



Venture Tape™ Cryogenic Vapor Barrier Tape 1555CW

Technical Data

June, 2015

Product Description 3M™ Venture Tape™ Cryogenic Vapor Barrier Tape 1555CW is a 3-ply laminate cryogenic vapor barrier tape made with 1 mil aluminum foil and 0.5 mil polyester film on both sides and coated with a cold weather acrylic pressure sensitive adhesive.

Product Construction	Backing	Adhesive	Color	Liner	Standard Roll Length
	Polyester/Aluminum/ Polyester	Acrylic	Natural Aluminum	Release Liner	50 yds (45.7 m)

Features

- Performs well in cold temperatures as well as high heat and humidity conditions
- Polyester coating on both sides of the laminate prevents formation of pinholes

Typical Physical Properties **Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.**

Test	Typical Value	Typical Value (Metric)	Test Method
Product Thickness	4.0 mils	0.10 mm	PSTC-133
Peel Adhesion	60 oz/in	16.7 N/25 mm	PSTC-101
Shear Adhesion	>24 hrs @ 2.2 psi	>24 hrs @ 15.2 kPa	PSTC-107
Tensile Strength	25 lb/in	113 N/25 mm	PSTC-131
Elongation	50%	50%	PSTC-131
Service Temperature	-40° to 300°F	-40° to 149°C	

Application Ideas

- Low temperature vapor barrier joint closure system

Classifications

- UL723 Classified (5/10 Flame/Smoke Rating) [UL file #R10984]

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Storage	Store in a clean, dry place. Temperature of 40-80°F (4-26°C) and 40 to 50% relative humidity are recommended.
Shelf Life	To obtain best performance, use this product within 12 months from date of manufacture.
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ISO 9001

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Industrial Adhesives and Tapes Division

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