



Polyethylene Protective Tape

8179 (Clear)

Technical Data

August, 2004

Product Description 3M™ Polyethylene Protective Tape 8179 has a very high-tack adhesive system to help provide temporary protection for many dissimilar metals, automotive carpeting, carpeted door panels and plastic scuff plates.

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)

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)	15	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:	8.0 mils (0.20 mm)	D-3652

Features

- High-coating weight which will wet out most surfaces with low contact area to help decrease rework.

Application Ideas

- Automotive – plastic, textured kick and scuff plates, carpeted door panels and carpeting.
- Metals – dissimilar metals.

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 UV sunlight and water which may result in adhesive transfer.

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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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**Industrial Business
Industrial Adhesives and Tapes Division**

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