



Cold Seal[®] Polyethylene Tapes

3130 • 4130 • 5130 (Clear)

Technical Data

August, 2004

Product Description

Cold Seal[®] Polyethylene Tapes 3130, 4130 and 5130 are temporary tapes with a self-sealing latex emulsion and feature a self-adhering cohesive coating which bonds to itself and not to the product to be packaged and the result is an airtight pouch that is resistant to moisture, dirt and grease.

Construction

Backing	Adhesive	Colors	Standard Roll Size
Low-density polyethylene	Natural rubber latex emulsion (proprietary)	Clear*	48 in. (1200 mm), 60 in. (1500 mm), 72 in. (1800 mm) x 1000 ft. (304.8 m) to 5000 ft. (1524 m)

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

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.

	Nominal Results			ASTM Test Method
Adhesion to Steel**: (oz./in. width)	3M tape 3130 14	3M tape 4130 12	3M tape 5130 11	D-3330
Tack Level:	N/A	N/A	N/A	
Tensile Strength: (Break or Yield)	2500 PSI / 1.7 MPA			D-882
Elongation: (Break or Yield)	450%			D-882
Total Tape Thickness:	3.0 mils (0.08 mm)	4.0 mils (0.10 mm)	5.0 mils (0.13 mm)	D-3652

**Value measured as a cohesive bond strength.

Features

- Puncture and abrasion resistance with excellent product clarity that makes for easy product identification.
- When used in conjunction with semi-automatic packaging equipment, Cold Seal[®] tapes consistently seal packages of standard sizes at high speeds thus helping reduce labor costs and minimize film wastage.
- Transparent backing to allow visual inspection without breaking seal which helps reduce labor costs.
- Cold Seal[®] vs heat seal so no heater parts to replace or adjust with no burn-throughs, no need for heating a sealing element to help reduce maintenance and costs.

Application Ideas

- Ideal for packaging a wide variety of small machine parts, hand tools, pamphlets, books, literature and documents.

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Application Techniques For optimum performance, these tapes should be applied and removed at a temperature not less than 60°F (16°C) and avoid prolonged exposure to direct UV sunlight which may affect the performance of the tape.

Storage Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H. in the original carton.

Shelf Life To obtain best performance, use these products within 12 months from date of manufacture.

For Additional Information To request additional product information or to arrange for sales assistance, call toll free 1-800-241-2031 or 828-465-3053. Address correspondence to: 3M/PolyMask, 500 Thornburg Dr., P.O. Box 309, Conover, NC 28613. Our fax number is 1-800-672-3038 or 828-465-2404.

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ISO 9001:2000

3M

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**Industrial Business
Industrial Adhesives and Tapes Division**

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*Recycled Paper
40% pre-consumer
10% post-consumer*

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