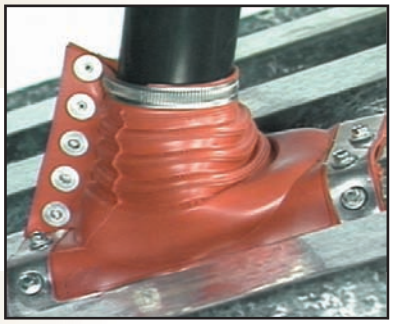
Modification Made Simple
Easy to see pipe diameters make for painless on site customization.





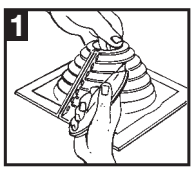
Easily Installed Fastener Snaps Included

Malleable Base
Designed to conform to most panel configurations and roof pitches regardless of pipe location.

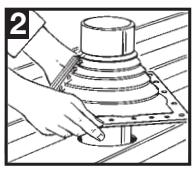


Silicone Retrofit Master Flash®

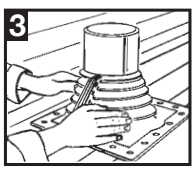
	PIPE SIZE	COMPOUND	PART NO	FLASHING DETAIL	
#1	1/2" - 4" (12.7 - 101.6mm)	BLACK EPDM	RF101BP	A–Top opening diameter	1/2" (12.7mm)
		GREY EPDM	RF101GP	B–Cut to suit pipe size	1/2" - 4" (12.7 -101.6mm)
		SILICONE	RF102RS	C–Base dimensions	8-3/16" (81mm)
#2	4" - 9-1/4" (101.6 - 135mm)	BLACK EPDM	RF201BP	A–Top opening diameter	4" (101.6mm)
		GREY EPDM	RF201GP	B–Cut to suit pipe size	4" - 9-1/4" (101.6 - 235mm)
		SILICONE	RF202RS	C–Base dimensions	14-1/4" (362mm)
#3	9-¼" - 16-¼" (235 - 412.8mm)	BLACK EPDM	RF301BP	A–Top opening diameter	9-1/4" (235 - 412.7mm)
		GREY EPDM	RF301GP	B–Cut to suit pipe size	9-1/4" x 16-1/4" (235 - 412.7mm)
		SILICONE	RF302RS	C–Base dimensions	21-1/2" (546.1mm)



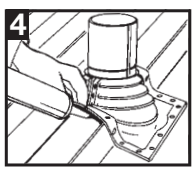
1 Choose appropriate Retrofit. If necessary trim opening to pipe diameter.



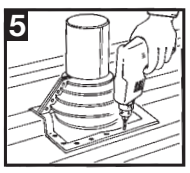
2 Wrap Retrofit around pipe and install all snap rivets to seal flange



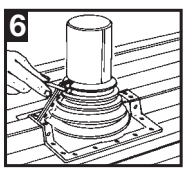
3 Press Master Flash® down, bending it to conform to roof profile or roof irregularities. A blunt tool will help press flashing into tight roof angles.



4 Apply silicone sealant between base, roof, and to the top of flashing



5 Use fasteners to complete sealing. For UPC installation, fastener spacing may not exceed 1-1/2" (38mm)



6 Install supplied cable tie at uppermost part of Retrofit and apply sealant to any gaps.

UPC FOUNDED 1926 IAPMO®

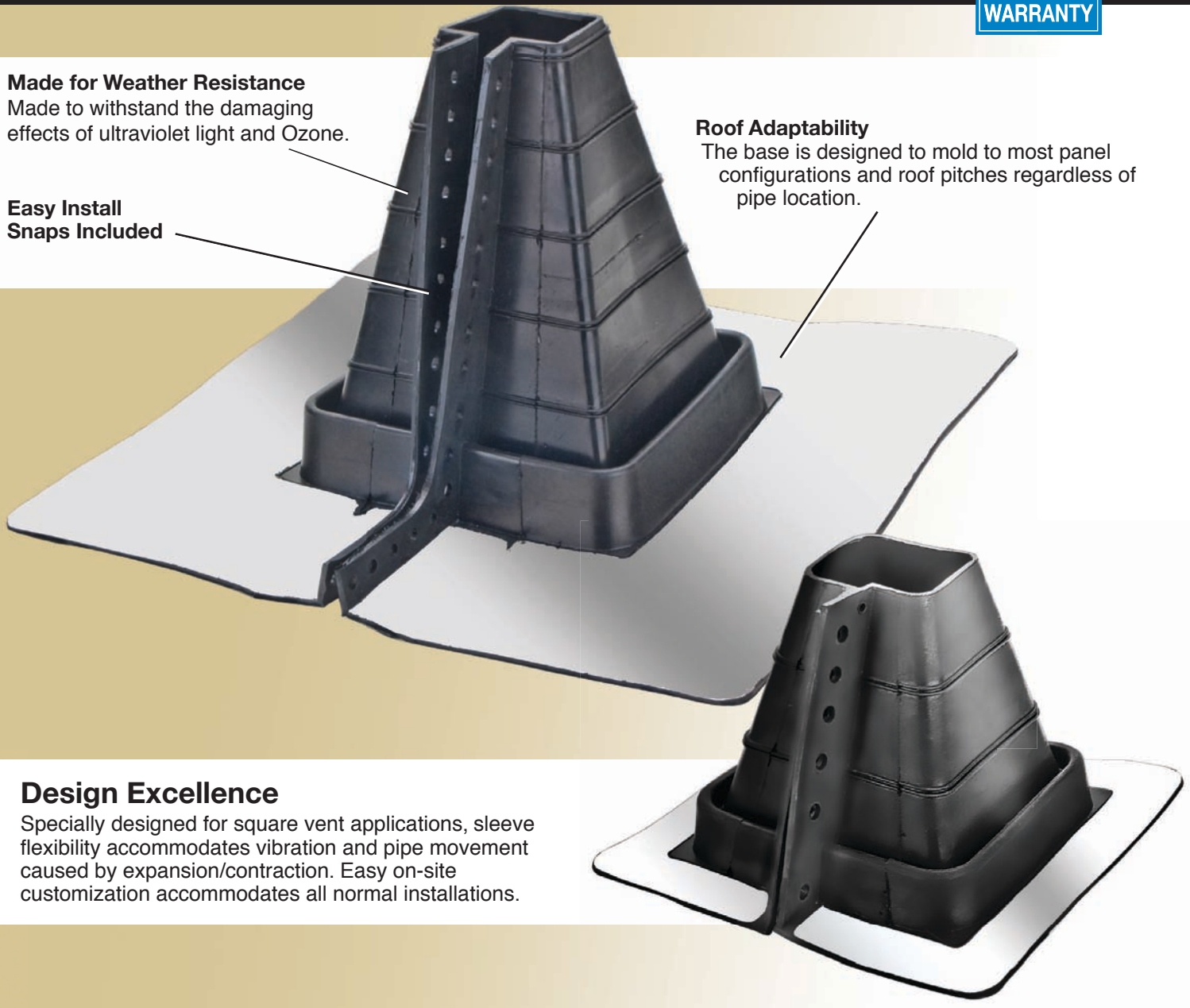
SQUARE VENT MASTER FLASH®

20 YEAR WARRANTY

Made for Weather Resistance
Made to withstand the damaging effects of ultraviolet light and Ozone.

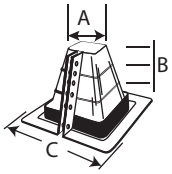
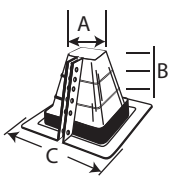
Easy Install
Snaps Included

Roof Adaptability
The base is designed to mold to most panel configurations and roof pitches regardless of pipe location.



Design Excellence

Specially designed for square vent applications, sleeve flexibility accommodates vibration and pipe movement caused by expansion/contraction. Easy on-site customization accommodates all normal installations.

	PIPE SIZE	COMPOUND	PART NO.		FLASHING DETAIL	
#1	2-1/2"- 4" (63-101mm)	BLACK EPDM	RF101BP-SQ		A-Top opening diameter	2-1/2" (63mm)
					B-Cut to suit pipe size	2-1/2" to 4" (63-101mm)
					C-Base dimensions	8" (203.2mm)
#2	2-1/4"- 5" (57-127mm)	BLACK EPDM	RF201BP-SQ		A-Top opening diameter	2-1/4" (57mm)
					B-Cut to suit pipe size	2-1/4" to 5" (57-127mm)
					C-Base dimensions	15-3/4" (400mm)

UNIVERSAL RETROFIT MASTER FLASH®

20 YEAR WARRANTY

ISO Quality, Price & Availability / TWO COMPOUNDS / 3 SIZES

ADVANCED OZONE RESISTANCE tested to...	EPDM 70 hour @ 500 pphm	SILICONE 70 hour @ 500 pphm
HIGH TEMPERATURE RESISTANCE Tested to Intermittent	+135°C (+275°F)	+260°C (+500°F)
Continuous	+100°C (+212°F)	+225°C (+437°F)
LOW TEMPERATURE RESISTANCE tested to...	– 55°C (-67°F)	–74°C (–101°F)
TENSILE SET maximum	1OMPa (1450 psi)	5 MPa (700 psi)
COMPRESSION SET maximum...	25%	50%

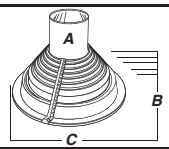
*Complete specification data and testing methods are available upon request.

Weather Protection Made of E.P.D.M. or Silicone, these flashings are compounded specifically for maximum resistance to weathering due to ozone and ultraviolet light.

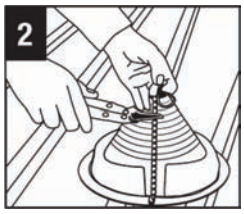
Flexible Base
Easily forms to contours of roof panel.

Easy On-Site Customization
Fast, one piece construction allows for easy on-site install in usually 5 minutes.

	PIPE SIZE	PART NO.	COMPOUND	FLASHING DETAIL	
#1	3/4" - 2-3/4" (19 - 69mm)	RF101BS-RD	BLACK EPDM	A-Top opening diameter	3/4"(19.1mm)
		RF101GS-RD	GREY EPDM	B-Cut to suit pipe size	3/4" - 2-3/4" (19 - 69mm)
		RF102RS-RD	SILICONE	C-Base dimensions	6 - 3/10" (160mm)
#2	2" - 7-1/4" (50.8 - 184mm)	RF201BS-RD	BLACK EPDM	A-Top opening diameter	2" (50.8mm)
		RF201GS-RD	GREY EPDM	B-Cut to suit pipe size	2"- 7-1/4" (50.8 - 184mm)
		RF202RS-RD	SILICONE	C-Base dimensions	10-3/4" (273mm)
#3	3-1/4" - 10" (95 - 254mm)	RF301BS-RD	BLACK EPDM	A-Top opening diameter	3-1/4 - 10" (50.8mm)
		RF301GS-RD	GREY EPDM	B-Cut to suit pipe size	3-1/4" - 10" (95 - 254mm)
		RF302RS-RD	SILICONE	C-Base dimensions	14-1/2" (368mm)



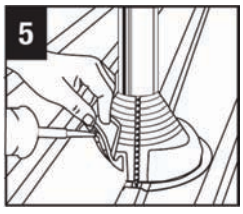
Step 1: For retrofit installation, cut center rubber at base of the stainless joiner and pull apart.



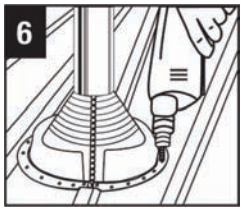
Using tin snips, cut the flashing to fit pipe, starting opposite the Gripper

Wrap Rerofit aroud pipe, join the interlocking teeth starting from the top and proceeding down.

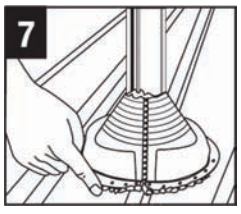
Squeeze Gripper tightly with pliers to crimp, start at the top and work down to the base.



Apply sealant to the underside of the base. Shape Retrofit to roof by pressing the aluminum base to the roof contours.



Fasten Retrofit to roof using self-drilling screws, leave no gaps between base and the roof contours.



Apply additional sealant to Gripper joiner seam and to all areas that could be a potential leak risk.