



# Polyethylene Protective Tape

## 2E97C (Clear)

Technical Data

December, 2007

**Product Description** 3M™ Polyethylene Protective Tape 2E97C is a clear co-extruded multi-polymer film coated with a very high-tack acrylic adhesive system designed especially to help provide temporary protection of automotive carpets, fabric interiors and carpeted door panels.

Product Construction	Backing	Adhesive	Color	Standard Roll Size
	Co-extruded multi-polymer	High-tack acrylic	Clear	21 in. (533.4 mm) 24 in., (609.6 mm), 36 in. (914.4 mm) x 150 ft. (45.7 mm), 500 ft. (152.4 m), 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.**

	Nominal Results	ASTM Test Method
Adhesion to Steel: (oz./in. width)	35	D-3330
Tack Level:	Very High	
Tensile Strength: (Break or Yield)	4500 PSI / 3.1 MPA	D-882, D-3759
Elongation: (Break or Yield)	600%	D-882, D-3759
Total Tape Thickness:	2.8 mils (0.07 mm)	D-3652

### Features

- Lies flat and creates a secure bond while still allowing for removability without tearing or slivering.
- Recommended for temporary protection of carpet and fabric made from synthetic fibers. For use on natural or wood fibers, users should determine if suitable for specific application.
- Not intended for use on wet or damp surfaces, including surfaces recently installed with wet adhesives.

### Application Ideas

- Automotive – carpet interiors (treated), floors and door panels and fabric seats and headliners (treated).
- Fabrics (treated) – not recommended for delicate fabrics.

# 3M™ Polyethylene Protective Tape

2E97C (Clear)

---

**Application Techniques** Various temperature and traffic conditions will affect the performance of the tape. It is essential for the user to evaluate and determine whether the tape is fit for a particular use and avoid prolonged exposure to direct UV sunlight and moisture.

Concrete subfloors must be pretested for moisture vapor emissions prior to adhesive installations since drying/curing conditions may not be sufficient to prevent entrapped moisture vapor from the floor to pass through to the carpet's surface and interact with the protective tape, possibly, causing adhesive residue and carpet discoloration. Generally available guidelines indicate that an emissions rate of less than 3.0 lbs. over 1000 sq. ft. is acceptable unless specified otherwise by carpet manufacturer.

Obtain carpet manufacturers instructions on moisture levels in concrete before proceeding with applying pads or wet adhesives. Follow wet adhesive manufacturer's instructions to provide adequate ventilation and drying time prior to installing the carpet. Generally available guidelines indicate that fresh air ventilation must be maintained at 48-72 hours at 65-95°F (18-35°C) @ a maximum of 65% relative humidity.

Do not use protective tape over carpet or pads that have been installed with the requirement that the adhesive still be wet.

It is generally suggested that protective tapes not be applied to the carpet until moisture testing of concrete floors is within the carpet manufacturer's guidelines, the wet adhesive has been allowed to dry and the carpet has been installed for at least two weeks with adequate ventilation per guidelines suggested.

---

**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.

# 3M™ Polyethylene Protective Tape

2E97C (Clear)

---

## 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.

---

## Product Use

All statements, technical information and recommendations contained in this document are based upon tests or experience that PolyMask Corporation and 3M believe are reliable. However, many factors beyond the control of PolyMask Corporation and 3M can affect the use and performance of a PolyMask Corporation and 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the PolyMask Corporation and 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

---

## Warranty and Limited Remedy

Unless stated otherwise in other product literature, packaging inserts or product packaging for individual products, PolyMask Corporation and 3M warrants that each PolyMask Corporation and 3M product meets the applicable specifications at the time PolyMask Corporation and 3M ships the product. Individual products may have additional or different warranties as stated on product literature, package inserts or product packages. **POLYMASK CORPORATION AND 3M COMPANY MAKE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE.** User is responsible for determining whether the PolyMask Corporation and 3M product is fit for a particular purpose and suitable for user's application. If the PolyMask Corporation and 3M product is defective within the warranty period, your exclusive remedy and PolyMask Corporation and 3M's sole obligation will be, at PolyMask Corporation and 3M's option, to replace the product or refund the purchase price.

---

## Limitation of Liability

Except where prohibited by law, 3M Company and PolyMask Corporation, will not be liable for any loss or damage arising from the PolyMask Corporation and 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

---

**ISO 9001:2000**

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



### Industrial Adhesives and Tapes Division

3M Center, Building 21-1W-10, 900 Bush Avenue  
St. Paul, MN 55144-1000  
www.3M.com/protectivetapes



*Recycled Paper*  
40% pre-consumer  
10% post-consumer

PolyMask Corporation is a 3M Company.  
3M is a trademark of 3M Company.  
Printed in U.S.A.  
©3M 2007 70-0711-0196-1 (12/07)