



# Co-Extruded Multi-Polymer Tape (Clear)

## 2A12

FOD# 1565

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Technical Data

March 1, 1999

*Supersedes December, 1996*

**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:	4.5 oz./in. width (5 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

2A12 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.

### Application Ideas

Protection of...

- Painted, gloss finish architectural building panels.
- Bright, semispecular anodized aluminum.
- Glass window panels and CRT screens.
- Extruded, painted urethane moldings.
- Smooth acrylic sheet and film.
- Automotive trim.

Application Ideas cont.	Features	Advantages	Benefits
	<ul style="list-style-type: none"><li>• Low-tack adhesive</li></ul>	<ul style="list-style-type: none"><li>• Easy removal</li></ul>	<ul style="list-style-type: none"><li>• Helps reduce labor costs</li></ul>
	<ul style="list-style-type: none"><li>• Acrylic adhesive</li></ul>	<ul style="list-style-type: none"><li>• Noncorrosive, nonstaining, stable performance</li><li>• Clean removal</li></ul>	<ul style="list-style-type: none"><li>• Helps reduce labor costs</li></ul>
	<ul style="list-style-type: none"><li>• Heat resistance</li></ul>	<ul style="list-style-type: none"><li>• Will withstand temperatures up to 160°F (71°C), approximately 30°F higher than conventional 3 mil LDPE tapes</li></ul>	<ul style="list-style-type: none"><li>• Helps reduce reworks</li></ul>
	<ul style="list-style-type: none"><li>• Enhanced conformability</li></ul>	<ul style="list-style-type: none"><li>• Conforms to products which are subjected to severe forming or fabrication</li></ul>	<ul style="list-style-type: none"><li>• Helps reduce reworks</li></ul>
	<ul style="list-style-type: none"><li>• Increased break strength</li></ul>	<ul style="list-style-type: none"><li>• Easier removability without tearing or slivering</li></ul>	<ul style="list-style-type: none"><li>• Helps reduce labor costs</li></ul>
	<ul style="list-style-type: none"><li>• Low-tack adhesive</li></ul>	<ul style="list-style-type: none"><li>• Easy removal</li></ul>	<ul style="list-style-type: none"><li>• Helps reduce costs</li></ul>

### 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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