Venture Tape™ UL181A-P and UL181B-FX Aluminum Foil Tape 1581A

Technical Data September 2017

Product Description

3M™ Venture Tape™ UL181A-P and UL181B-FX Aluminum Foil Tape 1581A is a UL printed high temperature, high strength aluminum foil tape coated with a cold weather acrylic pressure sensitive adhesive.

Product Construction

Backing	Adhesive	Color	Liner	Standard Roll Length
UL printed high strength aluminum foil	Acrylic	Natural Aluminum	Paper	60 yds (55m)

Features

- Conformable foil applies easily to both rigid duct board and flexible duct
- Excellent performance in demanding temperature and humidity conditions
- Excellent performance and durability over a wide range of environmental conditions
- Easy to install on site without special tools or application methods

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	Typical Value	Typical Value (Metric)	Test Method
Total Tape Thickness	3.9 mils	0.09 mm	ASTM-D3652
Backing Thickness	2.0 mils	0.05 mm	ASTM-D3652
Peel Adhesion	60 oz/in	16.7 N/25mm	ASTM-D3330
Tensile Strength	29 lb/in	129 N/25 mm	ASTM-D3759
Elongation	10%	10%	ASTM-D3759
Service Temperature	-40 to 300°F	-40 to 149°C	

Application Ideas

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

Classifications

- UL181A-P Listed (UL File # MH16587)
- UL181B-FX Listed (UL File # MH16587)
- ULC S102 Listed (Flame/Smoke 0/0) [ULC File # R10984]

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Storage	Store in a clean, dry place. Temperature of 40-80°F (4-26°C) and 40-50% relative humidity are recommended.
Shelf Life	To obtain best performance, use this product within 24 months from date of manufacture.
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ISO 9001

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