

English

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Technical Data Sheet

3M™ Venture Tape™ Aluminum Foil Tape 1519CW

Product Details

Regulatory Info/SDS

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) [1]
Elongation at Break	ASTM D3759		6 %
Tensile Strength	ASTM D3759		57.8 N/cm (33 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

- 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 in a clean, dry place. Temperature of 40-80°F (4-26°C) and 40-50% relative humidity are recommended.
To obtain best performance, use this product within 24 months from date of manufacture.

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ISO Statement

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

3M
Industrial Adhesives and Tapes Division
3M Center, Building 225-3S-06
St. Paul, MN 55144-1000
800-362-3550

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