

# Solar Multi-Port-MR Master Flash®

## INSTALLATION GUIDE

### Solar Multi-Port MR Size and Trimming

#### SMP-MR Pipe Range

- ① Closed 0"- 1/2" (0-12mm)
- ② 5/8"- 11/16" (15-17mm)
- ③ 1-1/8"- 1-1/4" (28-31mm)
- ④ 1-1/2"- 1-5/8" (38-41mm)
- ⑤ 1-11/16"- 1-15/16" (42-49mm)

#### SMP-MR

- Closed Top
- ① Closed 0"- 1/2" (0-12mm)
- ② 5/8"- 11/16" (15-17mm)
- ③ 1-1/8"- 1-1/4" (28-31mm)
- ④ 1-1/2"- 1-5/8" (38-41mm)
- ⑤ 1-11/16"- 1-15/16" (42-49mm)

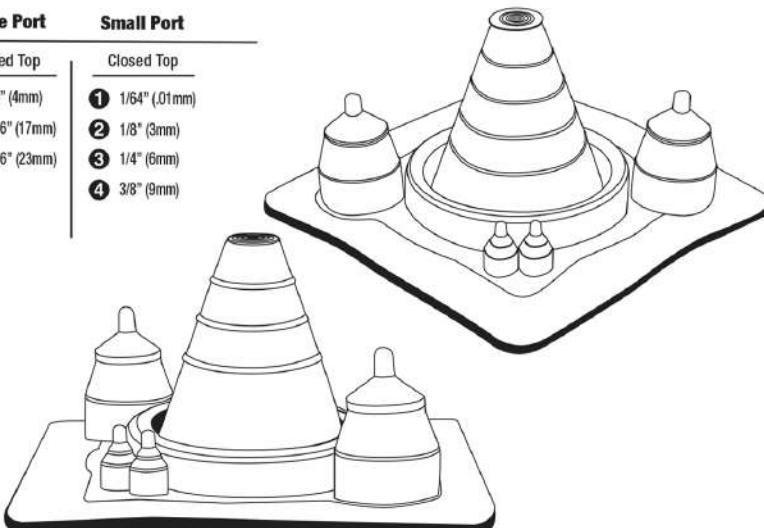
#### Large Port

- Closed Top
- ① 3/16" (4mm)
- ② 11/16" (17mm)
- ③ 15/16" (23mm)

#### Small Port

- Closed Top
- ① 1/64" (.01mm)
- ② 1/8" (3mm)
- ③ 1/4" (6mm)
- ④ 3/8" (9mm)

\* Note This is the  
SMP-MR For Reference



\*\*Base Dimension: Solar Multi-Port MR 4-1/2" (114mm)

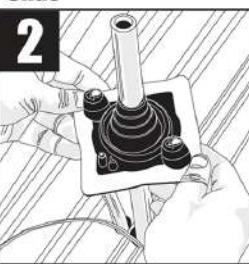
\* Find pipe size in table and trim Solar Multi-Port MR Master Flash® as shown on outline. \* Cut the flashing at least 20% less than the pipe Outer Diameter

**5 Easy Steps Installation Materials:** Solar Multi-Port MR Master Flash® | Fasteners | Washers | Snips/Scissors | Measuring Tape | Marker/Pencil | Sealant

#### Measure & Trim



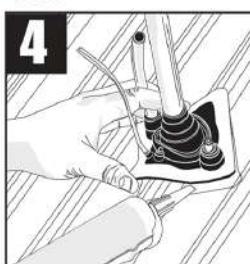
#### Slide



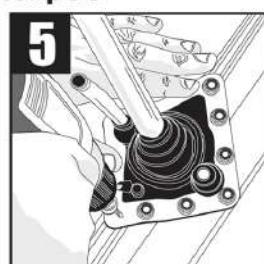
#### Form



#### Seal



#### Complete



Roof Pitch Calculator  
<https://rpc.aztecwasher.com>

Note: Properly installed the base with Master Seal® Bonded Washers and fasteners. Fasteners should be 1" – 1-1/2" apart around the entire base for a tight secure seal.



Installation Video: <http://www.aztecwasher.com/installationvideos>

Solar Multi-port MR Master Flash® is a product of Aztec Washer Company 4/2020

# Solar Multi-Port MR Master Flash®

INSTALLATION GUIDE

## 5 Port Design for the Metal Roofing Industry

Advanced Ozone Resistance tested to...	EPDM 70 hour @ 500 ppm	HIGH TEMP RED/GRAY SILICONE 70 hour @ 500 ppm
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 Maximum...	25%	50%

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

**Designed for solar, electrical, HVAC etc...  
applications on a metal roofs**

**Unique compression seal technology**



### Weather Protection

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

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

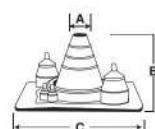
**Sleeve flexibility absorbs vibration and pipe movement caused by expansion/contraction**

### Adaptable Base

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

Two (2) large Ports  
for cables or Wires

Two (2) small Ports  
for cables or Wires



### Solar Multi-Port-MR Flashing Details

A-Top Opening	Closed
B-Overall Height	2-1/2" (63mm)
C-Base	4-1/2" (114mm)

Name	Part #	Compound	Pipe Range	Port	Port	Base
Multi Port-MR	SMP-MR101BA	Black EPDM	Closed- 1-15/16" (0 - 49mm)	1/64"-3/8" (1-9mm)	3/16"-15/16" (4-23mm)	4-1/2" (114mm)
	SMP-MR102GA	Gray EPDM				
	SMP-MR102RA	Red Silicone				
	SMP-MR102GX	Gray Silicone				