

3M

Polyester Tape

8401

Technical Data

Product Description 3M™ Polyester Tape 8401 is designed for splicing many release coated papers.

Product Construction	Backing	Adhesive	Color	Standard Roll Length
	Polyester	Blended silicone and rubber	Translucent cream	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:	22 oz./in. width (24 N/100 mm)	D-3330
Tensile Strength at Break:	34 lbs./in. width (595 N/100 mm)	D-3759
Elongation at Break:	100%	D-3759
Backing Thickness:	1 mil (0.03 mm)	D-3652
Total Tape Thickness:	1.9 mils (0.05 mm)	D-3652
Water Vapor Transmission Rate:	1.6 gms H ₂ O/100 sq. in./24 hrs. (24.8 g/m ² 24 h)	

Features

- Increased initial bond can be achieved by applying heat – approximately 250°F (121°C).
- Polyester film resists splice failure due to shrinkage or embrittlement.
- A blended silicone and rubber adhesive to provide a higher initial bond to release treated surfaces than silicone adhesives.

Application Ideas

- Butt splicing of release treated paper.
- Temporary holding and masking while providing easy removal.
- Applications requiring high temperature resistance.

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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.

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

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ISO 9001:2000

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.



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