



Co-Extruded Multi-Polymer Protective Tape

2A87

FOD# 1439

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Technical Data

September 3, 1998

Product Description A co-extruded, multi-polymer protective tape with a high-tack adhesive system.

Construction	Backing	Adhesive	Colors	Standard Roll Size
	Multi-polymer*	Acrylic	Clear**	48 in. (1200 mm), 60 in. (1500 mm), 72 in. (1800 mm) x 1000 ft. (304,8 m) to 5000 ft. (1524 m)

*Resins used in the construction of the film backing are proprietary.

**Contact your local 3M representative for additional information on available colors.

Typical Physical Properties and Performance Characteristics

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

		ASTM Method
Adhesion to Steel:	13 oz./in. width (14.3 N/100 mm) nominal	D-3330
Tensile Strength: (Break or Yield)	4500 PSI / 3.1 MPA	D-882
Elongation: (Break or Yield)	600%	D-882
Total Tape Thickness:	2.0 mils (.05 mm) nominal	D-3652

General Information

- Tape is designed to provide a unique combination of physical properties for a variety of surface protection applications. For optimum performance, this tape should be applied and removed at a temperature not less than 60°F (16°C).

Note: Avoid prolonged exposure to direct UV sunlight and water which may result in adhesive transfer.

Application Ideas

Protection of...

- Matte decorative and vinyl laminates.
- Brushed, anodized aluminum.
- Matte, plastic, screen printed nameplates.
- Bronzed finish, painted architectural building panels.

Application Ideas cont.	Features	Advantages	Benefits
	<ul style="list-style-type: none">• High-tack adhesive	<ul style="list-style-type: none">• Will not lift after application to most textured surfaces with limited contact area	<ul style="list-style-type: none">• Helps reduce reworks
	<ul style="list-style-type: none">• Acrylic adhesive	<ul style="list-style-type: none">• Noncorrosive, non-staining stable performance• Clean removal	<ul style="list-style-type: none">• Helps reduce labor costs
	<ul style="list-style-type: none">• Heat resistance	<ul style="list-style-type: none">• Will withstand temperatures up to approximately 210°F (99°C)	<ul style="list-style-type: none">• Helps reduce reworks
	<ul style="list-style-type: none">• Enhanced conformability	<ul style="list-style-type: none">• Conforms to many products which are subjected to severe forming or fabrication	<ul style="list-style-type: none">• Helps reduce reworks
	<ul style="list-style-type: none">• Increased elongation	<ul style="list-style-type: none">• Greater break strength provides easier removability without tearing or slivering	<ul style="list-style-type: none">• Helps reduce labor costs

Technical Data All physical properties, statements, and recommendations are either based on tests we believe to be reliable or our experience, but they are not guaranteed. 3M recommends each user determine the suitability of the masking paper, film or tape for the intended use.

For Additional Information To request additional product information or to arrange for sales assistance, call toll free 1-800-241-2031. Address correspondence to: 3M, 500 Thornburg Dr., P.O. Box 309, Conover, NC 28613. Our fax number is 704-465-2404.

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ISO 9001/QS 9000

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Industrial Tape and Specialties Division

3M Center, Building 220-7W-03
St. Paul, MN 55144-1000