



# Technical Data Sheet

## 3M™ Polyester Protective Tape 335



[Regulatory Info/SDS](#)

### **Product Description**

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

### **Product 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.
- 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).

### **Technical Information Note**

The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

### **Typical Physical Properties**

Attribute Name	Test Method	Value
Color		Pink
Adhesive Type		Rubber
Backing		Polyester
Backing Thickness	ASTM D3652	0.02 mm (0.94 mil)
Total Tape Thickness	ASTM D3652	0.04 mm (1.5 mil)

### **Typical Performance Characteristics**

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	22 °C (72 °F)	0.235 N/cm (2.15 oz/in) <sup>1</sup>
Elongation at Break	ASTM D3759		115 %
Tensile Strength	ASTM D3759		43.8 N/cm (400 oz/in)
Short Term Temperature Resistance			121 °C (250 °F) <sup>2</sup>
Long Term Temperature Resistance			66 °C (150 °F) <sup>3</sup>

<sup>1</sup> 12 in/min (300 mm/min)

<sup>2</sup> Short Term (minutes, hour)

<sup>3</sup> Long Term (day, weeks)

## **Handling/Application Information**

### **Application Examples**

- 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.

### **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

## **Storage and Shelf Life**

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in the original packaging, out of direct sunlight. For best performance, use this product within 12 months from date of manufacture.

## **Available Sizes**

<b>Attribute Name</b>	<b>Value</b>
Standard Roll Length	131.6 m (144 yd)

## **Information**

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## **ISO Statement**

This product was manufactured under a 3M quality system registered to ISO 9001 standards.

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