



Paint Masking Tape

2310M

FOD# 1579

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Technical Data

January 1, 1999

Supersedes September 1, 1998

Product Description A high temperature tape with high adhesion suitable for most paint masking applications.

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)
Available in metric dimensions (e.g., 24mm corresponds to 1 inch).

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 (40 N/100mm)	D-3330
Tensile Strength:	27 lbs./in. width (472 N/100mm)	D-3759
Elongation at Break:	10%	D-3759
Tape Thickness:	7.5 mils (0.190mm)	D-3652
Temperature Use Range:	Up to 325° F (163° C) for one hour	

- General Information**
1. This strong, smooth masking tape embodies all the features that are desirable of a paint masking tape.
 2. This tape has excellent conformability and easy tear.
 3. Tape 2310M can be used at bake temperatures up to 325° F (163° C) for one hour.
 4. The adhesive of 2310M has high shear strength on fiber board and paper surfaces.
 5. The unique balance of adhesive and backing provides a high degree of resistance to tearing or slivering on removal.
 6. Tape 2310M should not be subjected to outdoor exposure or prolonged periods of sunlight. Tape may become very difficult to remove.

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 use where high cure temperatures are required. Tape 2310M is conformable, hugs curves and contours, goes on quickly and easily, sticks at a touch and stays put. Tape 2310M produces an excellent finished paint line. Every feature is balanced to give outstanding masking results. This product is well suited for paint masking on automobiles, aircraft, trucks, buses, boats and low cure powder coating applications.

Features

<u>FEATURES</u>	<u>ADVANTAGES</u>	<u>BENEFITS</u>
Rubber adhesive	Instant adhesion	Sticks easily/allows fast application
	Good holding power	Resists lifting or curling/ helps reduce rework
	Superior adhesive transfer resistance	Clean removal/helps reduce labor
Controlled crepe paper backing	Smoothness	Good surface contact/ provides secure holding
	Dead stretch	Minimal recovery/helps reduce rework
	Conformability	Easy handling/helps minimize time involved
Backing saturant	Solvent and moisture resistance	Resists bleed-through/helps minimize rework
	Easy tear	Good handling/helps reduce waste
	Sliver resistance	Easy removal/reduces labor
Special backsize treatment	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.

**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.

Limitation of Liability

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