



High Temperature Masking Tape

236

FOD# 1576
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Technical Data

January 1, 1999

Supersedes September 1, 1998

Product Description A high performance paper masking tape designed with greater adhesive mass than typical masking tapes.

Product Construction Backing: A smooth crepe paper treated with a heat resistant saturant
Adhesive: A high adhesion heat resistant, pigmented, rubber-resin adhesive
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:	34 oz./in. width (37 N/100mm)	D-3330
Tensile Strength:	26 lbs./in. width (455 N/100mm)	D-3759
Elongation at Break:	9%	D-3759
Tape Thickness:	6.5 mils (0.17mm)	D-3652
Temperature Use Range:	Up to 250°F (121°C) for up to one hour	

- General Information**
1. The high adhesion makes this tape suitable for many holding, splicing and painting applications, particularly where the application surface is not smooth.
 2. The heat resistance of this construction makes it suitable for bake cycles up to 250°F (121°C) for up to one hour.
 3. Tape 236 should not be subjected to outdoor exposure. Tape may become very difficult to remove.
 4. Tape 236 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.

Scotch[®] High Temperature Masking Tape

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Application Ideas

Tape 236 is used in many general purpose masking operations where its slightly higher adhesion and slightly better heat resistance make it the preferred construction.

Features

<u>FEATURES</u>	<u>ADVANTAGES</u>	<u>BENEFITS</u>	
Blended rubber resin adhesive	Instant adhesion	Sticks easily/helps reduce labor	
	Good holding power	Resists lifting or curling/helps reduce labor	
	Superior adhesive transfer resistance	Clean removal/helps reduce labor	
	Good high temperature performance	Holds firmly yet removes cleanly	
	Controlled crepe	Smoothness	More surface contact/holds secure paper backing
		Thinness	Sharp paint line/quality paint job
		Dead stretch	Reduces recovery/helps reduce rework
Backing saturant	Conformability	Easy handling/helps reduce time involved	
	Solvent and moisture resistance	Reduced bleed-through/helps reduce rework	
	Easy tear	Handles easily/helps reduce waste	
Exclusive backsize treatment	Sliver resistance	One piece removal/helps reduce labor	
	Controlled unwind	Easy to use/helps reduce waste	
	Paint flaking resistance	Better quality paint job/helps reduce 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.

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



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