



Metalized Splicing Tape

630

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Technical Data

July, 1995

Product Description A non-removable, metalized synthetic backing with a special high-tack pressure sensitive adhesive for use in splicing applications..

Construction	Backing	Adhesive	Color	Standard Roll Length
	Polyester	Rubber	Silver	2 in. × 36 yds. (50 mm × 33m)

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 Test Method
Adhesion to Steel:	100 + oz. In. width (109 + N/100 mm)	D-3330
Tensile Strength at break:	29 lbs./in. width (508 N/100 mm)	D-3759
Elongation at Break:	120%	D-3759
Backing Thickness:	1.0 mils (0.025 mm)	D-3652
Total Tape Thickness:	2.5 mils (0.065 mm)	D-3652

General Information

- The shelf life for 630 tape is 18 months from the date of manufacture when stored in a clean, dry environment between 60-80 °F (15-27 °C) and 40-50% relative humidity.
- Best results are attained when applied to clean, dry surfaces between 60-80°F (15-27 °C).

Application Ideas

- Where splices may need to be detected and/ or removed by means of metal, optical or visual detection equipment.

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Features	Advantages	Benefits
<ul style="list-style-type: none">• Metalized polyester	<ul style="list-style-type: none">• Abrasion, chemical and thermal resistant• Detachable splices• Reflective	<ul style="list-style-type: none">• Resists failures from backing breakdown or shrinkage• Allows for automated splice removal• Allows for heat reflection
<ul style="list-style-type: none">• Adhesive	<ul style="list-style-type: none">• Aggressive adhesion• Immediate adhesion• Adhesive thickness• No additional holding means required	<ul style="list-style-type: none">• Adheres to many difficult-to-stick-to surfaces• Easy to apply, helps increase productivity• Allows adhesion to many irregular surfaces• Helps reduce labor costs

For Additional Information

To request additional product information or to arrange for sales assistance, call toll free 1-800-227-5085. Address correspondence to : 3M Industrial Tape and Specialties Division, 3M Center, Building 220-7E-01, St. Paul, MN 55144-1000. Our fax number is 612-733-5412. In Canada, phone: 1-519-451-2500. In Puerto Rico, phone: 1-809-750-3000. In Mexico, phone: 5-728-0400.

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ISO 9002

This Industrial Tape and Specialties Division product was manufactured under a 3M quality system registered to ISO 9002 standards.



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