

August, 2019

3M™ Venture Tape™ Double Sided PE Tape VG-500 Series VG 516

Product Description

This 3M™ Venture Tape™ Double Sided PE Tape VG 516 is a black or white closed cell, crosslinked polyethylene foam coated on both sides with a general-purpose rubber-based adhesive with a white kraft liner.

Product Features

- High immediate bond
- Easily die cut
- Good conformability, cushioning & vibration damping
- Low compression set
- Great chemical resistance

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

Property	Values		Method
Total Tape Thickness	1.7 mm	66 mils	PSTC-133
Backside Adhesive Thickness	0.05 mm	1.8 mils	PSTC-133
Carrier Thickness	1.6 mm	62.5 mils	PSTC-133
Backing	White Kraft Liner		
Adhesive Type	Rubber Based		
Adhesive Carrier	Closed Cell Crosslinked Polyethylene Foam		
Foam Color	White, Black		
Liner	White Kraft		
Liner Color	White		

Typical Performance Characteristics

Property	Values		Method	Substrate
Tensile Strength	114 lb/in		PSTC-131	
Elongation	269 %		PSTC-131	
Peel Adhesion	8.7 N/cm	80 oz/in	ASTM D3330	Stainless Steel
Service Temperature Range	10 to 68 °C	50 to 155 °F		
Tack	964 g	34 oz	ASTM D2979	
Dynamic Shear	36 lb/in²			Type 170 to 250

Available Sizes

Property	Values		Notes
Standard Roll Length	65.8 m	72 yd	

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Available Sizes (continued)

Property	Values		Notes
Standard Roll Width	0.5, 0.75, 1, 61.5 in		In increments of 10 mm. Other widths available upon request.

Handling/Application Information

Application Ideas

- Point of purchase displays and signs
- Indoor general-purpose mounting
- Decorative trim
- Nameplate and kickplate mounting

Storage and Shelf Life

Store under normal conditions of 60° to 80°F (15° to 26°C) and 40 to 60% R.H. in the original carton.To obtain best performance, use this product within 24 months from date of manufacture.

Information

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Trademarks

3M is a trademark of 3M Company.

Family Group

	VG516	VG532
Backing	White Kraft Liner	White Kraft Liner
Adhesive Type	Rubber Based	Rubber Based
Adhesive Carrier	Closed Cell Crosslinked Polyethylene Foam	Closed Cell Crosslinked Polyethylene Foam
Foam Color	White, Black	White, Black
Liner	White Kraft	White Kraft
Liner Color	White	White

ISO Statement

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.

