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Commercial Carpet Protective Tape

PT2E97CP (Clear/Printed)

Technical Data

March, 2009

Product Description 3M™ Commercial Carpet Protective Tape PT2E97CP is a clear co-extruded multi-polymer film coated with a very high-tack acrylic adhesive system and printed with product related instructional information. It is designed especially to provide temporary protection of carpet and fabric for industrial and commercial interiors.

Product Construction	Backing	Adhesive	Color	Standard Roll Size
	Co-extruded multi-polymer	High-tack acrylic	Clear/Printed	24 in. x 200 ft. (609.6 mm x 61 m) 36 in. x 200 ft. (914.4 mm x 61 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:	High	
Tensile Strength: (Break or Yield)	4500 PSI / 3.1 MPA	D-882**
Elongation: (Break or Yield)	600%	D-882**
Total Tape Thickness:	2.8 mils (0.07 mm)	D-3652**

**ASTM test references modified per internal test methods.

- 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.
 - When used for heavy traffic conditions, remove after one week; for moderate traffic conditions, remove after two weeks and for light traffic remove after three weeks. For critical information on application guidelines, please refer to 3M EZ Unwind Protective Carpet Flyer (70-0709-5131-7).

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Application Ideas

- Commercial and Industrial Buildings – for treated carpeted and fabric interiors.
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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.

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Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.



Industrial Adhesives and Tapes Division

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