



ArcFlash™

Self-Adhering Window/Door Waterproof Flashing

Product Information Sheet

Poly Wall® Building Solutions is an innovator of high-quality, cost-effective, engineered building materials. We stand behind our brand promise — **Moisture and Air Stop Here®**. Visit our website at www.poly-wall.com for the full array of products.

DESCRIPTION

Poly Wall® ArcFlash™ is a 70 mil, self-adhering, self-sealing, waterproof rubberized asphalt tape, laminated to a crimped and stretchable, high-strength polyethylene film backing designed specifically for arched fenestration flashing applications.

USES

ArcFlash™ is used to flash round-top or custom shaped designs.

ADVANTAGES

- Flexible: Material can stretch to conform to curved, round or fan-shaped areas.
- Our rubberized-asphalt allows you to create a custom waterproof flashing design on virtually any fenestration design.
- Simplifies Arched Window Detailing.
- Self-adhering, self-sealing ArcFlash™ tape seals around nails, staples and fasteners ensuring years of trouble-free and maintenance-free performance.
- Superior elasticity resists cracking or tearing over time when structural movement occurs.

INSTALLATION

The **sequence** of installation is:

1. Flash sill & jamb with WindowSeal®, Butyl Flash or Aluma Flash™.
2. Install ArcFlash™ along the radius of the fenestration completely covering the vertical jamb flashings.

STORAGE

- Clean and dry inside storage is recommended.
- When installing in cool weather, store material inside at room temperature for 24 hours prior to installation. Keeping the roll warm will improve the adhesiveness and the workability of the material when you install it.

WARNINGS

- Make sure caulks or sealants which might come into contact with the adhesive portion of a rubberized-asphalt flashing product do not contain plasticizers or solvents. This includes most polyurethane and silicone caulks.
- Do not follow the practice of using a “knockdown bead” or “buttering the flashing” with sealants. Always tool off excess sealant from window flanges or flashing.

LIMITATIONS

- ArcFlash should not be applied to flexible PVC film or surfaces.
- This material is NOT compatible with EPDM materials and is not compatible with sealants and caulks containing plasticizers or solvents.
- Test for adhesion at the start of the job to see if there is sufficient adhesion. Use of a heat gun or liquid adhesive can also improve adhesion at lower temperatures. This material may also be mechanically fastened using nails, screws, or staples if conditions make adhesion difficult.
- Poly Wall’s ArcFlash™ may be left exposed to UV sunlight for up to 120 days. In cold weather, keep ArcFlash™ in a warm space before use. If necessary, cut what you need per window one at a time and keep the rest in the warm space. It will be easier to work with.
- ArcFlash™ is designed to be used in ambient temperatures and surface temperatures between 40° F (5° C) and 120° F (49° C).

LIMITED WARRANTY: Poly Wall Building Solutions will replace F.O.B. Ennis, TX, any material with manufacturing defects which cause leaks for a period of 1 year from date of purchase. Poly Wall Building Solutions will not be liable for any other claims or damages, whether direct or indirect, including consequential damages or incidental damages.



PROPERTY	ArcFlash™
Thickness (mils) (+-.05)	70
Water Vapor Transmission ASTM E 96 (Method B)	Permeance (US perms) < 0.02
Peel Adhesion ASTM D 1000 (To Primed Steel)	> 10.0 lbs./ in.width
Elongation-Ultimate Failure or Rubberized Asphalt ASTM D 412 (Modified Die C)	> 500%
Softening Point ASTM D 36	200 - 230°F
Low Temperature Pliability ASTM D 146 (Modified)	No cracking at -25°F

ArcFlash™ (70 mil)

ROLL SIZES	ROLLS/BX	LIN FT PER BOX	LBS/ BOX	BOXES/ PALLET
6" X 75'	6	450	50	36
9" X 75'	4	300	50	36
12" X 75'	3	225	50	36

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OF FLASHING
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