Retrofit Flashings for Metal Roofing Electrical Masts (EMC)

DMI
DIRECT METALS INC.

Designed to waterproof electrical mast connections or collared pipe penetrations through metal roof panels

Retrofit - split flashing designed with sleeve flexibility to absorb vibration and pipe movement caused by expansion/contraction while sealing out unwanted elements. Easy on-site customization can accommodate virtually all installations. Available in standard EPDM and silicone high temperature models for extreme temperature applications.

- **Superior sleeve flexibility and vibration resistant.**
- **Adaptable base designed to mold to most panel configurations and roof pitch regardless of mast or pipe location.**
- **Aluminum base ring for easy molding and fastener stability.**
- **20 Year limited warranty and superior weatherability.**
- **UPC Code approval, IAMPO & CSA listing.**
- **Florida Building Code approval FL 28400.3**
- **Easy to read size cut markings.**
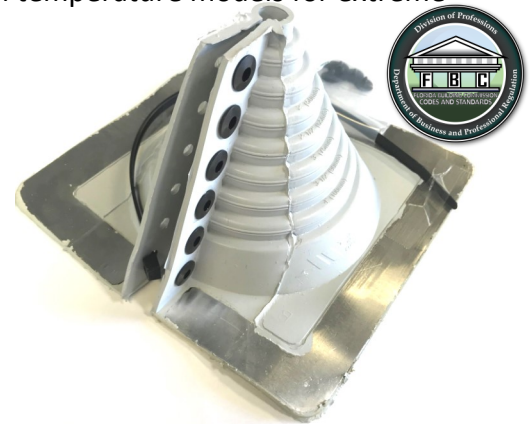
Specifications

Performance Temperature Range

Standard EPDM Flashings   -65 deg F to 212 deg F
High Temp Silicone Flashings -100 deg F to 437 deg F
Adv Ozone Resistance Testing: 70 hr @ 500pphm
Design Uplift Pressure = -300 PSF (28 fasteners)

Florida Building Code Approved :
#101 (#1) Retrofit Masterflash
Approval # FL 28400.3

100% Made in North America,

Buy American Plan Compliant.

Selection

				GRAY EPDM	Silicone HT
Size	Fits Pipes	Base	Qty/Box	Part#	Part#
#101	0.50"- 4"	8.19"	5	DML101G	DML102H
#201	4"- 9.25"	14.25"	5	DML201G	DML202H
#301	9.25"- 16.25"	21.50"	5	DML301G	DML302H

Colors available in #101 size of EPDM

Gray or Black
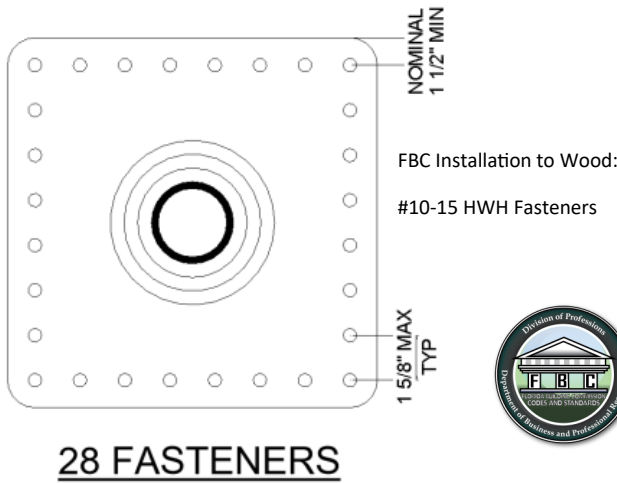
Colors available in #101 size of Silicone High Temp

Red

Installation

See reverse of this page

To find a distributor of DMI products please visit www.directmetalsinc.com or call 855-800-8878

Installation Guide
Retrofit Flashings
Square Base #101

DMI
DIRECT METALS INC.

NOMINAL 1 1/2" MIN

FBC Installation to Wood:

#10-15 HWH Fasteners

1 5/8" MAX TYP

28 FASTENERS

Suggested Installation Accessories

Fasteners to Wood Substrate   Part#
#10-15 x 1-1/2" WoodZIP SCAMP SSC   DMI4SSC150M
#10-15 x   2" WoodZIP SCAMP SSC   DMI4SSC200M

Fasteners to Steel Substrate   Part#
#12 x 1-1/4" SteelZIP SCAMP SD3 SSC DMI4SSCSD3125M

Fasteners to Sheet Metal Panel Only Part#
#14 x 7/8" SteelZIP SCAMP SD1 SSC DMI4SSCSD114078M

Sealant for under base   Part#
7108 Permathane 300 ML Tubes Gray   DMISM7108G
DMI Butyl*Roll Butyl Tape 3/4"   DMBT3323445

- Find pipe size in the table below and trim flashing as shown

- Use one size larger flashing on steep roof or deep corrugations

Top Opening

Pipe Dimension

	#101	#201	#301
	.50	3.61	9.25
1	1.0	4.0	10.25
2	1.50	4.75	11.25
3	2.0	5.50	12.25
4	2.50	6.25	13.25
5	3.0	7.0	14.25
6	3.50	7.75	15.25
7	4.0	8.50	16.25
Base	8.19	14.25	21.50

Retrofit Master Flash® Square Base

1 Select and Trim... Choose appropriate Retrofit size. If necessary trim opening to pipe diameter.

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

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

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

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

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

MSDS: Based on current requirements of the occupational safety and health administration code, 26CFR, part 19101200 (Hazard communication), it has been determined that our pipe flashing products are considered "articles". A material safety data sheet is not required for items meeting the code definition of "article".

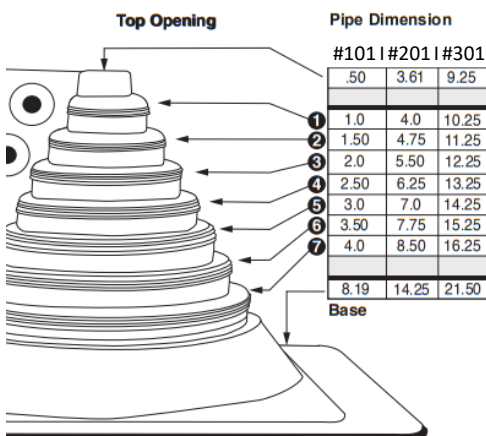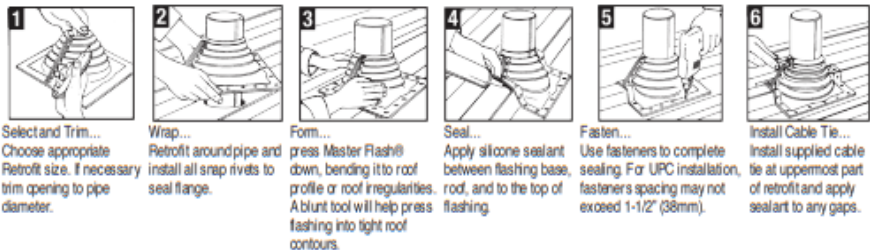To find a distributor of DMI products please visit www.directmetalsinc.com or call 855-800-8878