

TBP Converting, Inc. 3M Venture Tape Aluminum Foil Tape 1520CW



Technical Data Sheet

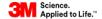
3M[™] Venture Tape[™] Aluminum Foil Tape 1520CW

Product Description				
3M™ Venture Tape™ 1520CW is a high strength dead soft aluminum foil tape coated with a cold weather acrylic pressure sensitive adhesive.				
Product Features				
Bonds and seals at temperatures as low as -10°F (-23°C Excels in demanding temperature and humidity application conforms well to curved and irregular surfaces Specifically designed for cold weather conditions Hand tearable Technical Information Note				
Teelineal information Note				
The following technical information and data should be of Typical Physical Properties	considered representative or typical only and should not	be used for specification purposes.		
Typical Fiftysical Froperties				
Property	Values	Additional Information		
Backing	Aluminum Foil			
Adhesive Type	Acrylic			
Liner	Release Liner			
Color	Natural Aluminum			
Backing Thickness (mm)	0.05 mm	View ^		
Test Method: ASTM D3652				
Total Tape Thickness (mil)	3.2 mil	View ^		
Test Method: ASTM D3652				
Total Tape Thickness (mm)	0.08 mm	View ^		
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Test Method: ASTM D3652

Backing Thickness	1.8 mil	View ^
Test Method: ASTM D3652		
ypical Performance Characteristics		
Property	Values	Additional Information View ^
Tensile Strength	36.8 N/cm	view **
Test Method: ASTM D3759		
180° Peel Adhesion	5.6 N/cm	View ^
Test Method: ASTM D3330		
Notes: 12 in/min (300 mm/min)		
180° Peel Adhesion	51 oz/in	View ^
Test Method: ASTM D3330		
Notes: 12 in/min (300 mm/min)		
Tensile Strength (lb/in)	21 lb/in	View ^
Test Method: ASTM D3759		
Elongation at Break (%)	9%	View ^
Test Method: ASTM D3759		
Long Term Temp C	127 °C	View ^
Test Condition: Long Term (day, weeks)		
Minimum Long Term Temperature Resistance	-40 °C	View ^
Test Condition: Long Term (day, weeks)		
Long Term Temp F	260 °F	View ^
Test Condition: Long Term (day, weeks)		
Minimum Long Term Temperature Resistance	-40 °F	View ^
Test Condition: Long Term (day, weeks)		
vailable Sizes		
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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 Classification Flame and Smoke Rating (10/10)
- U.S. Coast Guard Approved (CGA #164.112/1121/WCL MED 0287)

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

- Fibrous ductboard, sheet metal ducts and blankets
- Applications requiring flexibility and good temperature performance
- General purpose foil tape for a variety of applications

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/p/d/b40067914/
Safety Data Sheet SDS	https://www.3m.com/3M/en_US/company-us/SDS-search/results/? gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=1520CW

ISO Statement

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

Information

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