



# High Performance Masking Tape

## 232

FOD# 1574  
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### Technical Data

January 1, 1999

*Supersedes September 1, 1998*

**Product Description** A high performance paper masking tape designed to be used in the medium temperature paint bake operation.

**Product Construction** Backing: A smooth crepe paper treated with a heat and solvent resistant saturant.  
Adhesive: A rubber adhesive designed as an ideal balance of properties.  
Color: Tan  
Standard Roll Length: 60 yds. (54.8m)

**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:	36 oz./in. width (39 N/100mm)	D-3330
Tensile Strength:	23 lbs./in. width (403 N/100mm)	D-3759
Elongation at Break:	8%	D-3759
Tape Thickness:	5.7 mils (0.14mm)	D-3652
Temperature Use Range:	Up to 250°F (121°C) for 1 hour Removes cleanly	

**General Information**

- The heat resistance of Tape 232 will generally allow it to function satisfactorily during bake cycles at 250°F (121°C) for up to one hour.
- Tape 232 should not be subjected to outdoor exposure or prolonged periods of sunlight. Tape may become very difficult to remove.
- Tape 232 can be qualified for PPP-T-42C, Type I (CID-A-A-883A).
- Tape 232 is manufactured in an ISO 9002 registered plant to meet worldwide quality standards.

**Shelf Life** To obtain best performance, use this product within one year from date of manufacture and store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton.

### Application Ideas

Tape 232 is an excellent paint masking tape. In addition, it is used throughout industry for holding, bundling, protecting and a vast number of other difficult jobs where a pressure-sensitive tape is needed.

### Features

<u>FEATURES</u>	<u>ADVANTAGES</u>	<u>BENEFITS</u>	
Rubber adhesive	Instant adhesion	Sticks easily/helps reduce labor	
	Good holding power	Resists lifting or curling/helps reduce rework	
	Adhesive transfer resistance	Clean removal/helps reduce labor	
	Controlled crepe paper backing	Smoothness	Excellent surface contact/very secure holding
		Thinness	Sharp paint line/quality paint job
		Dead stretch	Resists recover/helps eliminate rework
	Backing saturant	Conformability	Easy handling/helps reduce time involved
Solvent and moisture resistance		Reduces bleed-through/helps reduce rework	
Special backsize treatment	Easy tear	Better handling/helps reduce rework	
	Controlled unwind	Easy to use/helps reduce waste	

### Technical Information and Data

The technical information and data, recommendations, and other statements provided are based on tests or experience which 3M believes to be reliable, but the accuracy or completeness of such information is not guaranteed.

### Product Use

Please remember that many factors can affect the use and performance of a 3M product in a particular application. The materials to be bonded with the product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a 3M product. Given the variety of factors that can affect the use and performance of a 3M product, some of which 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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**Warranty and  
Limited Remedy**

The 3M product will be free from defects in material and manufacture for a period of one (1) year from the date of manufacture. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of application. If the 3M product is defective within the warranty period stated above, your exclusive remedy and 3M's sole obligation shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product.

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**Limitation of Liability**

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 contract, warranty, negligence, or strict liability.

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**ISO 9002**

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This Industrial Tape and Specialties Division product was manufactured under a 3M quality system registered to ISO 9002 standards.

**3M**

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