



# Polyethylene Protective Tape

## 4167 (Clear)

Technical Data

August, 2004

### Product Description

3M™ Polyethylene Protective Tape 4167 has a very high-tack adhesive system designed to help provide temporary protection of vinyl, and high-pressure matte laminates, textured plastics and can be applied to a variety of substrates which have a coarse, granular texture.

### Construction

Backing	Adhesive	Color	Standard Roll Sizes
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)	18	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 reduce reworks.
- Not designed for use on polished metals.

### Application Ideas

- Automotive – door panels and dashes.
- Plastics – high-pressure laminates, matte and molded plastic materials with an irregular surface.
- General – nameplates: matte screenprinted and plastic; textured decorative and woodgrain laminates and vinyl.

### 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.

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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.

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

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**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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**Industrial Business  
Industrial Adhesives and Tapes Division**

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