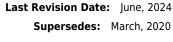




# **Technical Data Sheet**

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



**English-US** 



## **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/m³ (3 lb/ft³) ¹

<sup>&</sup>lt;sup>1</sup> 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) <sup>1</sup>
Minimum Long Term Temperature Resistance	-12 °C (10 °F) <sup>1</sup>

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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