



Technical Data Sheet

3M™ Venture Tape™ Double Coated PE Foam Glazing Tape VG1216



[Product Details](#)

Product Description

3M™ Venture Tape™ Double Coated PE Foam Glazing Tape VG1216 is 1/16" thick closed cell, crosslinked polyethylene foam tape coated on both sides with a high performance acrylic based pressure sensitive adhesive with an easy release 4 mil blue poly liner.

Product Features

- Easily die cut.
- Low application temperature
- Great chemical resistance.
- Low compression set.
- Better conformability, cushioning and vibration damping.

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		Black, White
Adhesive Carrier		PE Foam
Density	ASTM D3574	48 kg/m ³ (3 lb/ft ³) ¹

¹ Foam with adhesive

Attribute Name	Test Method	Test Condition	Value
Total Tape Thickness	ASTM D3652		1.7 mm (66.5 mil)
Adhesive Thickness	PSTC-133	Faceside	0.051 mm (2 mil)
Adhesive Thickness	PSTC-133	Backside	0.051 mm (2 mil)
Carrier Thickness	PSTC-133		1.588 mm (62.5 mil)
Liner			4 mil Blue Poly

Typical Performance Characteristics

Attribute Name	Test Method	Value
Peel Adhesion	PSTC-101	25 N/25.4mm (90 oz/in)
Elongation	PSTC-131	228 %
Tensile Strength	PSTC-131	195 N/25.4mm (113 lb/in)
Tack	ASTM D2979	1106 g (39 oz)

Shear Adhesion

Test Method: PSTC-107

Value
>24 h @ 15.2 kPa
>24 h ¹

¹ @2.2 psi

Attribute Name	Value
Minimum Application Temperature	10 °C (50 °F)
Long Term Temperature Resistance	82 °C (180 °F) ¹
Minimum Long Term Temperature Resistance	-12 °C (10 °F) ¹

¹ Long Term (day, weeks)

Storage and Shelf Life

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in the original packaging, out of direct sunlight. For best performance, use this product within 24 months from date of manufacture.

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ISO Statement

This product was manufactured under a 3M quality system registered to ISO 9001 standards.

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