All Weather Flashing Tape

8067

Technical Data **October 2023**

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 as well as for sealing joints in rigid air barriers. 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 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. The service life of the tape is expected to be equal to that of the cladding.

Product Construction

Backing	Adhesive	Liner	Colour
Proprietary film	Acrylic	Heavy paper, split	White with black printing

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:	66 N/100 mm width	ASTM D-3330 per AAMA 711-05
Adhesion to OSB:	66 N/100 mm width	ASTM D-3330 per AAMA 711-05
Adhesion to House-wrap*****:	55 N/100 mm width	ASTM D-3330 per AAMA 711-05
Adhesion to Anodized Aluminium:		
After 7 days at 80°C:	77 N/100 mm width	Conditioning per AAMA 711-05
After 7 days in water:	71 N/100 mm width	Conditioning per AAMA 711-05
After Thermal Cycling:	82 N/100 mm width	Conditioning per AAMA 711-05
After UV Exposure:	66 N/100 mm width	Conditioning per AAMA 711-05
Nail Sealability:		ASTM E331/547 as modified per AAMA 711-05 Annex 1
Initial:	Pass	
After Thermal Cycling:	Pass	
Surface Burning Characteristics:		ASTM E84-08A
Flame Spread Index:	5	
Smoked Developed Value:	25	
Tape Thickness:	0.25 mm	D-3652
Service Temp. Range:	-40°C to 80°C	Tested per AAMA 711-05
Application Temp. Range:	-18°C to 49°C	

*Spun bonded polyethylene.

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Features

- BRANZ (Building Research Association of New Zealand) Appraised #775-2018
- 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 (80°C at 7 days)

- Nail Sealability: Passes ASTM E331/547 (per AAMA 711-05, Annex 1) both before and after thermal cycling. BRANZ 775-2018 requires a double layer of tape be applied to horizontal surfaces that are nailed or screwed through.
- 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.
- 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 -18°C and as warm as 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.
- 150 mm measurement markings are printed on the tape for ease in cutting to the desired length.

Application Ideas

- Flashing exposed timber and building wrap in accordance with NZBC prior to window installation in wood framed construction.
- Sealing joints in building wrap and Rigid Air Barriers.
- Flashing pipe penetrations through building wraps and Rigid Air Barriers.
- 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

Readily available in rolls of four sizes:

50 mm x 22.8 m	76.2 x 22.8 m
152 mm x 22.8 m	228 mm x 22.8 m

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 and those in BRANZ 775-2018. 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 -18°C up to 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. If required, use 3M™ Hi-Strength 90 Spray Adhesive to prime the substrate as needed prior to applying the flashing tape.
- **To apply,** peel back about 50 mm – 100 mm 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 prevent trapping air beneath the tape.
- **Environmental Conditions:** may remain exposed to direct sunlight for up to 3 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 16°C - 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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ISO 9001:2000

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.

3M New Zealand Ltd
Industrial Business Group
94 Apollo Drive, Rosedale
Auckland, 0632
Phone: 0800 252 627

Web: www.3m.co.nz

3M Australia Pty Ltd
Industrial Business Group
Building A, 1 Rivett Rd
North Ryde, NSW 2113, Australia
Phone: 136 136

Web: www.3m.com.au