

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/in <sup>2</sup>			Type 170 to 250

**Available Sizes**

Property	Values		Notes
Standard Roll Length	65.8 m	72 yd	

Table continued on next page

**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**

**Technical Information:** The technical information, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any 3M or third party intellectual property rights is granted or implied with this information.

**Product Selection and Use:** Many factors beyond 3M’s control and uniquely within user’s knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer’s application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

**Warranty, Limited Remedy, and Disclaimer:** Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If a 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M’s option, replacement of the 3M product or refund of the purchase price.

**Limitation of Liability:** Except for the limited remedy stated above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.

**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.

