



# Electroplating/Anodizing Tape

## 484 • 484L

### Technical Data

February, 2010

#### Product Description

3M™ Electroplating/Anodizing Tape 484 is a conformable and abrasion resistant vinyl tape for masking various surfaces during electroplating and anodizing operations. A lined version, 484L, is available for die cutting and large part application.

#### Product Construction

Backing	Adhesive	Color	Standard Roll Length
Translucent vinyl	Rubber	Yellow brown	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:	22 oz./in. width (24 N/100 mm)	D-3330
Tensile Strength at Break:	23 lbs./in. width (402 N/100 mm)	D-3759
Elongation at Break:	220%	D-3759
Backing Thickness:	5.6 mils (0.14 mm)	D-3652
Total Tape Thickness:	6.7 mils (0.17 mm)	D-3652
Liner Thickness:	6.2 mils (0.16 mm)	D-3652
Temperature Use Range:	Up to 170°F (77°C)	

#### Features

- Excellent resistance to most chemicals used in electroplating/anodizing operations.
- Prolonged exposure of tape to elevated bath temperatures, including hot caustics, above 170°F (77°C) 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.
- Tape can be used at oven temperatures up to 220°F (104°C) for 30 minutes with clean removal.
- Lined version allows pieces to be custom cut to fit unique shapes. The liner also allows easy handling of 484 tape for large surface applications.

#### Application Ideas

- Mask various surfaces during electroplating and anodizing.

# 3M™ Electroplating/Anodizing Tape

484 • 484L

---

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

---

<b>Shelf Life</b>	To obtain best performance, use this product within 18 months from date of manufacture.
-------------------	---

---

<b>Technical Information</b>	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.
------------------------------	--

---

<b>Product Use</b>	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. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.
--------------------	--

---

<b>Warranty, Limited Remedy, and Disclaimer</b>	Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 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 OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the 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.
---	---

---

<b>Limitation of Liability</b>	Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.
--------------------------------	--

---

**ISO 9001:2000**

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



## Industrial Adhesives and Tapes Division

3M Center, Building 225-3S-06  
St. Paul, MN 55144-1000  
800-362-3550 • 877-369-2923 (Fax)  
www.3M.com/industrial



*Recycled Paper*  
40% pre-consumer  
10% post-consumer

3M is a trademark of 3M Company.  
Printed in U.S.A.  
©3M 2010 70-0709-5022-8 (2/10)

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

3M:

[764-1"x36yd-Black](#) [764-1"x36yd-Blue](#)