

3M Co-Extruded Multi-Polymer Tape (Clear)

2A05

FOD# 1441

page 1 of 2

Technical Data

September 3, 1998

Product Description A co-extruded, multi-polymer protective tape with a low-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 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:	2.1 oz./in. width (2.2 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 engineered to provide a unique combination of physical properties for a variety of surface protection applications. For optimum performance, 3M™ Protective Tapes should be applied and removed at a temperature not less than 60°F (16°C). Avoid prolonged exposure to direct UV sunlight which may affect the performance of the tape.

Application Ideas

Protection of...

- Specular anodized aluminum.
- Bright polished stainless.
- Gloss decorative laminates.
- Painted, gloss finish metal architectural building panels.
- Protection of smooth acrylic sheet and film.

Application Ideas cont.

Features	Advantages	Benefits
<ul style="list-style-type: none">• Low-tack adhesive	<ul style="list-style-type: none">• Easy removal	<ul style="list-style-type: none">• Helps reduce labor costs
<ul style="list-style-type: none">• Acrylic adhesive	<ul style="list-style-type: none">• Non-corrosive, 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 160°F (71°C), approximately 30°F (0°C) higher than many typical conventional 3 mil LDPE tapes.	<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 break strength	<ul style="list-style-type: none">• Excellent break strength provides easy removability without tearing or slivering	<ul style="list-style-type: none">• Helps reduce labor costs

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

This product was manufactured under a quality system registered to ISO 9001/QS 9000 standards by PolyMask Corporation, a joint venture of 3M and Sealed Air Corporation, and is marketed and sold by 3M.



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