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3M

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

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Application Techniques

- Adhesion levels can increase from any of the following conditions:
 - 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.

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