

Scotch™ brand No. 4112 Polyethylene Tape (Clear)



Technical Data

SCOTCH BRAND NO. 4112 POLYETHYLENE TAPE (CLEAR)

DESCRIPTION: A polyethylene tape with a low-tack adhesive system, designed specifically to offer *enhanced* surface protection for metals, plastics, vinyls and glass materials

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 3000 ft. (914,4 m)

TYPICAL PHYSICAL PROPERTIES: Not Recommended for Specification Purposes.

		<u>ASTM METHOD</u>
Adhesion to Steel:	3.0 oz./in. width (3 N/100mm) 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.4112 is designed to offer *increased* surface protection for polished metals, painted gloss finish, metals and plastic materials that maybe subjected to forming operations such as roll forming, stamping and die cutting. For optimum performance, Scotch brand protective tapes should be applied and removed at a room temperature not less than 60°F (16°C). This product is not designed for prolonged exposure to direct sunlight for extended periods.

POSSIBLE USES:

- As a premask for vinyl decals and pinstripping.
- Protection of polished stainless and specular finish anodized aluminum sheets and coils.
- Protection of painted high-gloss metal building panels.
- Protection of glass TV screens, window glass and vinyl floor coverings.
- Protection of gloss decorative laminates.

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

Scotch™ brand No. 4112 Polyethylene Tape (Clear)

Page 2

FEATURES

ADVANTAGES

BENEFITS

Low-tack adhesive	Easy removal	Reduces labor costs
4 mil backing	<i>Increases</i> surface protection	Saves money on rework, Rejects and scrap
Transparent backing	Allows inspection without tape Removal	Save money on reworks
Elastic backing	Withstands most forming Operations	Save money on reworks
Acrylic adhesive	Nonstaining/ noncorrosive	Clean removal, Reduces labor costs
Humidity-resistant adhesive	Minimizes risk of residue when Used in environments with high Humidity	Clean removal, Reduces labor costs

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

Warranty and Limited Remedy: THE FOLLOWING WARRANTIES ARE MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTY OF MERCHANTABILITY, THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND ANY IMPLIED WARRANTY ARISING OUT OF A COURSE OF DEALING, A CUSTOM OR USAGE OF TRADE: 3M warrants its tapes will be free from defects in materials and manufacture. If a tape is proved to be defective, then the exclusive remedy and 3M's sole obligation shall be, at 3M's option, to replace the quantity of the tape which is proved to be defective or to refund the purchase price.

Limitation of Liability: 3M and seller shall not be liable for direct, indirect, special, incidental or consequential damages based upon breach of warranty, breach of contract, negligence, strict liability of any other legal theory.

The foregoing Warranty and Limited Remedy and Limitation of Liability may be changed only by a written agreement signed by authorized officers of 3M and seller.

70-0704-5707-5

"Scotch" is a trademark of 3M

© 3M 1992

Litho in USA with 3M offset plates, film and proofing systems.

3M Industrial Tape Division

3M Center Bldg. 220-8E-04
St. Paul, NM 55411-1000

