



3M™ Aluminum Foil Tape 3340

Last Revision Date: May, 2022

Product Description

3M™ UL181A-P and UL181B-FX 3340 Aluminum Foil Tape is a high temperature, high strength aluminum foil tape coated with a cold weather acrylic pressure sensitive adhesive.

Product Features

- High strength aluminum foil backing is ideal for rigid duct board and flexible duct.
- Excellent for high heat and humidity conditions.
- Excellent performance and durability over a wide range of environmental conditions.
- Cold weather adhesive.
- Easy to install on site without special tools or application methods.

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
Backing	High Strength Aluminum Foil	
Adhesive Type	Acrylic	
Liner	Paper	
Color	Natural Aluminum	
Backing Thickness	0.05 mm	View
Test Method: ASTM D3652		
Total Tape Thickness	3.9 mil	View
Test Method: ASTM D3652		
Total Tape Thickness	0.09 mm	

View 

Test Method: ASTM D3652

Backing Thickness

2 mil

View 

Test Method: ASTM D3652

Typical Performance Characteristics


Property

Values

Additional Information

Tensile Strength


50.8 N/cm

View 

Test Method: ASTM D3759

180° Peel Adhesion

6.6 N/cm

View 

Test Method: ASTM D3330

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

180° Peel Adhesion

60 oz/in


View 

Test Method: ASTM D3330

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

Tensile Strength

29 lb/in

View 

Test Method: ASTM D3759

Elongation at Break

10 %

View 

Test Method: ASTM D3759

Long Term Temperature Resistance

149 °C

Minimum Long Term Temperature Resistance

-40 °C

Long Term Temperature Resistance

300 °F

Minimum Long Term Temperature Resistance

-40 °F

Certifications/Standards

- UL181A-P Listed (UL File # MH16587)
- UL181B-FX Listed (UL File # MH16587)

Storage and Shelf Life

Store in a clean, dry place. Temperature of 40-80°F (4-26°C) and 40 to 50% relative humidity are recommended. To obtain best performance, use this product within 24 months from date of manufacture.

Bottom Matter

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Handling/Application Information

Application Examples

- Vapor seal on reinforced fiberglass duct board
- High performance duct closure
- Sealing flexible duct to rigid duct

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/p/d/b40068009/
Safety Data Sheet SDS	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=3340

Family Group

Link Tags:

• [3340](#)

Products	Backing	Adhesive Type	Liner	Color	Backing Thickness	Total Tape Thickness	Tensile Strength	Long Term Temperature Resistance	Minimum Long Term Temperature Resistance
3340	High Strength Aluminum Foil	Acrylic	Paper	Natural Aluminum	0.05 mm	0.09 mm	50.8 N/cm	300 °F	-40 °C

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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