



Scotch™

High Temperature Masking Tape 2310M

Product Data Sheet

Updated : July 2000
Supersedes : October 1998

Product Description Scotch™ Tape 2310M is a chamois coloured smooth creped high temperature paper masking tape. This product is well suited for paint masking operations in the automotive market.

Applications Scotch™ Tape 2310M is designed specifically for uses where high cure temperatures are required. This superior masking tape is able to withstand temperatures of 160 °C for one hour. It provides also outstanding results in final repair applications.

Physical Properties
Not for specification purposes
(Calipers are nominal values)

Backing	Latex Saturated Smooth Creped Paper
Adhesive	Controlled Crosslinked Rubber Resin
Shelf Life	12 months from date of manufacture by 3M when properly stored in a clean dry place at 21°C & 50 % Relative Humidity.

Product Characteristics
Not for specification purposes

Thickness AFERA4006	0.180 mm
Adhesion to Steel AFERA4001	10 N/25mm
Tensile Strength AFERA4004	120 N/25mm
Elongation AFERA4005	10%
Temperature Performance	160°C Satisfactory performance and clean removal of Scotch™ Tape 2310M will be achieved at varying temperatures/time exposure on many substrates. Tests should be conducted to establish Scotch™ Tape 2310M performance parameters in your process conditions. The optimum level for product performance and easy removal is at 160°C for 60 minutes.

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Features/Advantages/ Benefits	Features	Advantages	Benefits
	Latex Saturated Heavy Weight Creped Paper Backing	Excellent Solvent Resistance and Water	Prevents Paint Bleed Through
		Smoothness	Reduces Finger Abrasion
		Easy Hand Tear	Good Handling
		Thinness	High Quality Paint Line
		Excellent Sliver Resistance	Easy Removal
		Excellent Conformability	Good Curve Masking
		Paint Flaking Resistance	Good Finished Surface
	Crosslinked Rubber Resin Adhesive	Instant Adhesion	Adheres Easily
		Very Good Holding Power	Resists Lifting
		Good Adhesive Transfer Resistance	Clean Removal

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Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations.



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