



Venture Tape™ UL181B Aluminum Foil Tape 1580-P

Technical Data

September 2017

Product Description 3M™ Venture Tape™ UL181B Aluminum Foil Tape 1580-P is a UL printed aluminum foil tape coated with a heavy coating of mastic adhesive.

Product Construction	Backing	Adhesive	Color	Liner	Standard Roll Length
	Red UL Printed Aluminum Foil	Mastic	Natural Aluminum	Release Liner	100 ft (30.4 m)

- Features**
- Provides an instant water resistant bond on most surfaces including sheet metal, duct board, flex duct, and duct wrap vapor barriers
 - Provides superior performance and durability over a wide range of environmental conditions
 - Excels in high humidity conditions
 - Hand tearable allowing for easy installation

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	14 mils	0.36 mm	ASTM-D3652
Backing Thickness	1.95 mils	0.05 mm	ASTM-D3652
Peel Adhesion	81 oz/in	23 N/25 mm	ASTM-D3330
Tensile Strength	22lb/in	98 N/25 mm	ASTM-D3759
Elongation	9%	9%	ASTM-D3759
Service Temperature	-40° to 200°F	-40° to 93°C	

- Application Ideas**
- Applications requiring water resistant bonding
 - Facing on fibrous, flex duct and sheet metal ductwork
 - Duct wrap vapor barriers

Classifications • UL 181B-FX [UL file MH16587]

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Storage Store in a clean, dry place. Temperature of 40-80°F (4-26°C) and 40 to 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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Industrial Adhesives and Tapes Division
3M Center, Building 225-3S-06
St. Paul, MN 55144-1000
800-362-3550 • 877-369-2923 (Fax)
www.3M.com/construction

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