Master Flash®

Sealing pipes, cables, conduit, wire, solar, refrigeration lines, venting, etc.,.

Quality and Service Worldwide
Since 1968

Master Flash®
Roof Pitch Calculator

35 Year Warranty
20 Year Warranty

INTERCORP
Los Angeles 800.762.2004 | New York 888.322.2622 | Chicago 800.533.9669 | Dallas 800.558.7222 | Atlanta 800.822.9690 | Portland 800.434.5606 | Houston 800.558.7222 | Cleveland 800.533.9669 | Miami 800.822.9690

www.strong-point.net
35 Year Master Flash®

The Only ICC Flashing of its kind, Listed with the Florida & California Building Codes®.
The first ICC listed flashing for the Metal Building Industry with a 35 year warranty

One Compound: Black EPDM

35 Year Pipe Range: 1/8”-28-1/2” (0-713mm) • Base Range: 2-1/4” (57mm) to 34” (863mm)

Standard Master Flash®

Two Compounds:
EPDM / High Temp Red Silicone

Mini Pipe Range: 1/8” – 3/4” (3 - 19mm)
Top opening: Closed • Cut to suit pipe size: 1/8” – 3/4” (3-19mm) • Base: 2 - 1/4” (57mm)

#1 Pipe Range: 1/4” – 2-3/4” (6 - 70mm)
Top opening: Closed • Cut to suit pipe size: 1/4” – 2-3/4” (6 - 70mm) • Base: 4-1/2” (114mm)

#2 Pipe Range: 7/8” – 4” (22 - 101mm)
Top opening: 7/8” (22mm) • Cut to suit pipe size: 7/8” – 4” (22 - 101mm) • Base: 6” (152mm)

#3 Pipe Range: 1/4” – 5-3/4” (6 - 146mm)
Top opening: Closed • Cut to suit pipe size: 1/4” – 5-3/4” (6 - 146mm) • Base: 8” (203mm)

#4 Pipe Range: 2-3/4” – 7” (70 - 177mm)
Top opening: 2-1/4” (57mm) • Cut to suit pipe size: 2-3/4” – 7” (70 - 177mm) • Base: 10” (254mm)

#5 Pipe Range: 4” – 8-1/4” (101 - 209mm)
Top opening: 3-1/2 (89mm) • Cut to suit pipe size: 4” – 8-1/4” (101 - 209mm) • Base: 11” (279mm)

#6 Pipe Range: 4-3/4” – 10” (121 - 254mm)
Top opening: 3-3/4” (95mm) • Cut to suit pipe size: 4-3/4” – 10” (121 - 254mm) • Base: 12” (304mm)

#7 Pipe Range: 5-1/2” – 11-1/2” (140 - 292mm)
Top opening: 4-3/4” (120mm) • Cut to suit pipe size: 5-1/2” – 11-1/2” (140 - 292mm) • Base: 14” (355mm)

#8 Pipe Range: 6-3/4” – 13-1/2” (171 - 343mm)
Top opening: 5-1/2” (140mm) • Cut to suit pipe size: 6-3/4” – 13-1/2” (171 - 343mm) • Base: 17” (413mm)

#8X Fix-A-Flash Pipe Range: Closed Top 0” – 15” (0-381mm)
Top opening: Closed • Cut to suit pipe size: Closed 0” – 15” (0-381mm) • Base: 19-1/2” (495mm)

#9 Pipe Range: 9-1/2” – 20-1/2” (241 - 520mm)
Top opening: 8” (203mm) • Cut to suit pipe size: 9-1/2” – 20-1/2” (241 - 520mm) • Base: 25” (635mm)

#9X Pipe Range: 8” – 20-1/2” (203 – 520mm)
Top opening: 6” (152mm) • Cut to suit pipe size: 8” – 20-1/2” (203 – 520mm) • Base: 25” (635mm)

Maxi Closed Pipe Range: 0” – 28-1/2” (0 - 724mm)
Top opening: Closed • Cut to suit pipe size: 0” – 28-1/2” (0 - 724mm) • Base: 34” (863mm)

Maxi Open Pipe Range: 12” – 28-1/2” (304 - 724mm)
Top opening: 10-1/4” (260mm) • Cut to suit pipe size: 12” – 28-1/2” (304 - 724mm) • Base: 34” (863mm)

NOTE: Colors are only available for the Standard & Universal Master Flash®
Universal Master Flash®  All Around Performance

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.

Mini Pipe Range: 0"- 3/4" (0 - 19mm)
Top opening: Closed • Overall height: 1-1/2" (38mm) • Base: 4" (101mm)

#1 Pipe Range: 1/4"- 2-1/2" (6 - 63mm)
Top opening: Closed • Overall height: 3-1/4" (82mm) • Base: 3-1/4" (82mm)

#2 Pipe Range: 1-3/4"- 3" (44 - 76mm)
Top opening: 1-1/4" (31mm) • Overall height: 4" (101mm) • Base: 6-1/4" (158mm)

#3 Pipe Range: 1/4" - 5" (6 - 127mm)
Top opening: Closed • Overall height: 4" (101mm) • Base: 7-3/4" (196mm)

#4 Pipe Range: 3" - 6-1/4" (76 - 158mm)
Top opening: 2-1/4" (57mm) • Overall height: 4-3/4" (120mm) • Base: 9-1/4" (234mm)

#5 Pipe Range: 4-1/4" - 7-3/4" (107 - 196mm)
Top opening: 3-1/2" (88mm) • Overall height: 4-1/4" (107mm) • Base: 10-1/2" (266mm)

#6 Pipe Range: 5" - 9" (127 - 228mm)
Top opening: 5" (127mm) • Overall height: 6" (152mm) • Base: 13" (330mm)

#7 Pipe Range: 6" - 11" (152 - 279mm)
Top opening: 5-1/2" (139mm) • Overall height: 5-1/2" (139mm) • Base: 14-1/2" (368mm)

#8 Pipe Range: 7" - 13" (177 - 330mm)
Top opening: 6" (152mm) • Overall height: 6" (152mm) • Base: 16-1/2" (412mm)

#9 Pipe Range: 9" - 19" (228 - 482mm)
Top opening: 7-3/4" (196mm) • Overall height: 9" (228mm) • Base: 25 -1/4" (641mm)

12 Colors • Two Compounds:
EPDM / High Temp Red & Grey Silicone
# Multi-Flash Master Flash®

**“Two Flashings in one”**

## Mini Port Pipe Range:
- **Standard Range:** 1/4"-2-3/4" (6 - 70mm) Retrofit 1-1/4"-2-1/4" (25 - 57mm)
- **Top opening:** Closed • **Overall height:** 2-1/4" (57mm) • **Base:** 4-1/2" (114mm)

## #2 Pipe Range:
- **Standard Range:** 7/8"- 4" (22 - 101mm) Retrofit 1/2"- 3-1/2" (12 - 89mm)
- **Top opening:** 7/8" (22mm) • **Overall height:** 2-3/4" (70mm) • **Base:** 6" (152mm)

## #3 Pipe Range:
- **Standard Range:** 1/4" - 5-3/4" (6 - 146mm) Retrofit 2" - 4-1/2" (50 - 114mm)
- **Top opening:** Closed • **Overall height:** 3" (76mm) • **Base:** 8" (203mm)

## #4 Pipe Range:
- **Standard Range:** 2-3/4" - 7" (70 - 177mm) Retrofit 2-1/4" - 6-1/2" (57 - 165mm)
- **Top opening:** 2-3/4" (70mm) • **Overall height:** 4-3/4" (120mm) • **Base:** 10" (254mm)

## #5 Pipe Range:
- **Standard Range:** 4" - 8-1/4" (101 - 209mm) Retrofit 3-1/2" - 6-3/4" (90 - 171mm)
- **Top opening:** 4" (101mm) • **Overall height:** 4-1/2" (114mm) • **Base:** 11" (279mm)

## #6 Pipe Range:
- **Standard Range:** 4-3/4" - 10" (121 - 254mm) Retrofit 4-1/4" - 9-1/2" (108 - 241mm)
- **Top opening:** 4-3/4" (121mm) • **Overall height:** 4-1/2" (114mm) • **Base:** 12" (304mm)

## #7 Pipe Range:
- **Standard Range:** 5-1/2" - 11-1/2" (140 - 292mm) Retrofit 5" - 11" (127 - 279mm)
- **Top opening:** 5-1/2" (140mm) • **Overall height:** 5-1/2" (140mm) • **Base:** 14" (355mm)

## #8 Pipe Range:
- **Standard Range:** 6-3/4" - 13-1/2" (171 - 343mm) Retrofit 6-1/2" - 12" (165 - 304mm)
- **Top opening:** 6-3/4" (171mm) • **Overall height:** 5-3/4" (146mm) • **Base:** 17" (431mm)

## #9 Pipe Range:
- **Standard Range:** 9-1/2" - 20-1/2" (241 - 520mm) Retrofit 9" - 20" (228 - 508mm)
- **Top opening:** 9-1/2" (241mm) • **Overall height:** 5-3/4" (146mm) • **Base:** 25" (635mm)

## Maxi Pipe Range:
- **Standard Range:** 12" - 28-1/2" (305 - 724mm) Retrofit 13" - 27" (330 - 685mm)
- **Top opening:** 12" (304mm) • **Overall height:** 7-1/2" (190mm) • **Base:** 34" (863mm)

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## Universal Retrofit Master Flash®

**Two Compounds:**
- EPDM / High Temp Red & Grey Silicone

### #1 Pipe Range:
- **Standard Range:** 3/4" - 2-3/4" (19 - 70mm)
- **Top opening:** 3/4" (19mm) • **Cut to suit pipe size:** 3/4" - 2-3/4" (19 - 69mm) • **Base:** 6 - 1/4" (158mm)

### #2 Pipe Range:
- **Standard Range:** 2", 7-1/4" (50 - 184mm)
- **Top opening:** 2" (50mm) • **Cut to suit pipe size:** 2" - 7-1/4" (50 - 184mm) • **Base:** 10-3/4" (273mm)

### #3 Pipe Range:
- **Standard Range:** 3-1/4" - 10" (95 - 254mm)
- **Top opening:** 3-1/4 (50mm) • **Cut to suit pipe size:** 3-1/4" - 10" (95 - 254mm) • **Base:** 14-1/2" (368mm)

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## Retrofit Master Flash®

**Two Compounds:**
- EPDM / High Temp Red Silicone
- Silicone Application: aluminum zip tie and fastener snaps included.

### #1 Pipe Range:
- **Standard Range:** 1/2" - 4" (12 - 101mm)
- **Top opening:** 1/2" (12mm) • **Cut to suit pipe size:** 1/2" - 4" (12 - 101mm) • **Base:** 8-3/16" (205mm)

### #2 Pipe Range:
- **Standard Range:** 4" - 9-1/4" (101 - 235mm)
- **Top opening:** 4" (101mm) • **Cut to suit pipe size:** 4" - 9-1/4" (101 - 235mm) • **Base:** 14-1/4" (362mm)

### #3 Pipe Range:
- **Standard Range:** 9-1/4" - 16-1/4" (235 - 412mm)
- **Top opening:** 9-1/4" (235mm) • **Cut to suit pipe size:** 9-1/4" - 16-1/4" (235 - 412mm) • **Base:** 21-1/2" (546mm)
Fix-A-Flash Master Flash® Oversized hole in your roofing? Aztec has the answer...
The base is designed for a oversized hole cut for your pipe flashing.

**Fix-A-Flash Closed Top**
Pipe Range: 0°-15° (0 - 381mm)
Top opening: Closed • Overall height: 0° - 15° (0 - 381mm) • Large Base: 19-1/2" (495mm)

**Extreme Angle Master Flash®**
The built in 40° degree pitch allows to handle any extreme roof pitch (35° - 65°)

**Multi-Flash Square Vent Master Flash®**
Two Applications • One Design

**End Cap Master Flash®**
Standing Seam Roof End Cap Flashing

Flexible width allows for most panel configurations
Expansion feature accommodates all seam heights
allows side wall of end cap to form on roof panels
Base allows application at both terminating points
of the sheeting or roofing material.

**Mini**
Overall Height: 3/4" (19mm)
Inner Depth: 2" (50mm) • Base: 2-3/4" (70mm) Wide X 3" (76mm) Long

**#1**
Overall Height: 3'(76mm)
Inner Wall Width: 3' (76mm) • Inner Depth: 2'(50mm) • Base: 4-1/4" (107mm)

**#2**
Overall Height: 3-1/4" (83mm)
Inner Wall Width: 5-1/4" (133mm) • Inner Depth: 4-1/4" (107mm) • Base: 7-1/4" (184mm)

Applications:
Skylights • Metal Curbs
Ridge Applications
Job site Retrofit
**Residential Master Flash®**

*Available in Aluminum or Lead Base.*

Two Compounds EPDM / Red / Grey Silicone

The built in 20° pitch allows adaptability to almost any roof pitch including 45° Self extinguishing feature enables use with type “B” vents

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**Mini Pipe Range:**
- **1/4” - 3”** (6 - 76mm)
- **Top opening diameter:** Closed
- **Pull to suit pipe size:** 1/4” - 3” (6-76mm)
- **Base:** 16”X19-1/4” (410X490mm)

**#1 Pipe Range:**
- **3” - 8”** (76 - 203mm)
- **Top opening diameter:** 2-1/2” (63mm)
- **Pull to suit pipe size:** 3” - 8” (76- 203mm)
- **Base:** 20”X24” (410X490mm)

**#2 Pipe Range:**
- **8” - 11”** (203 - 279mm)
- **Top opening diameter:** 5-5/8” (142mm)
- **Pull to suit pipe size:** 8” - 11” (203- 279mm)
- **Base:** 26”X30” (660X762mm)

**#3 Pipe Range:**
- **11” - 18”** (279 - 457mm)
- **Top opening diameter:** Closed
- **Pull to suit pipe size:** 11” - 18” (279 - 457mm)
- **Base:** 35”X35” (889X889mm)

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**Electrical Mast Connection Master Flash®**

Two Compounds: EPDM / High Temp Red & Grey Silicone

The built in 20° pitch allows adaptability to almost any roof pitch including 45° Stainless steel grippers included

**EMC Pipe Range:**
- **0” - 3/8”** (0-136mm)
- **Top opening:** Closed
- **Base:** 15” (381mm)

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**Box Gutter Expansion Joint Master Flash®**

Applications:
- Transition Walls
- Parapet Walls
- Stepped Roofs
- Corrugated Metal Roofs
- Roof Penetrations
- Expansion Joint
- Skylights

**One Compound / EPDM / Width:**
- **9”, 12”, & 18”** Thick: (.059)

**Available Lengths:** 12’, 33’ & 50’

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**SLF Stretchable Linear Flash Master Flash®**

Applications:
- Transition Walls
- Parapet Walls
- Stepped Roofs
- Corrugated Metal Roofs
- Roof Penetrations
- Square Vents
- Large Pipes
- Skylights

**One Compound / EPDM / Width:**
- **11”** (280mm)

**Thick (1.7mm)**

**Available Lengths:** 12’ & 33’
Tensile strength - The maximum stress "in pounds" that a material can withstand while being stretched or pulled before snapping, tearing or breaking. After 70 hours at 212° degree F, Master Flash® is almost two times stronger than other brands.

Hardness - Harder rubber will tend to breakdown and become brittle faster, meaning it will crack due to UV and sun damage or at the end of the day, leak. Master Flash® hardness increased 4 points after the test while other brands increased 7 points.

Elongation - Measures how much rubber stretches before it snaps or breaks. For example: 1" square size of Master Flash® would stretch 600% while other brands stretch significantly less. This is very important and makes installation easier and faster when the flashing is cut 20-30% smaller than the pipe. This is equally important over the life of the product as pipes expand and contract with the elements and the flashing needs to accommodate these changes.

Tear - Measures the pressure a tear in the material can handle before it continues to run down the side of the product. After the standard 70 hour test, Master Flash® tear resistance in the Grey actually improved, unlike other brands that lost 50%