



Transparent Polyester Tape

336

page 1 of 2

Technical Data

Product Description A polyester tape with a very low tack adhesive system for use as a protective tape.

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/100mm)	D-3330
Tensile Strength at Break:	24 lbs./in. width (420 N/100mm)	D-3759
Elongation at Break:	95%	D-3759
Backing Thickness:	1 mils (.025mm)	D-3652
Total Tape Thickness:	1.4 mils (.04mm)	D-3652

General Information

- In general, protective tapes help to protect polished metal and plastic surfaces with minimum adhesion build-up and clean removal. This performance is enhanced by clean surfaces prior to application. However, the following use information should be noted.
- 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 336 tape 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).

Shelf Life

To obtain best performance, use this product within 12 months from date of manufacture and store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H. in the original carton.

Application Ideas

- Protection from fumes and splash during plating processes on the upper portion of printed wiring boards. Polyester 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.

Features	Features	Advantages	Benefits
	Low tack adhesive	Easy removal	Helps reduce labor cost
	Transparent backing	Allows visual inspection without tape removal	Helps save money on rework
	Elastic backing	Withstands most forming operations	Helps save money on rework
	Abrasion resistant backing	Resists tearing during forming	Helps reduce labor costs
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