



Polyester Protective Tape

335 • 336

Technical Data

February 2017

Product Description 3M™ Polyester Protective Tape 335 and 336 are thin polyester tapes with a low tack adhesive. Designed to protect finished surfaces from light abrasion, nicks and scratches during production, packing, shipping and installation.

Product Construction

Backing	Adhesive	Color	Standard Roll Length
Polyester	Rubber	Pink (3M tape 335)	144 yds.
		Transparent (3M tape 336)	(131.6 m)

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:	61 gm/in. width (0.93 N/100 mm)	D-3330
Tensile Strength at Break:	25 lbs./in. width (438 N/100 mm)	D-3759
Elongation at Break:	115%	D-3759
Backing Thickness:	0.94 mils (37 mm)	D-3652
Total Tape Thickness:	1.5 mils (59 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 rubber adhesive adheres to a wide variety of surfaces with minimal adhesion build-up and clean removal when finished.
- Provides excellent abrasion, tear, scratch, puncture and moisture resistance to help protect surfaces.
- Extensible, abrasion resistant backing is ideal for forming operations.
- Pink color of the 3M tape 335 provides easy visibility for either application or removal, providing quick identification of protected versus unprotected areas.
- The transparent backing of the 3M tape 336 allows visual inspection without tape removal.
- These tapes 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).

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.

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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 packaging.
Shelf Life	To obtain best performance, use this product within 12 months from date of manufacture.
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ISO 9001

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



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