



Polyester Protective Tape

335 • 336

Technical Data

April, 2008

Product Description 3M™ Polyester Protective Tape 335 and 336 are thin polyester tapes with a low tack adhesive.

Product Construction

Backing	Adhesive	Color	Standard Roll Length	Standard Widths
Polyester film	Rubber	Pink (3M tape 335) Transparent (3M tape 336)	144 yds. (131.6 m)	1" (25.4mm) to 24" (609 mm) Custom sizes available.

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:	13 gm/in. width (0.5 N/100 mm) D-3330
Tensile Strength at Break:	26 lbs./in. width (455 N/100 mm) D-3759
Elongation at Break:	115% D-3759
Backing Thickness:	0.9 mil (0.02 mm) D-3652
Total Tape Thickness:	1.5 mils (0.04 mm) D-3652
Temperature Use Range:	Extended periods: Up to 150°F (66°C) Up to 30 min.: Up to 250°F (121°C)

Features

- Low tack adhesive allows for easy removal.
- Rubber adhesive adheres to many surfaces.
- The transparent backing of the 3M tape 336 allows visual inspection without tape removal.
- Extensible, abrasion resistant backing allows for use in forming operations.
- This tape can be used for extended periods of time up to 150°F (66°C) and for 30 minutes or less at 250°F (121°C).
- The pink color of the 3M tape 335 makes it easy to see when visibility is desired for either application or removal.
- 3M tape 335 (pink version) quickly defines the protected from the unprotected area.

Application Ideas

- Protection from fumes and splash during plating processes on the upper portion of printed wiring boards.
- Protection of polished stainless steel and aluminum in fabrication, shipping, and storage.
- Protection of nameplates and instrument panels during shipping and installation.
- Protection of finished non-metallic surfaces.
- Protection of non-image side of inner layers of multilayer printed wiring boards.

3M™ Protective Polyester Tape

335 • 336

Application Techniques	<ul style="list-style-type: none">• Adhesion levels can increase from any of the following conditions:<ul style="list-style-type: none">- Extended exposure to direct sunlight- High stacking pressures- Extended application to copper bearing surfaces• Sharp dies must be used when stamping parts protected with 3M tape 336 since dull dies result in nicked edges which cause tape slivering upon removal.
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 this product within 12 months from date of manufacture.
Technical Information	The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.
Warranty, Limited Remedy, and Disclaimer	Many factors beyond 3M's control and uniquely with user's knowledge and control can affect the use and performance of a 3M product in a particular application. User is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application. Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.
Limitation of Liability	Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

ISO 9001:2000

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.



Industrial Adhesives and Tapes Division

3M Center, Building 21-1W-10, 900 Bush Avenue
St. Paul, MN 55144-1000
800-362-3550 • 877-369-2923 (fax)
www.3M.com/industrial



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

3M is a trademark of 3M company.
Printed in U.S.A.
©3M 2008 70-0709-0909-1 (4/08)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[3M:](#)

[336-2"X144YD](#)