

# 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.

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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.
Shelf Life	To obtain best performance, use this product within 18 months from date of manufacture.
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ISO 9001

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

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