



Protective Carpet Tapes

2E93-EZ • 2E95-EZ

Technical Data

April, 2004

Product Description

3M™ Protective Carpet Tapes 2E93-EZ and 2E95-EZ are easy (EZ) unwind tapes made from a co-extruded multi-polymer backing coated with a high-tack acrylic adhesive to help provide temporary protection for carpet and fabric interiors.

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 m), 500 ft. (152.4 m), 1000 ft. (304.8 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)	3M tape 2E93-EZ 25	3M tape 2E95-EZ 35	D-3330
Tack Level:	Very High	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:	2.5 mils (0.06 mm)	2.8 mils (0.07 mm)	D-3652

Features

- The high-tack adhesive unwinds easily, lies flat, and creates a secure, non-slip bond.
- Recommended for temporary protection of carpet and fabric made from synthetic fibers. For use on natural or wood fibers, user should determine if suitable for specific application.
- Not intended for use on wet or damp surfaces including surfaces recently installed with wet adhesive.
- When used for heavy traffic conditions, remove tape after one week; for moderate traffic 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 Tape flyer (70-0709-5131-7).

Application Ideas

- Industrial, Commercial and Residential Buildings – for non-treated carpets use 3M tape 2E93-EZ; for treated carpets use 3M tape 2E95-EZ.
- Automotive – for treated carpeted interiors and fabric seats use 3M tape 2E95-EZ; for headliners use 3M tape 2E93-EZ.
- RV - for treated carpeted and fabric interiors use 3M tape 2E95-EZ.

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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 a 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 the 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 for 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 floor 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 these products 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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ISO 9001:2000

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