



Technical Data Sheet

3M™ Venture Tape™ Aluminum Foil Tape
1558HT



[Product Details](#)



[Regulatory Info/SDS](#)

Product Description

3M™ Venture Tape™ Aluminum Foil Tape 1558HT is a white high strength dead soft aluminum foil coated with a cold weather acrylic pressure sensitive adhesive.

Product Features

- Excels in demanding humidity applications
- Resistant to humidity, moisture and mold
- Conforms well to curved and irregular surfaces
- 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		White
Adhesive Type		Acrylic
Backing		Aluminum Foil
Backing Thickness	ASTM D3652	0.06 mm (2 mil)
Total Tape Thickness	ASTM D3652	0.14 mm (5.4 mil)
Liner		Release Liner

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	22 °C (72 °F)	6.6 N/cm (60 oz/in) ¹
Elongation at Break	ASTM D3759		8 %
Tensile Strength	ASTM D3759		42 N/cm (24 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

Lap joint and vapor seal on white foil faced board

Storage and Shelf Life

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