

3M

Polyester Film Tape

8412

Technical Data

Product Description 3M™ Polyester Film Tape 8412 has excellent tensile strength and abrasion resistance, that can be used 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:	42 oz./in. width (46 N/100 mm)	D-3330
Tensile Strength:	120 lbs./in. width (2100 N/100 mm)	D-3759
Elongation at Break:	130%	D-3759
Backing Thickness:	4.6 mils (0.11 mm)	D-3652
Tape Thickness:	6.3 mils (0.16 mm)	D-3652
Temperature Use Range:	Dimensionally stable over temperature range from -60° to 300°F (-50° to 149°C)	

Features

- Polyester backing provides puncture resistance.
- Long aging acrylic adhesive to help reduce failures often caused by adhesive degradation.

Application Ideas

- Protection from abrasion.
- Applications requiring puncture resistance.
- Printing plate, registration hole reinforcement.

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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.

Product Use All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

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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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