

July, 2018

3M™ Aluminum Foil Tape 3340

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.



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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		Method
Color	Natural Aluminum		
Total Tape Thickness	0.09 mm	3.9 mil	ASTM D3652
Backing Thickness	0.05 mm	2 mil	ASTM D3652
Backing	High Strength Aluminum Foil		
Adhesive	Acrylic		
Liner	Paper		

Typical Performance Characteristics

Property	Values		Method	Backing	Notes
180° Peel Adhesion	6.6 N/cm	60 oz/in	ASTM D3330	2 mil Aluminum Foil	12 in/min (300 mm/min) 72 hr dwell on Stainless Steel
Tensile Strength	50.8 N/cm	29 lb/in	ASTM D3759		
Elongation at Break	10 %		ASTM D3759		
Temperature Use Range	-40 to 149 °C	-40 to 300 °F			

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Handling/Application Information

Application Ideas

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

Certifications

- 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.

Trademarks

3M and Venture Tape are trademarks of 3M Company.

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/company-us/all-3m-products/~/3M-Foil-Tape-3340?N=5002385+3293241172&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=3340

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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Information

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