

## Master Flash® Metal Roof Sealing Adapter and Metal Roof Sealing Adapter Multi-Flash

### 1.1 Master Flash® Metal Roof Sealing Adapter – Technical Data Sheet

- Master Flash® Metal Roof Sealing Adapter is made of EPDM rubber (ethylene propylene diene monomer)
- The base of the flashings is reinforced by a bonded aluminium insert which allows easy shaping to fit the roofing sheet profile.
- Flashings from Multi family can be either slid over or wrapped around existing roof penetrations where there is no room to slide the flashing down from the top.
- Roof flashings are intended for watertight sealing around installation elements / ducts penetrating the roof slope (i.e. ventilation pipes, solar ducts, chimney flues, electric cables and wires or other elements passing through the roof slope).
- Roof flashings can be used on various types of metal roofs including profiled metal tiles, metal flat sheets, metal trapezoidal sheets.

#### Weather Protection

##### Made of EPDM or High Temp Red Silicone,

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

#### Ribbed Canals

The ribbed canals allow for maximum flexibility, without affecting performance.

#### Adaptable Base

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

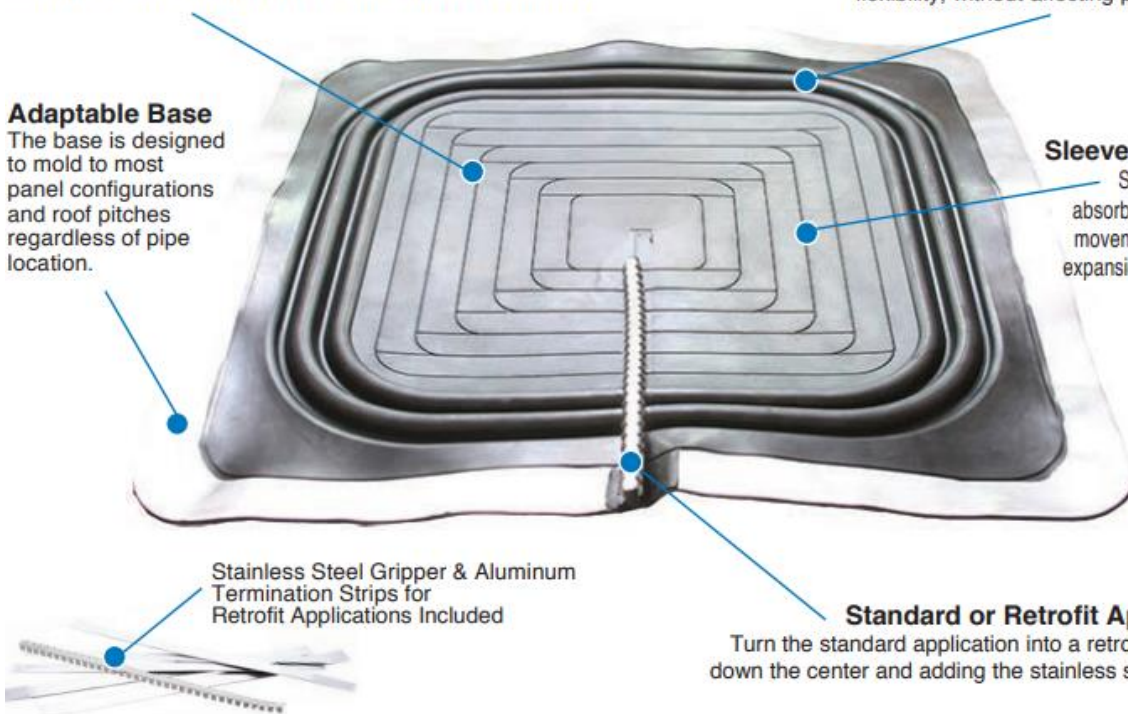
#### Sleeve flexibility

Sleeve flexibility absorbs vibration and movement caused by expansion/contraction.

Stainless Steel Gripper & Aluminum Termination Strips for Retrofit Applications Included

#### Standard or Retrofit Application

Turn the standard application into a retrofit by cutting down the center and adding the stainless steel gripper.



## 1.2 Master Flash® Metal Roof Sealing Adapter – Material Specification and Sizes

Master Flash®	EPDM 500
ADVANCED OZONE RESISTANCE tested to:	70 h @ 500 pphm
HIGH TEMPERATURE RESISTANCE	
tested to: intermittent	+135°C (+275°F)
continuous	+100°C (+212°F)
LOW TEMPERATURE RESISTANCE tested to:	-55°C (-67°F)
TENSILE SET maximum	10 MPa (1450 psi)
COMPRESSION SET maximum	25%





#### Master Flash® Metal Roof Vent Sealer Adapter

No.	Material	Black EPDM Catalogue Number	Opening	Square Base
1	Black, Light Grey or Dark Grey EPDM	RVA101BA	11 - 3/4" - 11 - 3/4" (298 - 298 mm)	24" (609 mm)

#### Master Flash® Metal Roof Vent Sealer Adapter Multi-Flash

No.	Material	Black EPDM Catalogue Number	Opening	Square Base
1	Black, Light Grey or Dark Grey EPDM	RVA101BA-MF	Closed - 12" (0 - 305 mm)	24" (609 mm)

## COMPOUND AND SPECIFICATION DATA FOR MASTER FLASH® BLACK EPDM

TYPICAL PHYSICAL PROPERTIES OF MF EPDM  
 ASTM D2000 M3BA510 A14, B13, C12, F17, Z1, Z2, Z3, Z4, Z5.

PROPERTY		VALUE	TEST METHOD
BASE MATERIAL		CROSS LINKED EPDM ETHYLENE PROPYLENE DIENE TERPOLYMER	N/A
COLOR		BLACK	N/A
TEST LEVEL		3	GRADE
TEST TEMPERATURE		B 100° C	GRADE
VOLUME SWELL		NO REQUIREMENT	CLASS
DUROMETER		50 (SHORE)	ASTM D 2240
TENSILE STRENGTH		10 MPA (1450 psi) MINIMUM	ASTM D 412
A14	HEAT AGING	70 hrs. @ 100° C Change in hardness Max +10 pts Change in tensile Max -25 % Change in ultimate elong. Max -25%	ASTM D 573
B13	COMPRESSION SET	22 hrs. @ 70 ° C MAX 25 %	ASTM D 395 B
C12	OZONE RESISTANCE	70 hrs. @ 50 pphm	ASTM D 1171
F17	LOW TEMPERATURE BRITTLINESS	3 MINUTES @ -40° C PASS	ASTM D 2137A, 9.3.2
Z1	TARGET HARDNESS	55 +/-5 SHORE A	ASTM 2240
Z2	SPECIFIC RUBBER	EPDM	PASS
Z3	HORIZONTAL FLAME RESISTANCE	NOT TO EXCEED 3 IN/ MINUTE	ASTM 2240