



Polyethylene Protective Tape

4187 (Clear)

Technical Data

August, 2004

Product Description

3M™ Polyethylene Protective Tape 4187 has a high-tack adhesive system to help provide temporary protection to a variety of materials that have textured surfaces.

Construction

Backing	Adhesive	Color	Standard Roll Sizes
Low-density polyethylene	Acrylic	Clear*	48 in. (1200 mm), 60 in. (1500 mm) and 72 in. (1800 mm) x 1000 ft. (304.8 m) to 3000 ft. (914.4 m)

*Contact your local 3M sales representative for additional information on available colors.

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.

	Nominal Results	ASTM Test Method
Adhesion to Steel: (oz./in. width)	13	D-3330
Tack Level:	High	
Tensile Strength: (Break or Yield)	2500 PSI / 1.7 MPA	D-882
Elongation: (Break or Yield)	450%	D-882
Total Tape Thickness:	4.0 mils (0.10 mm)	D-3652

Features

- Transparent backing allows visual inspection without tape removal to help save money on reworks.
- Acrylic adhesive is non-staining and non-corrosive for clean removal.

Application Ideas

- Plastics – molded, acrylic, fiberglass, spas, hot tubs and fiberglass; matte high-pressure laminates.
- General – cultured marble, woodgrain vinyl laminates, brushed and anodized aluminum, matte finished stainless steel and screen-printed polycarbonate.

Application Techniques

For optimum performance, this tape should be applied and removed at a temperature not less than 60°F (16°C) and avoid prolonged exposure to direct sunlight for extended periods which may affect the performance of the tape and cause adhesive residue.

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Storage Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H. in the original carton.

Shelf Life To obtain best performance, use this product within 12 months from date of manufacture.

For Additional Information To request additional product information or to arrange for sales assistance, call toll free 1-800-241-2031 or 828-465-3053. Address correspondence to: 3M/PolyMask, 500 Thornburg Dr., P.O. Box 309, Conover, NC 28613. Our fax number is 1-800-672-3038 or 828-465-2404.

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ISO 9001:2000

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Industrial Adhesives and Tapes Division**

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