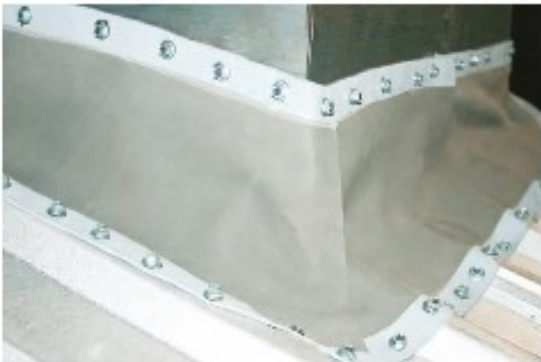


(SLF) Stretchable Linear Flash Master Flash® Roof Flashing System Stretch and Seal



Stretches 20%



- Made of Grey ozone resistant EPDM
- 11inch wide
- 0.065 thick grey EPDM linear flashing
- Available in 12' and 33 foot lengths

Contact us for desired lengths

Applications:

Transition Walls • Parapet Walls • Stepped Roofs • Corrugated Metal Roofs • Roof Penetrations
Expansion Joint • Large Pipes • Skylights

Stretchable Linear Flash

Compound	Part No.	Flashing Details
Grey EPDM	SLF065G11-12	11 in (280mm) Wide 12ft (3.6M) Long
Grey EPDM	SLF065G11-33	11 in (280mm) Wide 33ft (10meters) Long

Distributed By: **CRAFT** FASTENER, INC

Imperial Business Park * 304 High Tech Drive * Oakdale, Pa 15071

Phone (724)-695-7722 * Fax (724)-695-7735

Extreme Angle Master Flash®

Specifically designed for **Metal Roofing Industry**



for applications with a 35 to 65 degree angle, while accepting & responding to the most commonly encountered pipe penetrations.

ISO Quality, Price & Availability / TWO COMPOUNDS

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)
COMPRESSION SET minimum...	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.



Adaptable Base

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



Modification Made Simple

Easy to see pipe diameters make for painless on-site installation.



The built in 40° degree pitch

Allows to handle any extreme roof pitch (35° - 65°), 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 Details	
Extreme Angle 1/4" - 5-3/4" (6 - 146mm)	Black EPDM	EA101BA		A-Top opening diameter	Closed
	Silicone	EA102RA	B-Cut to suit pipe size	1/4" - 5-3/4" (6 - 146mm)	
			C-Base dimensions	11" (279mm)	

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Multi-Flash Master Flash®

**20
YEAR
WARRANTY**

“TWO FLASHINGS IN ONE”

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

ISO Quality, Price & Availability / TWO COMPOUNDS / 10 SIZES

	EPDM 70 hour @ 500 pphm	SILICONE 70 hour @ 500 pphm
ADVANCED OZONE RESISTANCE tested to...		
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)
COMPRESSION SET minimum...	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.



Base Flexibility

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



Easy On-Site Customization

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



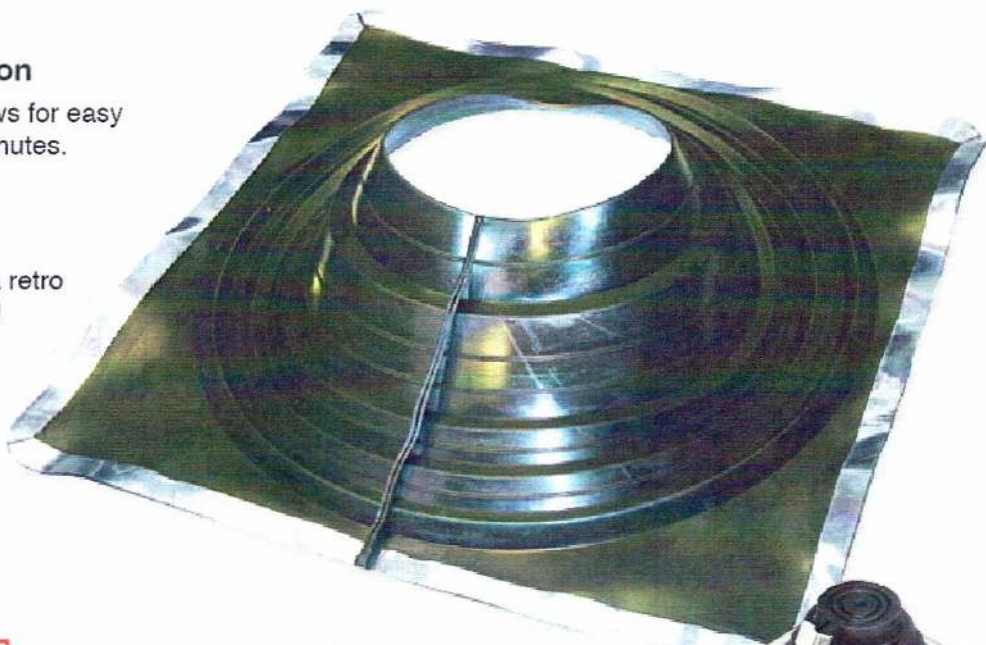
Easy install

stainless steel gripper to secure a retro custom fit. *(gripper included)*



Adaptable Base

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



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Multi-Flash Master Flash®

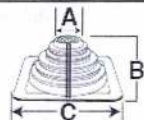
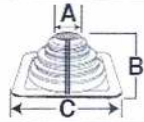
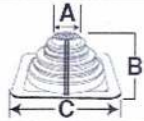
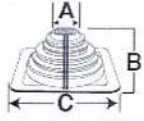
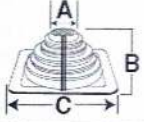
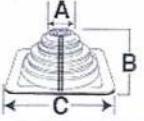
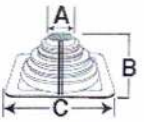
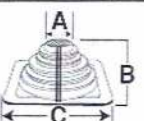
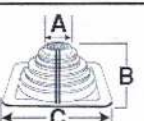
“TWO FLASHINGS IN ONE”

**20
YEAR
WARRANTY**



SIZING CHART


Check diameter of pipe. Select the appropriate Multi-Flash 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. Then refer to the part number for the Multi-Flash Master Flash® desired.


Pipe Size		Compound	Part No.		Flashing Details		
#2	STANDARD 7/8" - 4" (22 - 101mm)	RETROFIT 1/2" - 3-1/2" (12 - 89mm)	Black EPDM	MF201BA		A-Top opening diameter	7/8" (22mm)
			Silicone	MF202RA		B-Overall height	2-3/4" (70mm)
#3	STANDARD 1/4" - 5-3/4" (6 - 146mm)	RETROFIT 2" - 4-1/2" (50 - 114mm)	Black EPDM	MF301BA		A-Top opening diameter	Closed
			Silicone	MF302RA		B-Overall height	3" (76mm)
#4	STANDARD 2-3/4" - 7" (70 - 177mm)	RETROFIT 2-1/4" - 6-1/2" (57 - 165mm)	Black EPDM	MF401BA		A-Top opening diameter	2-3/4" (70mm)
			Silicone	MF402RA		B-Overall height	4-3/4" (120mm)
#5	STANDARD 4" - 8-1/4" (101 - 209mm)	RETROFIT 3-1/2" - 6-3/4" (90 - 171mm)	Black EPDM	MF501BA		A-Top opening diameter	4" (101mm)
			Silicone	MF502RA		B-Overall height	4" (101mm)
#6	STANDARD 4-3/4" - 10" (121 - 254mm)	RETROFIT 4-1/4" - 9-1/2" (108 - 241mm)	Black EPDM	MF601BA		A-Top opening diameter	4-3/4" (121mm)
			Silicone	MF602RA		B-Overall height	4-1/2" (114mm)
#7	STANDARD 5-1/2" - 11-1/2" (140 - 292mm)	RETROFIT 5" - 11" (127 - 279mm)	Black EPDM	MF701BA		A-Top opening diameter	5-1/2" (140mm)
			Silicone	MF702RA		B-Overall height	5-1/2" (140mm)
#8	STANDARD 6-3/4" - 13-1/2" (171 - 343mm)	RETROFIT 6-1/2" - 12" (165 - 304mm)	Black EPDM	MF801BA		A-Top opening diameter	6-3/4" (171mm)
			Silicone	MF802RA		B-Overall height	5-3/4" (146mm)
#9	STANDARD 9-1/2" - 20-1/2" (241 - 520mm)	RETROFIT 9" - 20" (228 - 508mm)	Black EPDM	MF901BA		A-Top opening diameter	9-1/2" (241mm)
			Silicone	MF902RA		B-Overall height	5-3/4" (146mm)
Maxi	STANDARD 12" - 28-1/2" (305 - 724mm)	RETROFIT 13" - 27" (330 - 685mm)	Black EPDM	MF951BA		A-Top opening diameter	12" (304mm)
			Silicone	MF952RA		B-Overall height	7-1/2" (190mm)
						C-Base dimensions	34" (863mm)

Standard Retrofit Master Flash®

Two Compounds / 3 Sizes

20
YEAR
WARRANTY


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

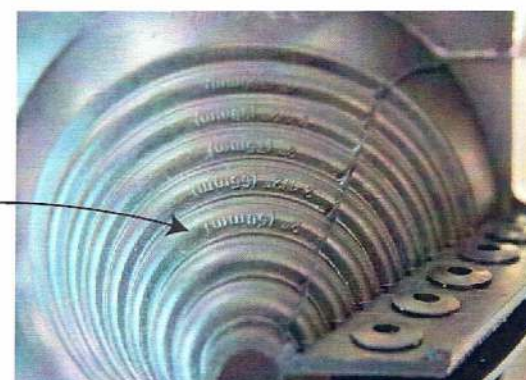
 **Malleable Base**
Designed to conform to most panel configurations and roof pitches regardless of pipe location.

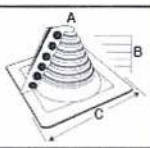
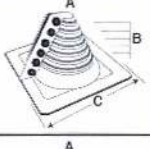

Silicone Retrofit Master Flash®

Easily Installed aluminum fastener snaps included

Easily Installed plastic fastener snaps included

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



	PIPE SIZE	COMPOUND	PART NO		FLASHING DETAIL	
#1	1/2" - 4" (12 - 101mm)	Black EPDM	RF101BP		A-Top opening diameter	1/2" (12mm)
		Grey EPDM	RF101GP		B-Cut to suit pipe size	1/2" - 4" (12 - 101mm)
		Silicone	RF102RS		C-Base dimensions	8-3/16" (205mm)
#2	4" - 9-1/4" (101 - 135mm)	Black EPDM	RF201BP		A-Top opening diameter	4" (101mm)
		Grey EPDM	RF201GP		B-Cut to suit pipe size	4" - 9-1/4" (101 - 235mm)
		Silicone	RF202RS		C-Base dimensions	14-1/4" (362mm)
#3	9-1/4" - 16-1/4" (235 - 412mm)	Black EPDM	RF301BP		A-Top opening diameter	9-1/4" (235mm)
		Grey EPDM	RF301GP		B-Cut to suit pipe size	9-1/4" - 16-1/4" (235 - 412mm)
		Silicone	RF302RS		C-Base dimensions	21-1/2" (546mm)

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CRAFT FASTENER, INC.
Imperial Business Park
304 High Tech Drive
Oakdale, PA 15071
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Universal Master Flash[®]

ALL AROUND PERFORMANCE

20
YEAR
WARRANTY



Ozone and UV Protection

Flashings are made of E.P.D.M and Silicone, and are designed for maximum resistance to all weather conditions.



On-Site Customization

Pipe diameters can be seen clearly for proper fitting.



Adaptable Base

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



Red Silicone



Black EPDM



NEW
Grey Silicone



Light
Grey EPDM



New
Dark Grey EPDM



All Around Design Excellence

This universal flashing has been designed to fit virtually all panel configurations. Sleeve flexibility absorbs vibration and pipe movement caused by expansion/contraction. Easy on-site customization can accommodate all normal installations.

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BROWN



BLACK



DARK GREY



LIGHT GREY



WHITE



DARK GREEN



LIGHT GREEN



DARK BLUE



LIGHT BLUE



BRIGHT RED



TERRA COTTA

Universal Master Flash®



ISO Quality, Price & Availability / TWO COMPOUNDS / 9 SIZES / 11 COLORS

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)
COMPRESSION SET minimum...	25%	50%

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

SIZING CHART

Check diameter of pipe. Select the appropriate Universal 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. Then refer to the part number for the Universal Master Flash® desired.

	Pipe Size	Compound	Part No.		Flashing Details	
#1	1/4" - 2-1/2" (6 - 63mm)	Black EPDM	RD101BE		A-Top opening diameter	Closed
		Grey EPDM	RD101GG		B-Overall height	3-1/4" (82mm)
		Dark Grey EPDM	RD101NG		C-Base dimensions	4-3/4" (120mm)
		Red Silicone	RD102RG			
		Grey Silicone	RD102GX			
#2	1-3/4" - 3" (44 - 76mm)	Black EPDM	RD201BE		A-Top opening diameter	1-1/4" (31mm)
		Grey EPDM	RD201GG		B-Overall height	4" (101mm)
		Dark Grey EPDM	RD201NG		C-Base dimensions	6-1/4" (158mm)
		Red Silicone	RD202RG			
		Grey Silicone	RD202GX			
#3	1/4" - 5" (6 - 127mm)	Black EPDM	RD301BE		A-Top opening diameter	Closed
		Grey EPDM	RD301GG		B-Overall height	4" (101mm)
		Dark Grey EPDM	RD301NG		C-Base dimensions	7-3/4" (196mm)
		Red Silicone	RD302RG			
		Grey Silicone	RD302GX			
#4	3" - 6-1/4" (76 - 158mm)	Black EPDM	RD401BE		A-Top opening diameter	2-1/4" (57mm)
		Grey EPDM	RD401GG		B-Overall height	4-3/4" (120mm)
		Dark Grey EPDM	RD401NG		C-Base dimensions	9-1/4" (234mm)
		Red Silicone	RD402RG			
		Grey Silicone	RD402GX			
#5	4-1/4" - 7-3/4" (107 - 196mm)	Black EPDM	RD501BE		A-Top opening diameter	3-1/2" (88mm)
		Grey EPDM	RD501GG		B-Overall height	4-1/4" (107mm)
		Dark Grey EPDM	RD501NG		C-Base dimensions	10-1/2" (266mm)
		Red Silicone	RD502RG			
		Grey Silicone	RD502GX			
#6	5" - 9" (127 - 228mm)	Black EPDM	RD601BE		A-Top opening diameter	5" (127mm)
		Grey EPDM	RD601GG		B-Overall height	6" (152mm)
		Dark Grey EPDM	RD601NG		C-Base dimensions	13" (330mm)
		Red Silicone	RD602RG			
		Grey Silicone	RD602GX			
#7	6" - 11" (152 - 279mm)	Black EPDM	RD701BE		A-Top opening diameter	5-1/2" (139mm)
		Grey EPDM	RD701GG		B-Overall height	5-1/2" (139mm)
		Dark Grey EPDM	RD701NG		C-Base dimensions	14-1/2" (368mm)
		Red Silicone	RD702RG			
		Grey Silicone	RD702GX			
#8	7" - 13" (177 - 330mm)	Black EPDM	RD801BE		A-Top opening diameter	6" (152mm)
		Grey EPDM	RD801GG		B-Overall height	6" (152mm)
		Dark Grey EPDM	RD801NG		C-Base dimensions	16-1/2" (412mm)
		Red Silicone	RD802RG			
		Grey Silicone	RD802GX			
#9	9" - 19" (228 - 482mm)	Black EPDM	RD901BE		A-Top opening diameter	7-3/4" (196mm)
		Grey EPDM	RD901GG		B-Overall height	9" (228mm)
		Dark Grey EPDM	RD901NG		C-Base dimensions	25 - 1/4" (641mm)
		Red Silicone	RD902RG			
		Grey Silicone	RD902GX			



Universal Retrofit Master Flash®

ISO Quality, Price & Availability / Two Compounds

ADVANCED OZONE RESISTANCE tested to...	EPDM 70 hour @ 500 pphm	SILICONE 70 hour @ 500 pphm
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)
COMPRESSION SET minimum...	25%	50%

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



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.



Weather Protection Made of EPDM or Silicone,

these flashings are compounded specifically for maximum resistance to weathering due to ozone and ultraviolet light.



	Pipe Size	Compound	Part No.		Flashing Details	
#1	3/4" - 2-3/4" (19 - 70mm)	Black EPDM	RF101BS-RD		A-Top opening diameter	3/4"(19mm)
		Grey EPDM	RF101GS-RD		B-Cut to suit pipe size	3/4" - 2-3/4" (19 - 69mm)
		Silicone	RF102RS-RD		C-Base dimensions	5 - 3/10" (160mm)
#2	2" - 7-1/4" (50 - 184mm)	Black EPDM	RF201BS-RD		A-Top opening diameter	2" (50mm)
		Grey EPDM	RF201GS-RD		B-Cut to suit pipe size	2" - 7-1/4" (50 - 184mm)
		Silicone	RF202RS-RD		C-Base dimensions	10-3/4" (273mm)
#3	3-1/4" - 10" (95 - 254mm)	Black EPDM	RF301BS-RD		A-Top opening diameter	3-1/4" - 10" (95mm)
		Grey EPDM	RF301GS-RD		B-Cut to suit pipe size	3-1/4" - 10" (95 - 254mm)
		Silicone	RF302RS-RD		C-Base dimensions	14-1/2" (368mm)



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



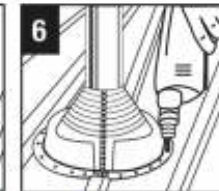
Wrap Retrofit around pipe, join the interlocking teeth starting from the top and proceeding down.



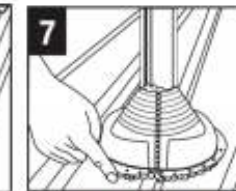
Squeeze Gripper tightly with pliers to crimp, start at the top and work down to the base.



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 structure.



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

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