



Transparent Polyester Tape

336

Technical Data

Product Description 3M™ Transparent Polyester Tape 336 has a very low tack adhesive system for use as a protective tape to protect polished metal and plastic surfaces with minimum adhesion build-up and clean removal.

Product Construction	Backing	Adhesive	Color
	Polyester film	Rubber	Transparent

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:	1 oz./in. width (1 N/100 mm)	D-3330
Tensile Strength at Break:	24 lbs./in. width (420 N/100 mm)	D-3759
Elongation at Break:	95%	D-3759
Backing Thickness:	1 mil (0.025 mm)	D-3652
Total Tape Thickness:	1.4 mils (0.04 mm)	D-3652

- Features**
- 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.
 - 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).

- Application Ideas**
- Protection from fumes and splash during plating processes on the upper portion of printed wiring boards. 3M tape 336 has a lower adhesive tack level than 3M™ Fume Protection Tape 1290 which can also be used for this application.
 - 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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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.

Product Use All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

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ISO 9001:2000

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