



Electroplating/Anodizing Tape

484

Technical Data

December, 2006

Product Description 3M™ Electroplating/Anodizing Tape 484 is a conformable and abrasion resistant vinyl tape for masking various surfaces during electroplating and anodizing operations.

Product Construction	Backing	Adhesive	Color	Standard Roll Length
	Transparent vinyl	Rubber	Tan	36 yds. (33 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:	20 oz./in. width (22 N/100 mm)	D-3330
Tensile Strength at Break:	20 lbs./in. width (350 N/100 mm)	D-3759
Elongation at Break:	220%	D-3759
Backing Thickness:	5.7 mils (0.14 mm)	D-3652
Total Tape Thickness:	7.2 mils (0.18 mm)	D-3652
Temperature Use Range:	Up to 170°F (77°C)	

Features

- Lower adhesion and unwind than 3M™ Electroplating Tape 470.
- Excellent resistance to most chemicals used in electroplating/anodizing operations.
- Prolonged exposure of tape to elevated temperatures (above 170°F/77°C) and hot caustics may cause weakening of the adhesive bond.
- Resists most common solvents, care should be taken to avoid ketones, chlorinated hydrocarbons, and esters, found in many lacquer thinners, degreasers, paint strippers, etc. which may cause the tape backing to swell or curl.

Application Ideas

- Mask various surfaces during electroplating and anodizing.

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Storage	Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H. in the original carton.
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Shelf Life	To obtain best performance, use this product within 18 months from date of manufacture.
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Product Use	All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.
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ISO 9001:2000

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.



Industrial Business Industrial Adhesives and Tapes Division

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