



## Technical Data Sheet

### 3M™ Venture Tape™ Aluminum Foil Tape 1519CW

#### **Product Description**

3M™ Venture Tape™ 1519CW is a general purpose 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)
- Specifically designed for cold weather conditions
- Excels in demanding temperature and humidity applications
- Excellent resistance to extreme environmental conditions
- Hand tearable and easy to install without special tools or application methods

#### **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	0.08 mm (3 mil)
Total Tape Thickness	ASTM D3652	0.13 mm (5 mil)
Liner		Release Liner

#### **Typical Performance Characteristics**

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	22 °C (72 °F)	6.2 N/cm (57 oz/in) <sup>1</sup>
Elongation at Break	ASTM D3759		6 %
Tensile Strength	ASTM D3759		57.8 N/cm (33 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**

- General purpose heat shielding
- Light reflection
- General purpose foil tape for a variety of applications

## **Certifications/Standards**

### **Certifications**

UL723 Classified (0/0 Flame/Smoke Rating) [UL 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 24 months from date of manufacture.

## **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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