

## Standard Master Flash®

Our standard roof flashing flexible design meets virtually all roofing needs. Made of EPDM or Silicone, the flashings are compounded specifically for maximum resistance to weathering due to ozone and ultraviolet light.

Our easy on-site customization allows for easy installation in usually five minutes, and our flexible soft aluminum base is designed to form a seal on most panel configurations and roof pitches regardless of pipe location.



Click to View



### SELECT and TRIM...

Choose appropriate Master Flash with opening at least 20% smaller than pipe diameter. If necessary trim opening to 20% smaller than pipe diameter.



### SLIDE...

Slide Master Flash down over pipe. (A non-petroleum base lubricant will ease installation.)



### FORM...

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.



### SEAL...

Apply sealant between base and roof.



### FASTEN...

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



AS PART OF A STANDARD CLASSIFICATION SYSTEM FOR RUBBER PRODUCTS THESE GENERAL SPECIFICATIONS PRESENT CONSERVATIVE ENGINEERING MINIMUMS WHICH SHOULD BE USED FOR DESIGN CRITERIA.

### GENERAL RECOMMENDATIONS MUST BE TESTED FOR EXTREME APPLICATIONS

| EPDM MASTER FLASH ENGINEERING SPECIFICATIONS     |                                         | SILICONE MASTER FLASH ENGINEERING SPECIFICATIONS |                                         |
|--------------------------------------------------|-----------------------------------------|--------------------------------------------------|-----------------------------------------|
| ASTM D2000 M3 BA 510 A14 B13 C12 F17 Z1 Z2 Z3 Z4 |                                         | ASTM D2000 M4 GE 505 A19 B37 C12 F19 Z1 Z2 Z3 Z4 |                                         |
| <b>GRADE 3</b>                                   |                                         | <b>GRADE 4</b>                                   |                                         |
| TYPE B                                           | GENERAL TEST TEMP 100C                  | TYPE G                                           | GENERAL TEST TEMP 225C                  |
| CLASS A                                          | VOLUME SWELL NO REQ                     | CLASS E                                          | VOLUME SWELL MAX 80%                    |
| 5                                                | 50 DUROMETER (RANGE)                    | 5                                                | 50 DUROMETER (RANGE)                    |
| 10                                               | TENSILE 10 MPa (APPROX 1450 PSI)        | 05                                               | TENSILE 5 MPa (APPROX 700 PSI)          |
| A14                                              | HEAT AGING 70 hrs @ 100C                | A19                                              | HEAT AGING 70 hrs @ 225C                |
|                                                  | CHANGE IN HARDNESS MAX + 10 pts         |                                                  | CHANGE IN HARDNESS MAX + 10 pts         |
|                                                  | CHANGE IN TENSILE MAX -25%              |                                                  | CHANGE IN TENSILE MAX -30%              |
|                                                  | CHANGE IN ULTIMATE ELONGATION MAX -25%  |                                                  | CHANGE IN ULTIMATE ELONGATION MAX -30%  |
| B13                                              | COMPRESSION SET 22 hrs @ 175C           | B37                                              | COMPRESSION SET 22 hrs @ 175C           |
|                                                  | MAX 25% ASTM D395B                      |                                                  | MAX 50% ASTM D395B                      |
| C12                                              | OZONE RESISTANCE                        | C12                                              | OZONE RESISTANCE                        |
|                                                  | 70 hrs @ 50pphm ASTM D1171              |                                                  | 70 hrs @ 50pphm PASS ASTM D1171         |
|                                                  | 100% QUALITY RETENTION                  |                                                  |                                         |
| F17                                              | LOW TEMPERATURE BRITTLINESS             | F19                                              | LOW TEMPERATURE BRITTLINESS             |
|                                                  | 3 min @ -40C PASS ASTM D2137 A, 9, 3, 2 |                                                  | 3 min @ -55C PASS ASTM D2137 A, 9, 3, 2 |
| Z1                                               | 55 DUROMETER (SPECIFIC TARGET)          | Z1                                               | 55 DUROMETER (SPECIFIC TARGET)          |
| Z2                                               | EPDM (SPECIFIC ELASTOMER)               | Z2                                               | SILICONE (SPECIFIC ELASTOMER)           |
| Z3                                               | HORIZONTAL FLAME RESISTANCE             | Z3                                               | HORIZONTAL FLAME RESISTANCE             |
|                                                  | NOT TO EXCEED 3" / min                  |                                                  | NOT TO EXCEED 3" / min                  |
| Z4                                               | OZONE RESISTANCE ADVANCED REQUIREMENT   | Z4                                               | OZONE RESISTANCE ADVANCED REQUIREMENT   |
|                                                  | 70 hrs @ 500 pphm @ 100F                |                                                  | 70 hrs @ 500 pphm @ 100F                |

THE Z PARAMETERS ARE PROPRIETARY STANDARDS ADOPTED BY AZTEC TO MORE CLEARLY INDICATE THE TYPE OF MATERIAL AND ITS SUPERIOR PERFORMANCE CHARACTERISTICS AS RELATED TO THE TYPICAL PIPE FLASHING ENVIRONMENT. NOTE THE ADDITIONAL OF Z3 TO ASSURE COMPLIANCE WITH INTERNATIONAL BUILDING CODES AND Z4 WHICH CLEARLY EXCEEDS THE PERFORMANCE REQUIRED BY THE INDUSTRY STANDARD, C12.

THE MASTER FLASH PIPE FLASHING ENJOYS THE ONLY LISTING GRANTED TO DATE BY THE INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS AND CARRIES THE UPS(UNIFORM PLUMBING CODE)SEAL.

CONTACT US AT ANY TIME FOR ANY ADDITIONAL INFORMATION.

Check diameter of your pipe or duct and select appropriate Standard Master Flash® to accommodate your application as indicated on the chart below. For extreme pitch or surface irregularity, select next larger size.

#### STANDARD MASTER FLASH® FEATURES



#### WEATHER PROTECTION

Made of EPDM 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 soft aluminum 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 virtually all roofing needs. Sleeve flexibility accommodates vibration and pipe movement caused by expansion/contraction. the soft aluminum base easily conforms to roof panels. 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 only 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.

#### TWO COMPOUNDS / 11 SIZES 10 COLORS

Available in two compounds to handle virtually all job applications

ADVANCED OZONE RESISTANCE tested to...

HIGH TEMPERATURE RESISTANCE

tested to

|  |              |
|--|--------------|
|  | intermittent |
|  | continuous   |

LOW TEMPERATURE RESISTANCE tested to...

TENSILE SET maximum...

COMPRESSION SET maximum...

Complete specification data and testing methods are available upon request

#### EPDM

70 hour @ 500 pphm

- +135°C (+275°F)
- +100°C (+212°F)
- +50°C (-65°F)

10MPa (1450psi)

25%

#### SILICONE

70 hour @ 500 pphm

- +260°C (+55°F)
- +225°C (+437°F)
- -74°C (-100°F)

5 Mpa (700 psi)

50%

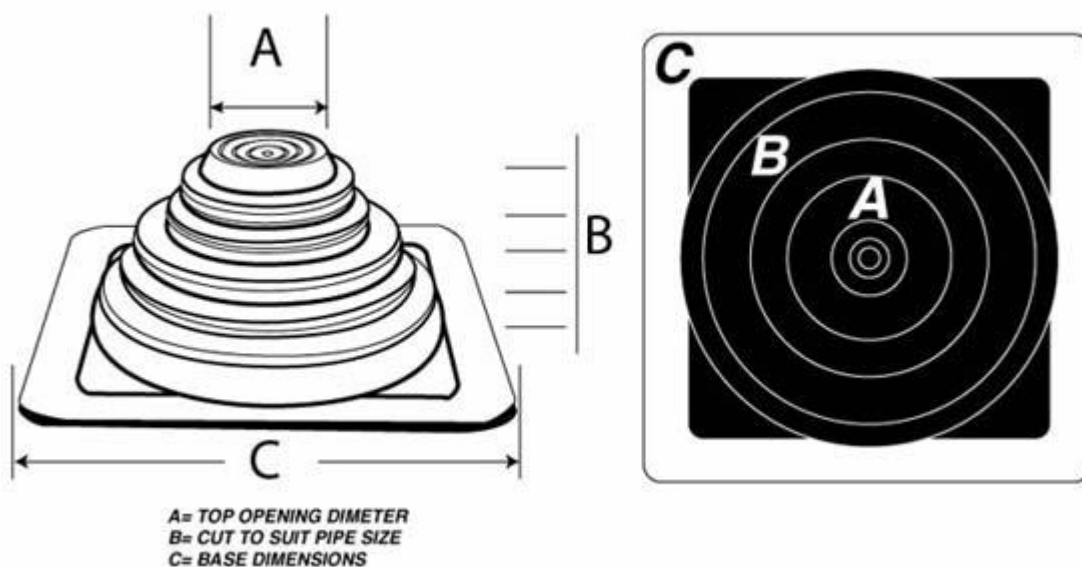
## SIZING CHART

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.

|             | Designate Pipe Size                 | Compound     | Part No. | Flashing Details      |                                |
|-------------|-------------------------------------|--------------|----------|-----------------------|--------------------------------|
| <b>MINI</b> | 1/8" - 3/4"<br>(3.2mm - 19.1mm)     | Black EPDM   | SQ051BA  | Top Opening diameter  | 1/16" (1.6mm)                  |
|             |                                     |              |          | Cut to suit pipe size | 1/8" - 3/4" (3.2 -19.1mm)      |
|             |                                     |              |          | Base Dimensions       | 2-1/4" (57.2mm)                |
| <b>#1</b>   | 1/4" - 2-3/4"<br>(6.4mm - 70mm)     | Black EPDM   | SQ101BA  | Top Opening diameter  | closed                         |
|             |                                     | Grey EPDM    | SQ101GA  | Cut to suit pipe size | 1/4" - 2-3/4" (6.4-70mm)       |
|             |                                     | Red Silicone | SQ102RA  | Base Dimensions       | 4-1/2" (114.3mm)               |
| <b>#2</b>   | 7/8" - 4"<br>(22mm -101.5mm)        | Black EPDM   | SQ201BA  | Top Opening diameter  | 7/8" (22.2mm)                  |
|             |                                     | Grey EPDM    | SQ201GA  | Cut to suit pipe size | 7/8" - 4" (22-101.5mm)         |
|             |                                     | Red Silicone | SQ202RA  | Base Dimensions       | 6" (114.3mm)                   |
| <b>#3</b>   | 1/4" -5-3/4"<br>(6.3mm-146mm)       | Black EPDM   | SQ301BA  | Top Opening diameter  | closed                         |
|             |                                     | Grey EPDM    | SQ301GA  | Cut to suit pipe size | 1/4" - 5-3/4" (6.3-146mm)      |
|             |                                     | Red Silicone | SQ302RA  | Base Dimensions       | 8" (203.2mm)                   |
| <b>#4</b>   | 2-3/4" -7"<br>(22mm-177.8mm)        | Black EPDM   | SQ401BA  | Top Opening diameter  | 2-1/2" (63.5mm)                |
|             |                                     | Grey EPDM    | SQ401GA  | Cut to suit pipe size | 2-3/4" - 7" (22-177.8mm)       |
|             |                                     | Red Silicone | SQ402RA  | Base Dimensions       | 10" (254mm)                    |
| <b>#5</b>   | 4" -8-1/4"<br>(102mm-209.5mm)       | Black EPDM   | SQ501BA  | Top Opening diameter  | 3-1/2" (88.9mm)                |
|             |                                     | Grey EPDM    | SQ501GA  | Cut to suit pipe size | 4" -8-1/4" (102-209.5mm)       |
|             |                                     | Red Silicone | SQ502RA  | Base Dimensions       | 11" (279.4mm)                  |
| <b>#6</b>   | 4-3/4" - 10"<br>(121mm-254mm)       | Black EPDM   | SQ601BA  | Top Opening diameter  | 4" (101.6mm)                   |
|             |                                     | Grey EPDM    | SQ601GA  | Cut to suit pipe size | 4-3/4" -10" (121-254mm)        |
|             |                                     | Red Silicone | SQ602RA  | Base Dimensions       | 12" (304.8mm)                  |
| <b>#7</b>   | 5-1/2" - 11-1/2"<br>(140mm-292mm)   | Black EPDM   | SQ701BA  | Top Opening diameter  | 5" (127mm)                     |
|             |                                     | Grey EPDM    | SQ701GA  | Cut to suit pipe size | 5-1/2" - 11-1/2" (140-292mm)   |
|             |                                     | Red Silicone | SQ702RA  | Base Dimensions       | 14" (355.6mm)                  |
| <b>#8</b>   | 6-3/4" - 13-1/2"<br>(171.4mm-343mm) | Black EPDM   | SQ801BA  | Top Opening diameter  | 6" (152.4mm)                   |
|             |                                     | Grey EPDM    | SQ801GA  | Cut to suit pipe size | 6-3/4" - 13-1/2" (171.4-343mm) |
|             |                                     | Red Silicone | SQ802RA  | Base Dimensions       | 17" (431.8mm)                  |
| <b>#9</b>   | 9-1/2" -20-1/2"                     | Black EPDM   | SQ901BA  | Top Opening diameter  | 8-1/2" (215.9mm)               |

|             |               |              |         |                       |                              |
|-------------|---------------|--------------|---------|-----------------------|------------------------------|
|             | (241mm-520mm) | Grey EPDM    | SQ901GA | Cut to suit pipe size | 9-1/2" - 20-1/2" (241-520mm) |
|             |               | Red Silicone | SQ902RA | Base Dimensions       | 25" (635mm)                  |
| <b>MAXI</b> | 12" - 28-1/2" | Black EPDM   | SQ951BA | Top Opening diameter  | 11" (279.4mm)                |
|             | (305mm-724mm) | Grey EPDM    | SQ951GA | Cut to suit pipe size | 12" - 28-1/2" (305-724mm)    |
|             |               | Red Silicone | SQ952RA | Base Dimensions       | 34" (863.6mm)                |

## Flashing Detail



Llame : 01 800 837 9771  
+52 1 (55) 5684 4762 y 5679 8771

Ofrecemos asesoría técnica.

Master Flash y otros accesorios  
de venta en:



**Visite: [innovacero.com](http://innovacero.com)**