



# Venture Tape™ Aluminum Foil Tape 1520CW

Technical Data

April, 2015

**Product Description** 3M™ Venture Tape™ Aluminum Foil Tape 1520CW is a 2.0mil high strength dead soft aluminum foil coated with a cold weather solvent acrylic pressure sensitive adhesive.

Product Construction	Backing	Adhesive	Color	Liner	Standard Roll Length
	Aluminum Foil	Acrylic	Natural Aluminum	Release Liner	50 yds (45.7 m)

- Features**
- Excels in demanding temperature and humidity applications
  - Conforms well to irregular surfaces
  - Specifically designed for cold weather conditions

**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
Product Thickness*	3.3 mils	0.08 mm	PSTC-133
Peel Adhesion	45 oz/in	12.5 N/25 mm	PSTC-101
Shear Adhesion	>24 hrs @ 2.2 psi	>24 hrs @ 15.2 kPa	PSTC-107
Tensile Strength	21 lb/in	94.9 N/25 mm	PSTC-131
Elongation	4%	4%	PSTC-131
Service Temperature	-40° to 250°F	-40° to 121°C	

\*Excludes liner

- Application Ideas**
- Applies easily to both fibrous and sheet metal ducts

- Classifications**
- UL723 Classified (5/10 Flame/Smoke Rating) [UL file #R10984]
  - BS476 parts 6 & 7 class 1
  - U.S. Coast Guard Approved (CGA #164.112/63/0)
  - IMO Resolution A653(16)
  - IMO Resolution MSC 61(67) Annex 1 Part 5 and Annex 2 IMO resolution MSC 61(67) Annex 1 Part 2 and Annex 2

# 3M™ Venture Tape™ Aluminum Foil Tape 1520CW

---

**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, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

---

**Product 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. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

---

**Warranty, Limited Remedy, and Disclaimer** Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 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 OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the 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 where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including 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



*Recycled Paper*  
40% pre-consumer  
10% post-consumer

3M and Venture Tape are trademarks of 3M Company.  
Printed in U.S.A.  
©3M 2015 All rights reserved.  
70-0709-4182-1