3M

Two-Sided Metalized Polyester Tape
8437

Product Description

3M™ Metalized Polyester Tape 8437 is comprised of relatively thin polyester backing with a metalized coating on both sides of the film providing a mirror-like finish with low emissivity and a versatile, long lasting acrylic adhesive. 3M tape 8437 is supplied on a silicone coated release liner for easy handling. The liner also allows for large area applications and die-cutting custom shapes. The liner also provides for additional stiffness and application ease when applying 3M tape 8437 in narrow gaps.

Product Construction

Backing	Adhesive	Color	Standard Roll Length
Aluminized Polyester	Transparent Acrylic	Silver	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:	40 oz./in. width (44 N/100 mm)	D-3330
Tensile Strength:	20 lbs./in. width (350 N/100 mm)	D-3759
Elongation at Break:	70%	D-3759
Backing Thickness:	0.9 mils (0.02 mm)	D-3652
Total Thickness:	2.1 mils (0.05 mm)	D-3652
Liner Thickness:	4.3 mils (0.11 mm)	D-3652
Temperature Use Range:	-60°F - 300°F (50°C - 150°C)	

Features

· Metalized surface gives some of the advantages of metal tape without the associated weight.

· Tough, thin backing resists tearing.

· Acrylic adhesive has excellent aging properties for a long lasting bond.

· Mirror-like finish gives high visibility where it is needed.

· Liner is convenient for die-cuts, applications to large surface areas, or applications where there is a narrow gap.

· Some degree of conductivity.

· Low emissivity.

· Tape maintains bright appearance up to 3 months.

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Application Ideas	• Splice detection.
	• For many applications where reflectivity and low emissivity are desired.
	• Can be used for certain applications requiring a conductive surface.
	• Decorating and identifying.

Storage	Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% relative humidity in the original packaging material.

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

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ISO 9001

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