

3M Polyester Tape 8429

Technical Data

March 2017

Product Description 3M™ Polyester Tape 8429 is a yellow splicing tape featuring a strong polyester backing that resists breakage in high tension applications. It features an aggressive, versatile rubber adhesive that is both solvent and chemical resistant. Designed for splicing of photographic film processing,

Product Construction	Backing	Adhesive	Color	Standard Roll Length
	Polyester	Rubber	Yellow	72 yds. (66 m)

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:	58 oz./in. width (64 N/100 mm)	D-3330
Tensile Strength at Break:	60 lbs./in. width (1050 N/100 mm)	D-3759
Elongation at Break:	130%	D-3759
Backing Thickness:	2.0 mils (0.05 mm)	D-3652
Total Tape Thickness:	3.2 mils (0.08 mm)	D-3652
Temperature Use Range:	-60F (-50C) to 300°F (149°C)	

Features

- Polyester backing is strong to resist breakage in high tension application.
- Backing thickness also provides additional abrasion protection compared to thinner tapes.
- Yellow backing is used to easily identify splices
- Aggressive rubber adhesive grabs quickly and adheres well to a variety of films.
- Excellent solvent and chemical resistance.
- Prolonged exposure to sunlight or hot caustics will cause to become brittle and lose tensile strength.
- Remains flexible at -60°F (-50°C) and is dimensionally stable up to 300°F (150°C)

3M™ Polyester Tape

8429

Application Ideas	<ul style="list-style-type: none">• Splicing of most photographic film through the chemical developing process.• General wide web splicing, including butt splicing and core starting• Separation of dissimilar metals.• Sealing, color-coding, protecting and edging where a higher tack rubber adhesive is needed.• Defect marking.• Repairing and reinforcing in web processing.
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Storage	Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H. in the original packaging.
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Shelf Life	To obtain best performance, use this product within 18 months from date of manufacture.
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ISO 9001

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.



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