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3M

Edging and Reinforcing Tape

8411

Technical Data

January, 2009

Product Description

3M™ Edging and Reinforcing Tape 8411 is a transparent polyester film tape for many permanent edging and reinforcing types of applications.

Product Construction

Backing	Adhesive	Color	Standard Roll Length
Polyester	Acrylic	Transparent	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:	30 oz./in. width (33 N/100 mm)	D-3330
Tensile Strength at Break:	26 lbs./in. width (456 N/100 mm)	D-3759
Elongation at Break:	120%	D-3759
Backing Thickness:	1.0 mil (0.025 mm)	D-3652
Total Tape Thickness:	1.5 mil (0.04 mm)	D-3652
Temperature Use Range:	Dimensionally stable over temperature from -60° to 300°F (-50° to 149°C)	
Water Vapor Transmission Rate:	1.6 gms H ₂ O/100 in. ² /24 hrs. (24.8 g ² /24 hr.)	D-3833

Features

- Strong polyester backing for good edge tear resistance.
- Long aging, non-yellowing, pressure sensitive acrylic adhesive.
- Thinness of tape helps keep pages flat.
- High transparency for ease of reading thru tape.

Application Ideas

- Paper edging.
- Hole reinforcing.
- Many miscellaneous applications where a high degree of clarity and permanence are desired.

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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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Product Use	Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.
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This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.



Industrial Adhesives and Tapes Division

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10% post-consumer

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