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3M™ Polyester Tape 8429

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 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).



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Technical Information Note

The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Typical Physical Properties

Property	Values		Method
Color	Yellow		
Total Tape Thickness	0.08 mm	3.2 mil	ASTM D3652
Backing Thickness	0.05 mm	2 mil	ASTM D3652
Backing	Polyester		
Adhesive	Rubber		

Typical Performance Characteristics

Property	Values		Method	Substrate
Peel Adhesion	6.4 N/cm	58 oz/in	ASTM D3330	Stainless Steel
Tensile Strength	105 N/cm	960 oz/in	ASTM D3759	
Elongation at Break	130 %		ASTM D3759	
Temperature Use Range note	Remains flexible at -60°F (-50°C) and is dimensionally stable up to 300°F (149°C)			

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Available Sizes

Property	Values	
Standard Roll Length	66 m	72 yd

Handling/Application Information

Application Ideas

- 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.

Storage and Shelf Life

Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H. in the original packaging. To obtain best performance, use this product within 18 months from date of manufacture.

Trademarks

3M is a trademark of 3M Company.

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/company-us/all-3m-products/~//3M-Polyester-Tape-8429?N=5002385+3293241708&rt=rud
Safety Data Sheet (SDS)	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=8429

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ISO Statement

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

Information

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