



## Technical Data Sheet

### 3M™ Venture Tape™ Aluminum Foil Tape 1521CW



[Product Details](#)



[Regulatory Info/SDS](#)

#### **Product Description**

3M™ Venture Tape™ Aluminum Foil Tape 1521CW is a high strength dead soft aluminum foil coated with a cold weather acrylic pressure sensitive adhesive.

#### **Product Features**

- Excels in demanding temperature and humidity applications
- Conforms well to curved and irregular surfaces
- Specifically designed for cold weather conditions
- Hand tearable and easy to install

#### **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	0.04 mm (1.4 mil)
Total Tape Thickness	ASTM D3652	0.07 mm (2.8 mil)
Liner		Release Liner

#### **Typical Performance Characteristics**

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	22 °C (72 °F)	5 N/cm (46 oz/in) <sup>1</sup>
Elongation at Break	ASTM D3759		4 %
Tensile Strength	ASTM D3759		26.3 N/cm (15 lb/in)

<sup>1</sup> 12 in/min (300 mm/min)

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

<sup>1</sup> Long Term (day, weeks)

## **Handling/Application Information**

### **Application Examples**

- Applies easily to both fibrous and sheet metal ducts
- Vapor seal for reinforced fiberglass and mineral wool insulation
- Seam and joint sealing on sheet metal and fibrous ductwork

## **Certifications/Standards**

### **Certifications**

- UL723 Classified (10/10 Flame/Smoke Rating) [UL file #R10984]
- U.S. Coast Guard Approved (CGA #164.112/63/0)

## **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**

<b>Attribute Name</b>	<b>Value</b>
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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