



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.

Technical Information The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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ISO 9001

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