



# Industrial Polyethylene Temporary Surface Protection Tape 31825

## Technical Data

August, 2013

**Product Description** 3M™ Industrial Polyethylene Temporary Surface Protection Tape 31825 is a low adhesion temporary protection tape designed for a variety of surface protection applications.

Product Construction	Backing	Adhesive	Color	Standard Roll Sizes
	Polyethylene	Acrylic-Based	Clear*	Custom

\*Contact your local 3M representative for additional information on 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:	5 oz./in. width (5.5 N/100 mm)	D-3330**
Tensile:	2500 PSI	D-882**
Elongation:	450%	D-882**
Total Tape Thickness	3.0 mils (0.08 mm)	D-3652**

\*\*ASTM test references modified per internal test methods.

## Features

- Effective in many outdoor applications for up to 3 days.
- Surface protection against dust, dirt and moderate abrasion encountered in handling, shipping and storage.
- Transparent backing with 3M proprietary adhesive works for a wide variety of applications, offering excellent contact clarity, quick adhesion, repositionable and smooth removal
- Good conformability for hand and machine applied applications.
- Backing designed for good stamping and die cutting.

## Application Ideas

- **General** – smooth semi-gloss cultured marble, high pressure laminates.
- **Metals** – 2B #3 and #4 finish stainless steel.
- **Painted** – smooth semi-gloss.
- **Painted** – lightly textured high-gloss.
- **Plastics** – smooth semi-gloss.
- **Plastics** – lightly textured high-gloss.

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### Application / Removal Techniques

- For optimum performance, 3M Temporary Surface Protection Tapes should be applied and removed at a temperature not less than 60°F (16°C).
- Surfaces should be dry and free from dirt, oil and other contaminants when tape is applied.
- Protective tape should be removed gradually beginning from one edge with a smooth even motion.

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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.

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### Shelf Life

To obtain best performance, use this product 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, 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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### 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.

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### 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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**ISO 9001**

This product was manufactured under a quality system registered to ISO 9001 standards by 3M Company.

### Industrial Adhesives and Tapes Division

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