



All Weather Flashing Tape

8067

Technical Data

February, 2011

Product Description

3M™ All Weather Flashing Tape 8067 is a self-adhered, waterproof flashing membrane designed for sealing around openings and penetrations in exterior walls. This product has a unique acrylic pressure sensitive adhesive that aggressively sticks and stays stuck both at lower and higher application temperatures than traditional flashing tapes. It even adheres to damp surfaces. The proprietary backing seals around hand driven nails and staples to prevent moisture intrusion. This backing is also tough, resists punctures and tears, yet it is thin to fit conveniently into corners and under siding. The split paper release liner provides fast application with easy and accurate positioning of the tape.

Product Construction

Backing	Adhesive	Liner	Color	Standard Roll Length
Proprietary film	Acrylic	Heavy paper, split	Tan	75 feet (22.8m)

Typical Physical Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

		Test Method
Adhesion to Polyethylene:	60 oz./in. width (66 N/100 mm)	ASTM D-3330 per AAMA 711-05
Adhesion to OSB:	60 oz./in. width (66 N/100 mm)	ASTM D-3330 per AAMA 711-05
Adhesion to Housewrap*:	50 oz./in. width (55 N/100 mm)	ASTM D-3330 per AAMA 711-05
Adhesion to Anodized Aluminum:		ASTM D-3330 after
After 7 days at 176°F:	70 oz./in. width (77 N/100 mm)	Conditioning per AAMA 711-05
After 7 days in water:	65 oz./in. width (71 N/100 mm)	Conditioning per AAMA 711-05
After Thermal Cycling:	75 oz./in. width (82 N/100 mm)	Conditioning per AAMA 711-05
After UV Exposure:	60 oz./in. width (66 N/100 mm)	Conditioning per AAMA 711-05
Nail Sealability:		ASTM E331/547 as modified per AAMA 711-05 Annex 1
Initial:	Pass	
After Thermal Cycling:	Pass	
Water Vapor Transmission:	0.19 perms	ASTM E96/E96M (water method)
Surface Burning Characteristics:		ASTM E84-08A
Flame Spread Index:	5	
Smoked Developed Value:	25	
Tape Thickness:	9.9 mils (0.25 mm)	ASTM D-3652
Service Temp. Range:	-40 to 176°F (-40 to 80°C)	Tested per AAMA 711-05
Application Temp. Range:	0 to 120°F (-18 to 49°C)	

*Spun bonded polyethylene.

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Features

- Very low vapor transmission rate.
- Approved by the International Code Council (ICC) for Division:07 - Thermal and Moisture Protection, Section: 07650 - Flexible Flashing. See ICC-ES Evaluation Report ESR-2797.
- Meets AAMA 711-05 Voluntary Specification for Self Adhering Flashing Use for Installation of Exterior Wall Fenestration Products:

Adhesion Type Rating	Type A (no need for primer at tested conditions)
Thermal Exposure	Class 3 - Highest level (176°F/80°C at 7 days)
- Nail Sealability: Passes ASTM E331/547 (per AAMA 711-05, Annex 1) both before and after thermal cycling.
- Meets the criteria to contribute to the Environmental Quality (“EQ”) Credit 4.1: Low-Emitting Materials: Adhesives & Sealants under the United States Green Building Council’s Rating System for New Construction & Major Renovations (LEED-NC), Version 2.2, Core and Shell (LEED-CS), Version 2.0, and Commercial Interiors (LEED-CI), Version 2.0.
- High tack adhesive sticks and stays stuck to most common building materials.
- Unique adhesive even adheres to damp surfaces.
- Adhesive provides an unusual combination of both cold temperature and hot temperature adhesion to most substrates, which can extend the construction season in many climates.
- No adhesive melting or staining in summer heat.
- Proprietary backing seals around nails and staples to prevent moisture intrusion.
- Unique backing is thin to conveniently fit into corners and under siding.
- Tough backing resists punctures and tears during application.
- Resists UV exposure for up to 6 months.
- Can be installed at temperatures as low as 0°F (-18°C) and as warm as 120°F (49°C).
- Compatible with many building sealants: No adverse reaction with synthetic rubber, butyl, polyurethane, silicone and silane terminated hybrid sealants.
- Split release liner provides fast application with easy and accurate positioning of the tape.
- 12 inch measurement markings for ease in cutting to the desired length.
- Available in three widths: 4" (101.6 mm), 6" (152.4 mm), 9" (228.6 mm) by 75 feet (22.8 m).

Application Ideas

- Sealing joints around sills, jambs and heads of rectangular windows in wood frame construction.
- Sealing around other wall interruptions in non-roof areas, such as thresholds, dryer vents and hose bibs.
- When installed properly as a concealed flashing in vertical walls in frame construction, it prevents moisture intrusion and avoids the problems caused by water infiltration.

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Available Sizes	Available in rolls of three widths:		
	4 inches x 75 feet	(101 mm x 22,8 m)	12 rolls/case
	6 inches x 75 feet	(152 mm x 22,8 m)	8 rolls/case
	9 inches x 75 feet	(228 mm x 22,8 m)	4 rolls/case

Usage and Limitations

3M™ All Weather Flashing Tape 8067 is intended to provide a weatherproof seal around openings and penetrations in exterior walls when installed in accordance with these guidelines. The following conditions apply to the use of 3M™ All Weather Flashing Tape 8067:

- **Installation Temperature Range:** To obtain the best adhesion, 3M™ All Weather Flashing Tape 8067 should be installed when outdoor temperatures range from 0°F (-18°C) up to 120°F (49°C) over clean surfaces that are free from dirt and debris and have not absorbed water. Surfaces should be free of any damaged, unsupported areas, sharp protrusions or voids.
- Adheres to most common building materials. For difficult to stick to surfaces, test flashing tape adhesion before application. Use 3M™ Hi-Strength 90 Spray Adhesive to prime the substrate as needed prior to applying the flashing tape.
- **To apply,** peel back a few inches of one side of the split paper release liner to position the tape. Remove the liner while applying firm pressure to the flashing tape surface as it comes into contact with the building surface. Repeat this procedure with the remaining side of the paper release liner and tape. Using a roller (rubber, wood or steel “J” roller) apply sufficient pressure along the entire tape surface to ensure a continuous seal and to eliminate trapping air beneath the tape.
- **Environmental Conditions:** may remain exposed to direct sunlight for up to 6 months.
- **Warning:** The paper release liner is slippery and should not be walked on at any time. Discard the paper release liner in a designated container.

Storage

Store under normal conditions of 60-80°F (16-27°C) and 40-60% R.H. in the original carton.

Shelf Life

To obtain best performance, use this product within 24 months from date of manufacture.

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Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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ISO 9001:2008

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