



Technical Data Sheet

3M™ Venture Tape™ Aluminum Foil Tape 1520CW



[Regulatory Info/SDS](#)

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 applications
- Conforms well to curved and irregular surfaces
- Specifically designed for cold weather conditions
- Hand tearable

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

Attribute Name	Test Method	Value
Color		Natural Aluminum
Adhesive Type		Acrylic
Backing		Aluminum Foil
Backing Thickness	ASTM D3652	0.05 mm (1.8 mil)
Total Tape Thickness	ASTM D3652	0.08 mm (3.2 mil)
Liner		Release Liner

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	22 °C (72 °F)	5.6 N/cm (51 oz/in) ¹
Elongation at Break	ASTM D3759		9 %
Tensile Strength	ASTM D3759		36.8 N/cm (21 lb/in)

¹ 12 in/min (300 mm/min)

Attribute Name	Value
Long Term Temperature Resistance	127 °C (260 °F) ¹
Minimum Long Term Temperature Resistance	-40 °C (-40 °F) ¹

¹ Long Term (day, weeks)

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

Certifications/Standards

Certifications

- 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 under normal conditions of 4° to 27°C (40° to 80°F) and 40 to 50% relative humidity in the original packaging, out of direct sunlight. For best performance, use this product within 18 months from date of manufacture.

Available Sizes

Attribute Name	Value
Standard Roll Length	45.7 m (50 yd)

Information

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ISO Statement

This product was manufactured under a 3M quality system registered to ISO 9001 standards.

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