



# 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**

- 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.

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

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

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ISO 9001

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Printed in U.S.A.  
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