



High-temperature Fine Line Masking Tape

222

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Technical Data

September 1, 1998

Supersedes November 1, 1997

Product Description A high-temperature very thin film backed tape for the most critical paint breaklines.

Product Construction Backing: Polyester film
 Adhesive: An acrylic adhesive designed for good holding and paint seepage resistance
 Color: White
 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:	24 oz./in. width (26 N/100mm)	D-3330
Tensile Strength:	26 lbs./in. width (455 N/100mm)	D-3759
Elongation at Break:	127%	D-3759
Tape Thickness:	2.4 mils (0.06mm)	D-3652
Temperature Use Range:	Up to 325°F (163°C)	

- General Information**
1. Tape 222 offers excellent paint breaklines, leaving an extremely low paint ridge. This tape is capable of creating a paint line clean enough to leave uncovered on the finished vehicle. It also minimizes breakline read-through when used in conjunction with decorative stripes or graphics.
 2. Masking of curved or irregularly shaped surfaces may be accomplished by using die-cut parts made from Tape 222.
 3. The smooth backing on Tape 222 will allow taping over fresh paint jobs sooner with reduced chance of imprint damage.
 4. Tape 222 will perform well and remove cleanly with virtually all paint systems used in the automotive, truck and aircraft industries today.

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General Information (cont.)

1. Tape 222 will withstand bake cycles up to 325°F (163°C) for one hour. Good performance at higher temperatures may be obtained, depending upon the total time, temperature and surfaces masked.
2. Tape 222 should not be subjected to outdoor exposure or to prolonged periods of sunlight exposure. Tape may become very difficult to remove.
3. Tape 222 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.

Application Ideas

Tape 222 is ideal for paint masking where an extremely sharp two-tone paint breakline is needed, or where the paint ridge must be kept to an absolute minimum.

Features

<u>FEATURES</u>	<u>ADVANTAGES</u>	<u>BENEFITS</u>
Film backing	Thinness	Extremely sharp paint line
	Smoothness	Minimizes chance of imprint
	Solvent and moisture resistance	Helps prevent bleed-through
	Toughness	Removal with clean paint break-through/helps save labor, high quality
High temperature adhesive	Adhesive transfer resistance	Clean removal/helps reduce labor
	Instant adhesion	Adheres easily/helps reduce labor and minimizes rework
Special backsize treatment	Controlled unwind	Easy to use/helps reduce waste

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All physical properties, statements, and recommendations are either based on tests we believe to be reliable or our experience, but they are not guaranteed. 3M recommends each user determine the suitability of the masking paper, film or tape for the intended use.

Important Notice

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