



Polyethylene Protective Tape

5112 (Clear)

Technical Data

March, 2007

Product Description

3M™ Polyethylene Protective Tape 5112 has a low-tack adhesive system to help provide temporary protection in *general industrial applications* for many polished metals, plastics, glass materials and for many material surfaces that are susceptible to damage caused by abrasion and marring. Since the film may contain small scratches, gels and wrinkles and a slight amount of haziness or visible adhesive coating pattern may be present, it is not recommended for some plastic lens, or similar applications which do not allow such visual imperfections.

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)	3	D-3330
Tack Level:	Low	
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

- Metals – 430 bright annealed stainless steel and anodized bright specular aluminum.
- Architectural Panels and Garage Doors – smooth and painted-gloss.
- General – automotive parts, paint mutilization, tail lights, lens covers and window glass.

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.

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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: PolyMask, a 3M company, 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

This product was manufactured under a quality system registered to ISO 9001:2000 standards by PolyMask Corporation, a 3M company.



**Industrial Business
Industrial Adhesives and Tapes Division**

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