3M Masking Film 7300 Series

FOD#1670

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Technical Data				July 2000		
			Superc	edes September 1998		
Product Description	A high performance, high temperature gross masking film that is soft flexing for good drape and conformability. For OEM tutone, blackout, and repair painting of autos, trucks and fascia. Can be used from a dispenser in conjunction with masking tapes.					
Product Construction	Material: 2.0 mil soft polypropylene film Color: Translucent Standard Roll Length: 1500 ft (457 meter)					
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		
	Ma	achine Direction Tensile:	- 8.8 lbs./in. width (154 N/100mm)	D-3759		
	Cross Direction Tensile:		4.7 lbs./in. width (82 N/100mm)	D-3759		
	Elongation at Break:		600%	D-3759		
	Caliper (embossed thickness):		2.9 mils (74 micrometers)	D-3652		
	Guage:		2.0 mils (50 micrometers)	E-252		
	Temperature Use Range:		Up to 310⁰F (155⁰C)			
General Information	1.	1. 7300 Series masking film is ideal for protecting against bleed-through of solvents and paints and offers better protection than masking paper.				
	2.	7300 Series masking film will withstand bake cycles up to 310° F (155°C) for 1 hour.				
	3.	Special soft film offers good conformability and is easy to handle.				
	4.	Using 7300 Series masking film reduces contamination normally associated with fibrous paper products.				
	5.	Most paints have excellent adhesion to 7300 Series masking film.				
	6.	3M masking tapes have excellent adhesion to 7300 Series masking film. Tape and film can be dispensed together using existing apron tapers. Special cutting bars are available to facilitate easier cutting of film.				

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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	 Tutone paint masking for autos, trucks, buses, boats. OEM paint repair for automobiles and trucks. Fascia bumper masking, can withstand most powerwash pretreatments. Used where conformability is desired, such as masking curves and wrapping. Used for masking straight lines. Textured surface reduces cling. 					
Features	FEATURES	ADVANTAGES	BENEFITS			
	Special polypropylene film	Resists scratching of clear coat	Helps minimize rework			
		Excellent paint penetration resistance	Protection of substrate			
		Excellent paint flaking resistance	Clean paint room / helps reduce rejects			
		Excellent conformability	Easy masking of complex shapes			
		Easy cutting	Helps improve productivity			
	No release agents	Helps minimize contamination	Cleaner paint room			
		No ghosting	Help reduce rejects			
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.					

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



Industrial Tape and Specialties Division

3M Center, Building 220-7W-03 St. Paul, MN 55144-1000 USA 1 800.722.5463 1 800.223.7427 Fax On Demand www.3M.com

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