3M Vinyl Tape 471+

Technical Data **September, 2008**

Product Description

3M™ Vinyl Tape 471+ is a conformable vinyl tape with a versatile rubber adhesive. The moderately translucent backing allows for accurate alignment in simple or complex patterns.

Product Construction

Backing	Adhesive	Color	Standard Roll Length
Vinyl	Rubber	Indigo	36 yds. (32.9 m)

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:	35 oz./in. width (38.3 N/100 mm)	D-3330
Tensile Strength:	13.9 lbs./in. width (243 N/100 mm)	D-3759
Elongation at Break:	191%	D-3759
Tape Thickness:	5.3 mils (0.13 mm)	D-3652
Temperature Use Range:	Up to 250°F (121°C) for 30 min.	

Features

- Produces a sharp, clean paint line for color separation.
- Narrow width availability and conformability allow 3M tape 471+ to define intricate patterns.
- Resists lifting from depressed areas or on irregular surfaces
- Withstands a bake cycle of 250°F (121°C) for 30 minutes and removes cleanly.
- Rubber adhesives adheres well to many surfaces.
- Vinyl backing is abrasion resistant.
- Moderately translucent backing allows proper alignment.
- Strong backing allows one piece removal.

3M™ Vinyl Tape

471+

Application Ideas

- Use for paint masking where a clean, sharp paint line is needed and temperature does not exceed 250°F (121°C). Applications could include truck, bus, aerospace, and heavy equipment painting as well as automotive collision repair.
- Backing conformability, moderate translucence and good adhesion are useful where complex patterns are being outlined such as RV manufacture and custom motorcycle and automotive shops.
- Use to protect adjacent surfaces in sanding operations.
- Use for abrasion resistance, sealing, color coding, and general purpose applications.

Storage

Store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton.

Shelf Life

To obtain best performance, use 3M™ Vinyl Tape 471+ 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.

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ISO 9001:2000

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Industrial Adhesives and Tapes Division
3M Center, Building 21-1W-10, 900 Bush Avenue
St. Paul, MN 55144-1000
800-362-3550 • 877-369-2923 (fax)
www.3M.com/industrial

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