



Fume Protection Tape

1290

Technical Data

July, 1995

Product Description A polyester tape to help protect large areas of circuit boards during electroplating.

Construction	Backing	Adhesive	Color	Standard Roll Length
	Polyester	Rubber	Translucent Blue	144 yds. (132 m)

Typical Physical Properties and Performance Characteristics

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:	19 oz./in. width (21 N/100 mm)	D-3330
Tensile Strength:	30 lbs./in. width (525.4 N/100 mm)	D-3759
Elongation at Break:	131%	D-3759
Total Thickness:	2.2 mils (.056 mm)	D-3652

General Information

- Avoid direct sunlight exposure which may cause adhesion build-up.
- Adhesion level increases with age.
- High temperatures and stacking pressures increase the rate of adhesion build-up.

Application Ideas

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

Features	Advantages	Benefits
• Transparent backing	• Allows visual inspection without tape removal	• Helps save money on reworks
• High-stretch backing	• Withstands most forming operations	• Helps save money on reworks
• Abrasion-resistant backing	• Resists tearing during forming	• Helps reduce labor cost
• Silicone-free adhesive	• No silicone residue	• No additional cleaning needed to remove residue

Fume Protection Tape

1290

For Additional Information

To request additional product information or to arrange for sales assistance, call 612-733-1441. Address correspondence to: 3M Industrial Tape and Specialties Division, 3M Center, Building 220-8E-04, St. Paul, MN 55144-1000. Our fax number is 612-733-9175. In Canada, phone: 1-519-451-2500. In Puerto Rico, phone: 1-809-750-3000. In Mexico, phone: 5-728-0400.

Important Notice

3M MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of application. Please remember that many factors can affect the use and performance of a 3M ITSD product in a particular application. The materials to be bonded with the product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a 3M ITSD product. Given the variety of factors that can affect the use and performance of a 3M ITSD product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M ITSD product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

Limitation of Remedies and Liability

If the 3M product is proved to be defective, THE EXCLUSIVE REMEDY, AT 3M'S OPTION, SHALL BE TO REFUND THE PURCHASE PRICE OF OR TO REPAIR OR REPLACE THE DEFECTIVE 3M PRODUCT. 3M shall not otherwise be liable for loss or damages, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including negligence, warranty, or strict liability.

ISO 9002

This Industrial Tape and Specialties Division product was manufactured under a 3M quality system registered to ISO 9002 standards.

3M

Industrial Tape and Specialties Division
3M Center, Building 220-7E-01
St. Paul, MN 55144-1000



Recycled Paper
40% pre-consumer
10% post-consumer

Printed in U.S.A.
©3M 1994 70-0703-2486-1