

ARC FLASH™

Self-Sealing Adhesive Tape

PRODUCT NAME

Arc Flash™

MANUFACTURER

Polyguard Products, Inc.
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PRODUCT DESCRIPTION

Arc Flash™ is a 70 mil self-adhering, self-sealing tape made with rubberized asphalt waterproofing coating, laminated to a crimped and stretchable high strength film backing.

BASIC USES

Arc Flash products are flexible and can be used to strip in or flash straight round-top or custom shaped areas.

ADVANTAGES

- Self seals around nails, staples, and fasteners
- Waterproofs surfaces underneath
- Adheres to most clean and dry surfaces instantly
- If the building moves slightly, this elastomeric material will stretch and not tear
- Easy and mess free
- The Arc Flash tape can be installed on most curved or fan-shaped areas

TECHNICAL DATA

See physical properties table.

INSTALLATION

The sequence of installation is:

1. Install horizontal flashing strip on sill
2. Set window frame
3. Adhere vertical flashing strips to jamb flanges and sheathing.
4. Adhere horizontal flashing strip to straight head flange and sheathing. If top is rounded, use Arc Flash.
5. Roll all tape surfaces with a hand roller.

ABOVE SEQUENCE IS IMPORTANT BECAUSE ALL EDGES MUST BE SHINGLE LAPPED TO PREVENT ENTRY OF WATER.

Installation Procedure

Make sure the surface is clean, dust free, smooth, and dry.
(Note: Do not apply over silicone caulk or other solvent based products).

Test adhesion of tape to sheathing. Some sheathing boards contain components which reduce tape adhesion. If adhesion is inadequate, prime with Polybond Liquid Adhesive. If Polyguard adhesive is not available, 3M Company #77 Spray Adhesive may be used.

Product Data Sheet

Cut the length you want to use from the roll with utility knife or scissors.

Remove 12" or more of the release film and center the tape over the area to be sealed.

Firmly press or roll the tape to the area being sealed. As you go along, pull more of the release film from the tape, exposing the adhesive surface, pressing down the tape and keeping the tape smooth. When through with the strip, roll it into place.

LIMITATIONS

Do not apply this material to flexible vinyl surfaces. Plasticizers used in flexible vinyls are often incompatible with rubberized asphalt adhesives. Rigid PVC, such as fins used in vinyl windows, is compatible.

Some sheathing boards contain components which reduce adhesion of tapes. In these cases, apply Polybond Liquid Adhesive or 3M #77 Spray Adhesive first to guarantee adhesion.

At cold temperatures, 45°F (7°C) or lower, this material will lose a portion of its adhesiveness. Test for adhesion at the start of the job to see if there is sufficient adhesion. If not, follow instructions under storage, and wait until warmer temperatures. Use of a heat gun or liquid adhesive, can also improve adhesion at lower temperatures.

This material is **NOT** compatible with solvent based or silicone caulks, or EPDM materials.

This material may also be mechanically fastened using nails, screws, or staples if conditions make adhesion difficult.

Do not expose material to sunlight for over 120 days.

Do not use on roof surfaces, or anywhere that this material might be walked on. The material has a slippery surface.

Shelf life of Arc Flash™ is one year from date of manufacture.

STORAGE

Clean and dry inside storage is preferable. If you will be installing the material in cooler weather, store the material inside at room temperature for 24 hours prior to installation. Keeping the roll warm will improve the adhesiveness of the material when you install it.

SAFETY

SDS documents for all Polyguard products can be obtained at our website www.polyguard.com. Call Polyguard Products, Inc. at (214) 515-5000 with questions.

WARRANTY

We, the manufacturer, warrant only that this product is free of defects, since many factors which affect the results obtained from this product are beyond our control; such as weather, workmanship, equipment utilized and prior condition of the substrate. We will replace at no charge product proved to be defective within twelve (12) months of purchase, provided it has been applied in accordance with our written directions for uses we recommended as suitable for this product. Proof of purchase must be provided. A five (5) year material or system warranty may be available upon request. Contact Polyguard Products, Inc. for further details.

TECHNICAL SERVICES

Technical assistance, information and Polyguard's products are available through a nationwide network of distributors and architectural representatives, or contact Polyguard Products, Inc.
 P.O. Box 755, Ennis, TX 75120-0755
 Sales: (615) 217-6061 • Tech Support: (214) 515-5000 • Fax: (615) 691-5500
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PROPERTY	TEST METHOD	TYPICAL VALUE
THICKNESS (+/- .05)		70 Mils
WATER VAPOR TRANSMISSION	ASTM E 96 Method B	Permeance (U.S. Perms) <.02
PEEL ADHESION (To Primed Steel)	ASTM D 1000	>10.0 lbs./in. width
ELONGATION-ULTIMATE FAILURE OF RUBBERIZED ASPHALT	ASTM D 412 Modified Die C	>500%
SOFTENING POINT	ASTM D 36	215-245°F
LOW TEMPERATURE PLIABILITY	ASTM D 146 Modified	No cracking at -25°F.

PACKAGING	PART NUMBER	UNIT SIZE
ARC FLASH™ 6"	ARCFLASH6	6 - 6" x 75' rolls
ARC FLASH™ 9"	ARCFLASH9	4 - 9" x 75' rolls
ARC FLASH™ 12"	ARCFLASH12	3 - 12" x 75' rolls
FLASHING Accessories		
PF END DAM	CORNERIN3X3X3	3" x 3" x 3"
PF INSIDE CORNER/PF END DAM	CORNERIN8X8X8	8" x 8" x 8"
PF OUTSIDE CORNER	CORNEROUT7X7X8	7" x 7" x 8"