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3M™ All Weather Flashing Tape 8067

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 Featured
- Very low vapor transmission rate.
- Meets AAMA 711-05 Voluntary Specifcation 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 12 months.
- Can be installed at temperatures as low as 0°F (-18°C) and as warm as 150°F (66°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).

Technical Information Note

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

Typical Physical Properties

Property	Values		Method	Environmental Condition	Notes
Total Tape Thickness	9.9 mil	0.25 mm	ASTM D3652		
Carrier Thickness	5 mil	0.13 mm	ASTM D3652		
Water Vapor Transmission	0.19 Perms		ASTM E96		
Nail Sealability	Pass		ASTM E331	Initial	
Nail Sealability	Pass		ASTM E331	After Thermal Cycling	
Wall Assembly Fire Test	5		NFPA 285		Pass as part of various assemblies with foam plastic insulation
Color	Tan				
Backing	Proprietary Film				
Adhesive Type	Acrylic				
Liner	Heavy Paper, split				

Typical Performance Characteristics

90° Peel Adhesion		Substrate	Dwell/Cure Time	Dwell Time Units	Temp C	Temp F	Environmental Condition
5.5 N/cm	50 oz/in	Housewrap (Spun bonded polyethylene)					
6.6 N/cm	60 oz/in	High Density Polyethylene (HDPE)					
6.6 N/cm		OSB					
60 oz/in		OSB	72	hr			
7.7 N/cm	70 oz/in	Anodized Aluminum	7	day	80C	176F	
7.1 N/cm	65 oz/in	Anodized Aluminum	7	day			Water

Table continued on next page

Typical Performance Characteristics Cont.

90° Peel Adhesion		Substrate	Dwell/Cure Time	Dwell Time Units	Temp C	Temp F	Environmental Condition
8.2 N/cm	75 oz/in	Anodized Aluminum					After Thermal Cycling
6.6 N/cm	60 oz/in	Anodized Aluminum					After UV Exposure

Property: 90° Peel Adhesion Method: ASTM D3330

Property	Values		Test Condition	Method	Test Name
Long Term Temperature Resistance	176 °F	80 °C	Long Term (day, weeks)		
Minimum Long Term Temperature Resistance	-40 °F	-40 °C	Long Term (day, weeks)		
Service Temperature Range	-40 to 116 °C	-40 to 240 °F		AAMA 711-05	
Application Temperature	-18 to 66 °C	0 to 150 °F		AAMA 711-05	
Surface Burning Characteristics	25			ASTM E84	Flame Spread Index

Available Sizes

Property	Values	
Standard Roll Length	22.8 m	25 yd

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

Handling/Application Information

Application Examples

- 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.

Handling/Application Information (continued)

Directions for Use

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 150°F (66°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 12 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 and Shelf Life

Store under normal conditions of 60-80°F (16-27°C) and 40-60% R.H. in the original carton. To obtain best performance, use this product within 24 months from date of manufacture.

Industry Specifcations

- 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.

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/company-us/all-3m-products/~/3M-All-Weather-Flashing-Tape-8067/?N=5002385+3293242746&rt=rud
Safety Data Sheet SDS	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=8067

ISO Statement

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.

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