



TBP Converting, Inc.
3M Venture Tape FSK Facing Tape 1525CW

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 
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Test Method: ASTM D3330


Notes: 12 in/min (300 mm/min)

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

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

Long Term Temp C	116 °C	View 
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Test Condition: Long Term (day, weeks)

Minimum Long Term Temperature Resistance	-40 °C	View 
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Test Condition: Long Term (day, weeks)

Long Term Temp F	240 °F	View 
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Test Condition: Long Term (day, weeks)

Minimum Long Term Temperature Resistance	-40 °F	View 
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Test Condition: Long Term (day, weeks)

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.

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	https://www.3m.com/3M/en_US/p/d/b40067933/
Safety Data Sheet SDS	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=1525CW

Family Group

Link Tags:

- ▣ 1525CW
- ▣ 1528CW

Products	Adhesive Type	Liner	Color	Backing Thickness (mm)	Tensile Strength	Long Term Temp C	Minimum Long	
							Term Temperature Resistance	Long Term Temp F

1525CW	Acrylic	Release Liner	Natural Aluminum	0.1 mm	68.3 N/cm	116 °C	-40 °C	240 °F
1528CW	Acrylic	Release Liner	Natural Aluminum	0.1 mm	68.3 N/cm	116 °C	-40 °C	240 °F

ISO Statement

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

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