



# Metalized Splicing Tape

## 630

Technical Data

May, 2010

**Product Description** 3M™ Metalized Splicing Tape 630 has a non-removable, metalized synthetic backing with a special high-tack pressure sensitive adhesive for use in a variety of splicing applications.

Product Construction	Backing	Adhesive	Color	Standard Roll Length	Standard Roll Widths
	Polyester	Rubber	Silver	36 yds. (33 m)	1 in., 2 in. (25 mm, 50 mm)

**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.**

		ASTM Test Method
Adhesion to Steel:	100 oz./in. width (109 N/100 mm)	D-3330
Tensile Strength at Break:	32 lbs./in. width (560 N/100 mm)	D-3759
Elongation at Break:	110%	D-3759
Backing Thickness:	1.0 mil (0.025 mm)	D-3652
Total Tape Thickness:	2.5 mils (0.063 mm)	D-3652
Temperature Use Range:	-40°F to 300°F (-40°C to 150°C)	
Application Temperature Range:	Best results when applied to a clean, dry, surface between 60-80°F (16-27°C)	
Water Vapor Transmission Rate:	2.1 gms. H <sub>2</sub> O/24 hrs/m <sup>2</sup>	3033

- Features**
- Metalized polyester is stretch resistant to improve web/splice performance.
  - Detachable splices allow for automated splice removal system.
  - Aggressive adhesive sticks well to many substrates.

- Application Ideas**
- Applications where splices may need to be detected and/or removed by means of metal or optical detection equipment.
  - Decorating and Identifying.

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**Storage** Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 50% R.H. in the original carton.

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**Shelf Life** To obtain best performance, use this product within 18 months from date of manufacture.

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**Technical Information** The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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**ISO 9001:2000**

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**Industrial Adhesives and Tapes Division**

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