



Polyethylene Tape (Clear)

3104

Technical Data

November, 1995

Product Description A polyethylene tape with a very low-tack adhesive system to help protect many polished metals, plastics and glass materials.

Construction	Backing	Adhesive	Colors	Standard Roll Size
	Low-density Polyethylene	Acrylic	Clear, White, Blue*	48 in. (1200 mm), 60 in. (1500 mm), 72 in (1800 mm), × 1000 ft. (304,8 m) to 5000 ft. (1524 m)

* Contact 3M for additional information on available colors.

Typical Physical Properties and Performance Characteristics **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 Polycarbonate:	1.3./in width (1.4N/100mm) normal D-3330
Tensile Strength: (Break or Yield)	2500 PSI/ 1.7 MPA. D-882
Elongation: (Break or Yield)	450% D-882
Total Tape Thickness:	3.0 mils (.08 mm) nominal D-3652

General Information Protective tape 3104 can help protect many polycarbonate, smooth plastics and mirror-finished metals as well as many high gloss surfaces. For optimum performance, 3M protective tapes should be applied and removed at a temperature not less than 60°F(16°C). Note: Avoid prolonged exposure to UV sunlight which may affect the performance of the tape.

Application Ideas May be applied in-line to extruded or calendered plastics.
Protection of...
• High-gloss coated metals.
• Glass CRT screens.
• Mirror-finish stainless steel or aluminum.

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Features	Advantages	Benefits
<ul style="list-style-type: none">• Very Low-Tack Adhesive• Transparent Backing• Abrasion Resistance• Proprietary Acrylic Adhesive	<ul style="list-style-type: none">• Easy removal• Allows visual inspection without tape removal• Resists tearing during forming• Ability to be applied in-line to many heated materials without adhesion build-up	<ul style="list-style-type: none">• Helps reduce labor costs• Helps save money on reworks• Helps reduce labor costs, rejects and scrap• Helps save money on reworks

For Additional Information

To request additional product information or to arrange for sales assistance, call toll free 1-800-624-4772. Address correspondence to : 3M/PolyMask, 500 Thornburg Dr., P.O. Box 309, Conover, NC 28613. Our fax number is 704-465-2404 in Canada, phone: 1-519-451-2500. in Puerto Rico, phone:1-809-750-3000. in Mexico. Phone: 5-728-0400.

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Industrial Tape and Specialties Division

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