



# Polyethylene Tape (Clear)

## 3105

### 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:	1.8./in width (2.0N/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 3105 can help protect many polished metals, plastics and glass materials with minimum adhesion build-up and clean removal removal. 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** Protection of...
- Specular anodized aluminum.
  - Bright annealed or polished steel sheets and coils.
  - Gloss high-pressure plastic laminates.
  - Mirrors and glass products.

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Features	Advantages	Benefits
<ul style="list-style-type: none"><li>• Low-Tack Adhesive</li></ul>	<ul style="list-style-type: none"><li>• Easy removal</li></ul>	<ul style="list-style-type: none"><li>• Helps reduce labor costs</li></ul>
<ul style="list-style-type: none"><li>• Transparent Backing</li></ul>	<ul style="list-style-type: none"><li>• Allows visual inspection without tape removal</li></ul>	<ul style="list-style-type: none"><li>• Helps save money on reworks</li></ul>
<ul style="list-style-type: none"><li>• Abrasion Resistant Backing</li></ul>	<ul style="list-style-type: none"><li>• Resists tearing during forming</li></ul>	<ul style="list-style-type: none"><li>• Helps reduce labor costs, rejects and reworks</li></ul>
<ul style="list-style-type: none"><li>• Minimal Adhesion Build-Up</li></ul>	<ul style="list-style-type: none"><li>• Easy removal</li></ul>	<ul style="list-style-type: none"><li>• Helps reduce labor costs</li></ul>

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## 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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**ISO 9002**

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This product was manufactured by PolyMask Corporation, a joint venture of 3M and Sealed Air Corporation, and sold by 3M.

# 3M

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