



# Co-Extruded Multi-Polymer Protective Tapes

2A87 • 2A88 • 2A89

Technical Data

April, 2004

**Product Description** 3M™ Co-Extruded Multi-Polymer Protective Tapes 2A87, 2A88 and 2A89 have a high-tack adhesive system to help provide temporary protection for a variety of surface protection applications.

Product 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

**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 2A87 14	3M tapes 2A88 & 2A89 15	D-3330
Tack Level:	High	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:	2.0 mils (0.05 mm)		D-3652

## Features

- High-tack adhesive that will not lift after application to many textured surfaces with limited contact area to help reduce reworks.
- Acrylic adhesive is non-corrosive, non-staining for stable performance and clean removal to help reduce labor costs.
- Heat resistant to withstand temperatures up to approximately 160°F (71°C), approximately 30°F higher than many typical conventional 3-mil LDPE tapes.
- Enhanced conformability to many products which are subjected to severe forming or fabrication to help reduce reworks.
- Increased elongation for greater break strength which provides easier removability without tearing or slivering to help reduce labor costs.

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<b>Application Ideas</b>	<b>3M™ Co-Extruded Multi-Polymer Protective Tape 2A87</b>	<b>3M™ Co-Extruded Multi-Polymer Protective Tape 2A88</b>	<b>3M™ Co-Extruded Multi-Polymer Protective Tape 2A89</b>
	<ul style="list-style-type: none"><li>• Metals – aluminum: painted, bronzed, brushed and anodized.</li><li>• Architectural Panels and Garage Doors – bronzed finish painted aluminum and embossed painted-flat.</li><li>• General – matte decorative and vinyl laminates; matte, plastic, screen printed nameplates.</li></ul>	<ul style="list-style-type: none"><li>• Automotive – plastic textured kick and scuff plates.</li><li>• General – matte decorative and vinyl laminates; prefabricated windows upon application during construction from plastering and painting; brushed and anodized aluminum; matte, plastic, screen printed nameplates.</li></ul>	<ul style="list-style-type: none"><li>• General – matte decorative and vinyl laminates; brushed and anodized aluminum; matte, plastic, screen printed nameplates.</li></ul>

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<b>Application Techniques</b>	For optimum performance, this tape should be applied and removed at a temperature not less than 60°F (16°C) and avoid prolonged exposure to direct UV sunlight and water which may affect the performance of the tape.		
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<b>Storage</b>	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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<b>Shelf Life</b>	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/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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### Industrial Business Industrial Adhesives and Tapes Division

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