



# Technical Data Sheet

## 3M™ Venture Tape™ FSK Facing Tape 1525CW

### Product Description

3M™ Venture Tape™ FSK Facing Tape 1525CW is a foil/scrim/kraft (FSK) lamination coated with a cold weather solvent acrylic pressure sensitive adhesive. 3M™ Venture Tape™ 1528CW is a FSK 2.5" disc version of 1525CW.

### Product Features

- Cold weather adhesive performs well over a wide temperature range
- Excellent performance in demanding heat and humidity conditions
- Conforms well to irregular surfaces


### 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	Additional Information
Backing	FSK	
Adhesive Type	Acrylic	
Liner	Release Liner	
Color	Natural Aluminum	
Backing Thickness (mm)	0.1 mm	View
Test Method: ASTM D3652		
Total Tape Thickness (mil)	5.5 mil	View
Test Method: ASTM D3652		
Total Tape Thickness (mm)	0.14 mm	View


Test Method: ASTM D3652


Backing Thickness	4 mil	View 
Test Method: ASTM D3652		


### Typical Performance Characteristics

Property	Values	Additional Information
Tensile Strength	68.3 N/cm	View 

Test Method: ASTM D3759

180° Peel Adhesion	7.2 N/cm	View 
Test Method: ASTM D3330		
Notes: 12 in/min (300 mm/min)		

180° Peel Adhesion	66 oz/in	View 
Test Method: ASTM D3330		
Notes: 12 in/min (300 mm/min)		

Tensile Strength (lb/in)	39 lb/in	View 
Test Method: ASTM D3759		

Elongation at Break (%)	2 %	View 
Test Method: ASTM D3759		

Long Term Temperature Resistance	116 °C	
----------------------------------	--------	--

Minimum Long Term Temperature Resistance	-40 °C	
--	--------	--

Long Term Temperature Resistance	240 °F	
----------------------------------	--------	--

Minimum Long Term Temperature Resistance	-40 °F	
--	--------	--

### Available Sizes

Property	Values	Additional Information
----------	--------	------------------------

Standard Roll Length 45.7 m

Standard Roll Length 50 yd

## Certifications/Standards

- UL723 Classified (10/10 Flame/Smoke Rating) [UL file #R10984]
- CAN/ULC S102 (10/10 Flame/Smoke Rating) [UL file #R10984]
- Facing meets ASTM C1136, type II and IV

## 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.

## Bottom Matter

3M  
Industrial Adhesives and Tapes Division  
3M Center, Building 225-3S-06  
St. Paul, MN 55144-1000  
800-362-3550

## Trademarks

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

## Handling/Application Information

### Application Examples

- Sealing applications for fibrous ductboard, FSK-faced duct wrap and sheet metal ducts.
- Vapor seal for reinforced aluminum faced fiberglass or mineral wool thermal insulation.

## References

Property	Values
3m.com Product Page	<a href="https://www.3m.com/3M/en_US/p/d/b40067933/">https://www.3m.com/3M/en_US/p/d/b40067933/</a>
Safety Data Sheet SDS	<a href="https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=1525CW">https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=1525CW</a>

## ISO Statement

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

## Information

**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.

**Disclaimer:** 3M industrial and occupational products are intended, labeled, and packaged for sale to trained industrial and occupational customers for workplace use. Unless specifically stated otherwise on the applicable product packaging or literature, these products are not intended, labeled, or packaged for sale to or use by consumers (e.g., for home, personal, primary or secondary school, recreational/sporting, or other uses not described in the applicable product packaging or literature), and must be selected and used in compliance with applicable health and safety regulations and standards (e.g., U.S. OSHA, ANSI), as well as all product literature, user instructions, warnings, and limitations, and the user must take any action required under any recall, field action or other product use notice. Misuse of 3M industrial and occupational products may result in injury, sickness, or death. For help with product selection and use, consult your on-site safety professional, industrial hygienist, or other subject matter expert. For additional product information, visit [www.3M.com](http://www.3M.com).