



# Polyethylene Protective Tape

## 5188 (Clear)

Technical Data

October, 2004

**Product Description** 3M™ Polyethylene Protective Tape 5188 has a high-tack adhesive system to help provide temporary protection of many textured metals and fine matte plastic materials.

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)	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:	5.0 mils (0.13 mm)	D-3652

**Features**

- Transparent backing allows visual inspection without tape removal to help reduce reworks.

**Application Ideas**

- Automotive – door panels, dashes, plastic textured kick and scuff plates.
- Graphic Arts – matte and polished polycarbonate.
- Plastics – non-skid HDPE, textured plastics, sheeting: polished polycarbonate, polyester and acrylic.
- General – cultured marble, fine matte high-pressure laminates, lightly brushed aluminum and stainless.

**Application Techniques** For optimum performance, this tape should be applied and removed at a temperature not less than 60°F (16°C) and is not designed for prolonged exposure to direct sunlight for extended periods which may affect the performance of the tape. Avoid prolonged exposure to water which may increase chances of 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.

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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**

3M Center, Building 21-1W-10, 900 Bush Avenue  
St. Paul, MN 55144-1000  
[www.3M.com/protectivetapes](http://www.3M.com/protectivetapes)



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