

Technical data sheet



Product: 471

Manufacturer: 3M DEUTSCHLAND GMBH

Product group: KLEBEBAND

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VINYL TAPE 471+

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Tewipack Uhl GmbH
Industriestraße 15
D-75382 Althengstett

Telephone:
+49(0)7051/9297-0
Fax:
+49(0)7051/9297-99

E-Mail:
info@tewipack.de
Website:
www.tewipack.de

Managing director:
Alexander Uhl,
Michael Uhl
HRB 330424
Amtsgericht
Stuttgart

Bank details:
Sparkasse
Sindelfingen
Pforzheim
Calw
BLZ 666 500
85
Konto 17 787

Commerzbank
Sindelfingen
BLZ 603 400 71
Konto 8 001 166

Vereinigte
Volksbank AG
Böblingen
BLZ 603 900 00
Konto 80 089
003

Postbank
Stuttgart
BLZ 600 100
70
Konto 146
294 708

3M

Vinyl Tape

471+

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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