

3M Electroplating/Anodizing Tape 484 • 484L

Technical Data

May 2017

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.
- Can be certified to US Government Commercial Item Description Standard A-A 1689B, Type 1, Class 1.

Application Ideas

- Mask various surfaces during electroplating and anodizing.

3M™ Electroplating/Anodizing Tape

484 • 484L

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, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any 3M or third party intellectual property rights is granted or implied with this information.

Product Selection And Use 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. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

Warranty, Limited Remedy, and Disclaimer Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 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, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If a 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.

Limitation of Liability Except for the limited remedy stated above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.

ISO 9001

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

3M
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

3M is a trademark of 3M Company.
Printed in U.S.A.
©3M 2017 E 70-0709-5022-8 (5/17)

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Adhesive Tapes](#) category:

Click to view products by [3M](#) manufacturer:

Other Similar products are found below :

[56-YELLOW-34"X72YD](#) [00-021200-13972-7](#) [021200-64630](#) [60 TAPE \(1"\)](#) [62-GRAY-12"X36YD](#) [62-GRAY-1"X36YD](#) [69-1"X36YD](#) [764-1"x36yd-Red](#) [764-1"x36yd-White](#) [9500PC-3/4](#) [967454-1](#) [1181 19MM X 16,5 METERS](#) [130C-1X15FT](#) [E39-RS1-CA](#) [1900-48mm](#) [22-1/2X36YD](#) [88-SUPER-34X44FT](#) [890103N001](#) [2670](#) [96](#) [EVK-TA-TM047NBH01](#) [20-1"X60YDS](#) [2020-18mmx55m](#) [H150](#) [363](#) [3900-Blue](#) [3939-24mmx55m](#) [44-TAN-14"X90YD](#) [4504-34x18](#) [471-Trans-1"x36yd-Bulk](#) [5414 34X36](#) [35-Gray-1/2](#) [4008-12"X36YD](#) [4104-34"x18yd](#) [4116](#) [444-1"x36yd](#) [4466 1"](#) [4466W-1/2"x36yd](#) [4492B-12"x72yd](#) [4492B-1"x72yd](#) [4496W-12"x36yd](#) [4508-1"x36yd](#) [4516-3/8x36](#) [4726](#) [1/2"X36YD](#) [054007-43154](#) [054007-43152](#) [06149](#) [11-32-2857](#) [5419 1/2"](#) [56 TAPE \(1/2"\)](#)