



Technical Data Sheet

3M™ Venture Tape™ Aluminum Foil Tape 3520CW



[Product Details](#)

Product Description

3M™ Venture Tape™ Aluminum Foil Tape 3520CW is a high strength dead soft aluminum foil coated with a cold weather acrylic pressure sensitive adhesive.

Product Features

- Specifically designed to perform in temperatures from -40°F to 250°F
- Excellent for high heat and humidity conditions
- Hand tearable allows for easy installation without special tools
- UL723 Classified [10/10 Flame/Smoke Rating] (ULC File # R10984)

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 (2 mil)
Total Tape Thickness	ASTM D3652	0.09 mm (3.7 mil)
Liner		Paper

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	22 °C (72 °F)	6.3 N/cm (58 oz/in) ¹
Elongation at Break	ASTM D3759		8.5 %
Tensile Strength	ASTM D3759		40.3 N/cm (23 lb/in)

¹ 12 in/min (300 mm/min)

Attribute Name	Value
Long Term Temperature Resistance	121 °C (250 °F) ¹
Minimum Long Term Temperature Resistance	-40 °C (-40 °F) ¹

¹ Long Term (day, weeks)

Handling/Application Information

Application Examples

- Vapor seal for fibrous and sheet metal ducts
- General purpose construction applications

Industry Specifications

UL 723 Classified [10/10 Flame/Smoke Rating] (File R10984)

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 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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