



Dow Building Solutions

WEATHERMATE™ Flexible Flashing

Product Information

1. PRODUCT NAME

WEATHERMATE™ Flexible Flashing

2. MANUFACTURER

The Dow Chemical Company
Dow Building Solutions
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Midland, MI 48674
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Dow Building Solutions
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Calgary, Alberta T2P 1M4

www.dowbuildingsolutions.com

3. PRODUCT DESCRIPTION

Basic Use

WEATHERMATE™ Flexible Flashing is a self-adhering fully adhered flashing that conforms to curved surfaces to provide a tear resistant seal that resists water intrusion around windows and doors. It is part of the complete WEATHERMATE™ Weather Barrier Solutions lineup from Dow – products designed to enhance the performance of the building envelope.

WEATHERMATE™ Flexible Flashing combines a white creped high-density polyethylene (HDPE) film facer with a butyl rubber adhesive that forms a strong mechanical and chemical bond to most building materials. A polymeric-coated kraft paper release liner provides a more consistent peel than plain paper liners.

WEATHERMATE™ Flexible Flashing contains no asphalt. The butyl rubber adhesive technology, a key component of this flashing, is considered superior to asphalt adhesives in compatibility with commonly used building envelope caulking materials, insulated and noninsulated sheathings, housewraps and window casing materials.

Sizes

WEATHERMATE™ Flexible Flashing is available in 100' (30.5 m) rolls in widths of 4", 6", 9" and 18".

Limitations

Minimum application temperature: 40°F (4.4°C). WEATHERMATE™ Flexible Flashing may be left exposed to sunlight up to 120 days.

4. TECHNICAL DATA

Applicable Standards

WEATHERMATE™ Flexible Flashing meets the requirements of AAMA 711 Voluntary Specification for Self-Adhering Flashing Used for Installation of Exterior Wall Fenestration Products. Application standards include:

- ASTM D5034 Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)
- ASTM D3330 Standard Test Method for Peel Adhesion of Pressure-Sensitive Tape
- ASTM D1970 Standard Specification for Self-adhering Polymer Modified Bituminous Sheet Materials used as Steep Roofing Underlayment for Ice Dam Protection
- ASTM G154 Standard Practice for Operating Fluorescent Ultraviolet (UV) Lamp Apparatus for Exposure of Nonmetallic Materials

Physical Properties

WEATHERMATE™ Flexible Flashing exhibits the typical properties and characteristics indicated in Table 1 when tested as represented.

5. INSTALLATION

Preparation

For best adhesion performance, apply WEATHERMATE™ Flexible Flashing at air and surface temperatures of 40°F (4.4°C) or above. A spray adhesive such as 3M High Strength 90 is recommended if applying WEATHERMATE™ Flexible Flashing directly to OSB or other surfaces where additional adhesion may be required.

Prepare substrate surface as necessary to ensure it is clean, dry and free of frost, dirt, dust, grease/oil, debris and other contaminants that may interfere with adhesion. Remove any loose or spalled areas along with nails, sharp protrusions or any other conditions that may affect a smooth flat adhesive bond to the substrate.

Application

Cut flashing strips into easily handled lengths. Peel white plastic release film from the adhesive, position against substrate and without wrinkling or stretching, press firmly into place with a hand roller or smoothing tool. It is important to apply pressure to ensure strong long term bond to the substrate. Do not stretch flashing or force changes in the directional line of application as this can cause wrinkling and channels that prevent a smooth tight seal to the substrate. Once an adhesive bond has been established, it may be difficult to reposition the flashing without affecting sealing and adhesion capability.

6. AVAILABILITY

WEATHERMATE™ Flexible Flashing is distributed through an extensive network. For more information, call:
1-800-232-2436 (English)
1-800-565-1255

7. WARRANTY

Not applicable.

8. MAINTENANCE

Not applicable.

9. TECHNICAL SERVICES

Dow can provide technical information to help address questions when using WEATHERMATE™ Flexible Flashing. For technical assistance, call:
1-866-583-BLUE (2583) (English)
1-800-363-6210 (French)

10. FILING SYSTEMS

www.dowbuildingsolutions.com
Visit www.dowbuildingsolutions.com or contact a local Dow representative for more specific instructions.

Table 1: Typical Physical Properties¹ of WEATHERMATE™ Flexible Flashing

Property and Test Method	Value
Water Vapor Transmission, ASTM E96, perm	<1
Application Temperature, °F (°C) min.	40°F (4.4°C)
UV Resistance, days	120

¹Not to be considered sales specifications



WEATHERMATE™ Flexible Flashing Tape

Installed by:

**FACTORY
DIRECT
DEALER**

**New
HORIZONS**
Home Exteriors & Window Company

(412) 885-1900

Visit Our Showroom (by Appt.): 3606 Library Road (Rt. 88) Pgh., PA 15234



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Dow Building Solutions
200 Larkin • Midland, MI 48674

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Dow Polyurethane Foam Insulation and Sealants

CAUTION: When cured, these products are combustible and will burn if exposed to open flame or sparks from high-energy sources. Do not expose to temperatures above 240°F (116°C). For more information, consult (Material) Safety Data Sheet ((M)SDS) call Dow at 1186615831BLUE (2583) or contact your local building inspector. In an emergency, call 11989163614400 in the U.S. or 11519133913711 in Canada. When air sealing buildings, ensure that combustion appliances, such as furnaces, water heaters, wood burning stoves, gas stoves and gas dryers are properly vented to the outside.

STYROFOAM™ Brand Spray Polyurethane Foam contains isocyanate, hydrofluorocarbon blowing agent and polyol. Read all the instructions and (M)SDS carefully before use. Wear protective clothing (including long sleeves), gloves, goggles and proper respiratory protection. Supplied air or an approved air-purifying respirator equipped with an organic vapor sorbent and a P100 particulate filter is required to maintain exposure levels below ACGIH, OSHA, VEEL or other applicable limits. Provide adequate ventilation. Contents under pressure. STYROFOAM™ Brand SPF should be installed by a trained SPF applicator.

Building and/or construction practices unrelated to building materials could greatly affect moisture and the potential for mold formation. No material supplier including Dow can give assurance that mold will not develop in any specific system.