



# Masking Film

## 7300 Series

FOD#1670

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### Technical Data

July 2000

*Supersedes September 1998*

**Product Description** A high performance, high temperature gross masking film that is soft flexing for good drape and conformability. For OEM tune, 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.

		<b>ASTM TEST METHOD</b>
Machine 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 310°F (155°C)	

- General Information**
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.

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- 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.
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<b>Features</b>	<b>FEATURES</b>	<b>ADVANTAGES</b>	<b>BENEFITS</b>
	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

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**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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ISO 9002

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

# 3M

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