# **3M Vinyl Tape**4731

Technical Data				February, 2011
Product Description	3M <sup>TM</sup> Vinyl Tape 4731 is comprised of a conformable vinyl backing with a versatile rubber adhesive. It is available in a variety of colors to accommodate color coding, marking, identifying needs. The vinyl backing is abrasion resistant. The rubber adhesive attaches quickly and securely to many surfaces.			
<b>Product Construction</b>	Backing	Adhesive	Color	Standard Roll Length
	Pigmented vinyl	Rubber	Blue, Gray, Orange, Purple, White and Yellow	36 yds. (33 m)
	Custom widths and roll lengths available: Contact your authorized 3M distributor or 3M sales representative.			
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.  ASTM Test Method			
	Adhesion to Steel:		20 oz./in. width (22 N/100 mm)	D-3330
	Tensile Strength at Break:		17 lbs./in. width (300 N/100 mm)	D-3759
	Elongation at Break:		230%	D-3759
	Backing Thickness:		5.8 mils (0.15 mm)	D-3652
	Tape Thickness: Temperature Use Range:		7.0 mils (0.18 mm) Jp to 250°F (121°C)	D-3652
Features	Vinyl backing offers excellent abrasion, moisture, alkali, and acid resistance.			
	<ul> <li>Best results are attained when applied to a clean, dry surface not lower than 50°F (10°C).</li> </ul>			
	• Resists most common solvents, care should be taken to avoid ketones, chlorinated hydrocarbons and esters found in lacquers, thinners, degreasers, paint strippers, etc. which may cause the backing to swell or curl.			
	<ul> <li>Conformable around curves and over irregular shapes.</li> </ul>			
	• Vibrant colors.			
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• Flexibility in roll length and width.

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### **Application Ideas**

- Color coding, marking, and identifying.
- Industrial masking of flat or irregular surfaces.
- Sand blast or bead blast overspray protection.
- Sealing and protecting.
- General purpose maintenance tape.

# Storage

Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H. in the original carton.

#### **Shelf Life**

To obtain best performance, use this product within 18 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.

#### **Product Use**

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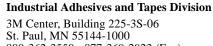
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This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2008 standards.





800-362-3550 • 877-369-2923 (Fax) www.3M.com/industrial

