



Technical Data Sheet

3M™ Ultra Conformable Flashing Tape 3015UC



[Product Details](#)

Product Description

3M™ Ultra Conformable Flashing Tape 3015UC is a proprietary 3M detailing tape designed for the commercial construction market to be used in conjunction with a 3M Commercial Air Barrier System. It is constructed with a unique 3M backing that allows up to 370% elongation in multiple directions, enabling contractors to detail windows and other complex penetrations up to 40% faster by not having to cut and splice multiple pieces of tape.

3M acrylic adhesive allows the application of 3M™ Ultra Conformable Flashing Tape 3015UC at temperatures as low as 0°F and as high as 150°F. 3M Ultra Conformable Flashing Tape 3015UC can be exposed to UV sunlight for up to 12 months. It is repositionable, yet will adhere to and accept adhesion from most common building substrates per criteria of AMAA 711-13 using test method ASTM C-794.

Product Features

- Provides internal strength and durability
- Nail Sealability: Passes ASTM E331/547 per AAMA 711-13, Annex both before and after thermal cycling.
- Strong multi-directional tape stretches and conforms to difficult areas
- Easy, fast and hassle-free installation
- Resists UV exposure for up to 12 months
- Translucent for visual inspection
- Compatible with the most common building and construction substrates

Technical Information Note

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

Typical Physical Properties

Attribute Name	Test Method	Value
Color		Translucent Grey
Adhesive Type		High Performance Acrylic
Total Tape Thickness	ASTM D3652	0.97 mm (38 mil)

Typical Performance Characteristics

90° Peel Adhesion

Temperature: 22 °C (72 °F)

Test Method: ASTM D3330

Dwell Time	Substrate	Backing	Value
24 h	Concrete Based Material		255 N/cm (23 lb/in) ¹
24 h	Exterior Grade Gypsum Board		*48.6 N/cm (*4.3 lb/in) ¹
24 h	OSB		255 N/cm (23 lb/in) ¹
72 h	Stainless Steel	5 mil Aluminum Foil	254 N/cm (22 lb/in) ¹
24 h	Wood		255 N/cm (23 lb/in) ¹
168 h	Concrete Based Material		355.9 N/cm (31.5 lb/in) ¹
168 h	Exterior Grade Gypsum Board		*54.2 N/cm (*4.8 lb/in) ¹
168 h	OSB		279.1 N/cm (24.7 lb/in) ¹

Dwell Time	Substrate	Backing	Value
168 h	Stainless Steel		372.8 N/cm (33 lb/in) ¹
168 h	Wood		355.9 N/cm (31.5 lb/in) ¹

¹ 12 in/min (300 mm/min)

Test Method: ASTM D412

Attribute Name	Value
Elongation at Break	≥ 300 %
Tensile Strength	0.029 MPa (4.2 lb/in ²)

Handling/Application Information

Directions for Use

- To obtain the best adhesion, 3M™ Ultra Conformable Flashing Tape 3015UC should be applied when 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.
- Concrete must be cured a minimum of 7 days before application.
- While it can be applied as low as 0°F (-18°C) surfaces must be clear of snow, ice or frost.
- Must be lapped a minimum of 2" with air barrier.
- Adheres to most common building materials. For difficult-to-stick-to surfaces, test adhesion before application. If needed, apply 3M™ Hi-Strength 90 Spray Adhesive, 3M™ Hi-Strength 94ET Spray Adhesive, 3M™ Holdfast 70 Spray Adhesive or 3M™ Fastbond™ Contact Adhesive30NF to prime the substrate prior to applying the membrane. Products are available as either an aerosol or cylinder spray adhesive.

Application Examples

- Sealing around rough openings and joints in commercial building applications
- Sealing of through wall flashing penetrations such as ducts, conduits, cables and pipes
- Conforms to all dimensions of through wall penetrations openings within building envelopes such as around electrical cables, chimneys etc. to prevent air/moisture and water intrusion
- Recommended for construction types 1-4

Application Techniques

- Fill gaps and cracks exceeding ¼" width with 3M™ Polyurethane Sealant 540 or 3M™ Polyurethane Construction Sealant 525, and tool the surface flush and smooth.
- Fill gaps exceeding ½" width with closed cell foam backer rod, seal with 3M™ Polyurethane Sealant 540 or 3M™ Polyurethane Construction Sealant 525, and tool the surface flush and smooth.

Storage and Shelf Life

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in the original packaging, out of direct sunlight. For best performance, use this product within 24 months from date of manufacture.

Information

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ISO Statement

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