



3M™ Ultra Conformable Flashing Tape 3015UC

Last Revision Date: June, 2018

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 AAMA 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

Property	Values	Additional Information
Adhesive Type	High Performance Acrylic	
Color	Translucent Grey	
Total Tape Thickness (mil)	38 mil	View 
Test Method: ASTM D3652		
Total Tape Thickness (mm)	0.97 mm	View 
Test Method: ASTM D3652		

Typical Performance Characteristics


Property	Values	Additional Information
90° Peel Adhesion	254 N/cm	View 
<p>Test Method: ASTM D3330</p> <p>Dwell/Cure Time: 24.0 Dwell Time Units: hr Temp C: 23C Temp F: 72F Environmental Condition: 50%RH Substrate: Stainless Steel Backing: 5 mil Aluminum Foil</p> <p>Notes: 12 in/min (300 mm/min)</p>		
90° Peel Adhesion	22 lb/in	View 
<p>Test Method: ASTM D3330</p> <p>Dwell/Cure Time: 24.0 Dwell Time Units: hr Temp C: 23C Temp F: 72F Environmental Condition: 50%RH Backing: 5 mil Aluminum Foil</p> <p>Notes: 12 in/min (300 mm/min)</p>		
90° Peel Adhesion	255 N/cm	View 
<p>Test Method: ASTM D3330</p> <p>Dwell/Cure Time: 24.0 Dwell Time Units: hr Temp C: 23C Temp F: 72F Environmental Condition: 50%RH Substrate: Concrete Based Material</p> <p>Notes: 12 in/min (300 mm/min)</p>		
90° Peel Adhesion	23 lb/in	View 
<p>Test Method: ASTM D3330</p> <p>Dwell/Cure Time: 24.0 Dwell Time Units: hr Temp C: 23C Temp F: 72F Environmental Condition: 50%RH Substrate: Concrete Based Material</p> <p>Notes: 12 in/min (300 mm/min)</p>		
90° Peel Adhesion	255 N/cm	View 
<p>Test Method: ASTM D3330</p> <p>Dwell/Cure Time: 24.0 Dwell Time Units: hr Temp C: 23C Temp F: 72F Environmental Condition: 50%RH Substrate: OSB</p> <p>Notes: 12 in/min (300 mm/min)</p>		
90° Peel Adhesion	23 lb/in	View 
<p>Test Method: ASTM D3330</p>		

Dwell/Cure Time: 24.0
 Dwell Time Units: hr
 Temp C: 23C
 Temp F: 72F
 Environmental Condition: 50%RH
 Substrate: OSB

Notes: 12 in/min (300 mm/min)

90° Peel Adhesion

255 N/cm

View 

Test Method: ASTM D3330

Dwell/Cure Time: 24.0
 Dwell Time Units: hr
 Temp C: 23C
 Temp F: 72F
 Environmental Condition: 50%RH
 Substrate: Wood

Notes: 12 in/min (300 mm/min)

90° Peel Adhesion

23 lb/in

View 

Test Method: ASTM D3330

Dwell/Cure Time: 24.0
 Dwell Time Units: hr
 Temp C: 23C
 Temp F: 72F
 Environmental Condition: 50%RH
 Substrate: Wood

Notes: 12 in/min (300 mm/min)

90° Peel Adhesion

*48.6 N/cm

View 

Test Method: ASTM D3330

Dwell/Cure Time: 24.0
 Dwell Time Units: hr
 Temp C: 23C
 Temp F: 72F
 Environmental Condition: 50%RH
 Substrate: Exterior Grade Gypsum Board

Notes: 12 in/min (300 mm/min)

90° Peel Adhesion

*4.3 lb/in

View 

Test Method: ASTM D3330

Dwell/Cure Time: 24.0
 Dwell Time Units: hr
 Temp C: 23C
 Temp F: 72F
 Environmental Condition: 50%RH
 Substrate: Exterior Grade Gypsum Board

Notes: 12 in/min (300 mm/min)

90° Peel Adhesion

372.8 N/cm

View 

Test Method: ASTM D3330

Dwell/Cure Time: 168.0
 Dwell Time Units: hr
 Temp C: 23C
 Temp F: 72F
 Environmental Condition: 50%RH
 Substrate: Stainless Steel

Notes: 12 in/min (300 mm/min)

90° Peel Adhesion

33 lb/in

View 


Test Method: ASTM D3330

Dwell/Cure Time: 168.0
Dwell Time Units: hr
Temp C: 23C
Temp F: 72F
Environmental Condition: 50%RH
Substrate: Stainless Steel

Notes: 12 in/min (300 mm/min)

90° Peel Adhesion

355.9 N/cm

View 

Test Method: ASTM D3330

Dwell/Cure Time: 168.0
Dwell Time Units: hr
Temp C: 23C
Temp F: 72F
Environmental Condition: 50%RH
Substrate: Concrete Based Material

Notes: 12 in/min (300 mm/min)

90° Peel Adhesion

31.5 lb/in

View 


Test Method: ASTM D3330

Dwell/Cure Time: 168.0
Dwell Time Units: hr
Temp C: 23C
Temp F: 72F
Environmental Condition: 50%RH
Substrate: Concrete Based Material

Notes: 12 in/min (300 mm/min)

90° Peel Adhesion

279.1 N/cm

View 

Test Method: ASTM D3330

Dwell/Cure Time: 168.0
Dwell Time Units: hr
Temp C: 23C
Temp F: 72F
Environmental Condition: 50%RH
Substrate: OSB

Notes: 12 in/min (300 mm/min)

90° Peel Adhesion

24.7 lb/in

View 


Test Method: ASTM D3330

Dwell/Cure Time: 168.0
Dwell Time Units: hr
Temp C: 23C
Temp F: 72F
Environmental Condition: 50%RH
Substrate: OSB

Notes: 12 in/min (300 mm/min)

90° Peel Adhesion

355.9 N/cm

View 

Test Method: ASTM D3330


Dwell/Cure Time: 168.0
Dwell Time Units: hr
Temp C: 23C
Temp F: 72F

Environmental Condition: 50%RH
Substrate: Wood

Notes: 12 in/min (300 mm/min)

90° Peel Adhesion

31.5 lb/in

View 

Test Method: ASTM D3330

Dwell/Cure Time: 168.0
Dwell Time Units: hr
Temp C: 23C
Temp F: 72F
Environmental Condition: 50%RH
Substrate: Wood

Notes: 12 in/min (300 mm/min)

90° Peel Adhesion

*54.2 N/cm

View 


Test Method: ASTM D3330

Dwell/Cure Time: 168.0
Dwell Time Units: hr
Temp C: 23C
Temp F: 72F
Environmental Condition: 50%RH
Substrate: Exterior Grade Gypsum Board

Notes: 12 in/min (300 mm/min)

90° Peel Adhesion

*4.8 lb/in

View 

Test Method: ASTM D3330

Dwell/Cure Time: 168.0
Dwell Time Units: hr
Temp C: 23C
Temp F: 72F
Environmental Condition: 50%RH
Substrate: Exterior Grade Gypsum Board

Notes: 12 in/min (300 mm/min)

Tensile Strength


0.029 MPa

View 

Test Method: ASTM D412

Tensile Strength

4.2 lb/in²

View 

Test Method: ASTM D412

Elongation at Break

≥ 300 %

View 

Test Method: ASTM D412

Storage and Shelf Life

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

Bottom Matter

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Trademarks

3M is a trademark of 3M Company.

Handling/Application Information

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.

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 Adhesive 30NF to prime the substrate prior to applying the membrane. Products are available as either an aerosol or cylinder spray adhesive.

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/p/d/b5005036057/
Safety Data Sheet SDS	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=3015UC

Family Group

Link Tags:

• [3015UC](#)

Products	Adhesive Type	Color	Total Tape Thickness (mm)
3015UC	High Performance Acrylic	Translucent Grey	0.97 mm

ISO Statement

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

Information

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