



Polyester Protective Tape

1614

Technical Data

August, 2004

Product Description 3M™ Polyester Protective Tape 1614 is a polyester tape with a low-tack adhesive system for temporary surface protection.

Construction	Backing	Adhesive	Color	Standard Roll Length
	Polyester film	Acrylic	Clear	48 in. (1200 mm) x 1000 ft. (304.8 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.**

		ASTM Test Method
Adhesion to Steel:	1 oz./in. width (1 N/100 mm) nominal	D-3330
Tensile Strength: (Break)	24 lbs./in. width (420 N/100 mm)	D-3759
Elongation: (Break)	88%	D-3759
Total Tape Thickness:	1.3 mils (0.03 mm) nominal	D-3652
Service Temperature:	300°F (150°C) maximum	

Features

- Low-tack adhesive removes cleanly after exposure to temperatures up to 300°F (150°C) and is non-staining which helps eliminate the need to rework parts.
- Transparent backing allows visual inspection without tape removal.
- Abrasion resistant backing prevents tearing that can occur during the forming process.

Application Ideas

- Automotive – plastic interior trim.
- Graphic Arts – plastic and polished polycarbonate.
- Plastic – gloss high-pressure laminates; sheeting: polished polycarbonate, polyester and acrylic.
- Metal – instrument panels, non-metallic surfaces, polished stainless steel and aluminum.

General Information

- Tape can help protect many polished metal and glass surfaces with minimum adhesion build-up and clean removal. Performance is enhanced by clean surfaces prior to tape application. For optimum performance, this tape should be applied and removed at a temperature not less than 60°F (16°C).
- Polyester film backing offers good optical clarity and heat resistance.

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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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