



# Paint Masking Tape

## 2311

FOD# 1580

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### Technical Data

January 1, 1999

*Supersedes September 1, 1998*

**Product Description** A high performance masking tape designed with excellent holding capability.

**Product Construction** Backing: A smooth crepe paper treated with a heat and solvent resistant saturant  
Adhesive: Rubber  
Color: Tan  
Standard Roll Length: 60 yds. (55m)

### 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:	34 oz./in. width (37 N/100mm)	D-3330
Tensile Strength:	24 lbs./in. width (420 N/100mm)	D-3759
Elongation at Break:	8%	D-3759
Tape Thickness:	6.2 mils (0.15mm)	D-3652
Temperature Use Range:	Up to 250°F (121°C) for 1 hour	

### General Information

1. This smooth masking tape embodies all the features that are desirable of a paint masking tape. Its thinness is particularly beneficial in reducing paint edge build-up.
2. This tape has excellent conformability and easy tear.
3. Tape 2311 can be used at bake temperatures up to 250°F (121°C) for one hour and removes without adhesive transfer from most surfaces.
4. The unique balance of adhesive and backing provides a high degree of resistance to tearing or slivering on removal.
5. Tape 2311 should not be subjected to outdoor exposure or to prolonged periods of sunlight. Tape may become very difficult to remove.
6. Tape 2311 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

This superior masking tape is designed specifically for the professional industrial painter. Tape 2311 is conformable, hugs curves and contours, goes on quickly and easily, sticks at a touch and stays put; every feature is perfectly balanced to give outstanding masking results. This product is well suited for paint masking on aircraft, trucks and boats.

### Features

<u>FEATURES</u>	<u>ADVANTAGES</u>	<u>BENEFITS</u>
Rubber adhesive	Instant adhesion	Sticks easily/allows fast application
	Excellent holding power	Resists lifting or curling/ helps minimize rework
	Superior adhesive transfer resistance	Clean removal/helps minimize labor required to remove transferred adhesive
	Controlled crepe paper backing	Smoothness
Controlled crepe paper backing	Thinness	Sharp paint line/quality paint job
	Dead stretch	Minimal recovery/helps reduce rework
	Conformability	Easy handling/allows fast application
	Backing saturant	Solvent and moisture resistance
Backing saturant	Easy tear	Excellent handling/helps reduce waste
	Sliver resistance	One piece removal/helps reduce labor
	Special backsize treatment	Controlled unwind
Special backsize treatment	Paint flaking resistance	Gives quality paint job/helps minimize rework

### 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.

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**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**

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



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