

Scotch™ brand No. 4187 Polyethylene Tape (Clear)



Technical Data

SCOTCH BRAND NO. 4187 POLYETHYLENE TAPE (CLEAR)

DESCRIPTION: A polyethylene tape with a high-tack adhesive system designed to offer enhanced surface protection for a variety of materials that have textured surfaces.

CONSTRUCTION:

Backing:	Low-density polyethylene
Adhesive:	Acrylic
Colors:	Clear*
Standard Roll Size:	48 in. (1,21 mm), 60 in. (1,52 m), 72 in. (1.82 m) x 1000 ft.(304,8 m) to 5000 ft. (1524 m)

TYPICAL PHYSICAL PROPERTIES: Not Recommended for Specification Purposes.

		<u>ASTM METHOD</u>
Adhesion to Steel:	13 oz./in. width (12 N/100 mm) nominal	D-3330
Tensile Strength: (Break or Yield)	2500 PSI/1.7 MPA	D-882
Elongation: (Break or Yield)	450%	D-882
Total Tape Thickness:	4.0 mils (.10 mm) nominal	D-3652

GENERAL INFORMATION:

Protective tape No.4187 is designed to offer increased protection for matte plastics, decorative high-pressure laminates, altered marble and brushed metals. For optimum performance, Scotch brand protective tapes should be applied and removed at a room not less than 60°F(16°C). Prolonged exposure to water should be avoided (may cause adhesive residue). This product is not designed for prolonged exposure to direct sunlight for extended periods.

POSSIBLE USES:

- Protection for cultured marble and molded fiberglass products against the fine dust that settles during manufacturing.
- Protection of brushed, anodized aluminum or finished stainless matte finished stainless steel.
- Protection of “woodgrain” vinyl decorative laminates.
- Protection of screen-printed polycarbonate.

*Contact your local 3M sales representatives for additional information on colors.

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FEATURES

ADVANTAGES

BENEFITS

High-tack adhesive	Adheres to textured materials without lifting	Reduces labor cost
Humidity-resistant adhesive	Reduces risk of adhesive transfer	Reduces cleanup
Transparent backing	Allows inspection without tape removal	Saves money on reworks
4 mil backing	Increase surface protection	Saves money on rework, rejects and scrap
Elastic backing	Withstands most forming operations	Saves money on reworks
Acrylic adhesive	Nonstaining/noncorrosive	Clean removal, Saves money on reworks

Important Notice: User is responsible for determining whether the product is fit for a particular purpose and suitable for user's method of application.

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3M Industrial Tape Division

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