



# 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
Peal 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**
- Applies easily to sheet metal, duct board and flex duct
  - Can be used on FSK systems

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

# 3M™ Venture Tape™ Aluminum Foil Tape 1580-P

---

**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 12 months from date of manufacture.

---

**Technical Information** The technical information, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any 3M or third party intellectual property rights is granted or implied with this information.

---

**Product Selection And Use** Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

---

**Warranty, Limited Remedy, and Disclaimer** Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If a 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

---

**Limitation of Liability** Except for the limited remedy stated above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.

---

ISO 9001

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



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

3M is a trademark of 3M Company.  
Printed in U.S.A.  
©3M 2017 All rights reserved.