

PRODUCT DESCRIPTION

This blue polyester film tape featuring a silicone adhesive has a total thickness of 3 mils, comprising 1 mil of polyester film and 2 mils of silicone adhesive. This tape is resistant to fumes and chemicals, ensuring minimal residue upon removal, while also allowing visibility of circuitry during the masking process. It is designed to withstand application and removal without breaking or splitting, making it an ideal protective tape for various masking operations in printed circuit board production. As an industry-standard plater's tape, it effectively safeguards surfaces from splashes and chemical fumes encountered in tin/lead stripping and gold tab plating.

APPLICATIONS

- Powder Coating and Painting: Used as masking tape to create clean, sharp lines, withstanding high-heat curing cycles without leaving residue.
- Electronic Manufacturing: Suitable for insulating transformers, capacitors, and motors, and for protecting gold fingers on printed circuit boards (PCBs) during wave soldering.
- Splicing Silicone Surfaces: Ideal for splicing silicone-coated papers, films, and liners because the silicone adhesive bonds securely to difficult, low-surface-energy substrates.
- High-Temperature Manufacturing: Functions as flash breaker tape in composite bonding and holding parts in place in hot environments.
- Surface Protection and Electroplating: Protects sensitive surfaces from chemical baths, flash, or abrasion during metal finishing and handling.

FEATURES & BENEFITS

- Heat Resistance: Withstands temperatures up to 220°C (428°F).
- Clean Removal: The silicone adhesive removes cleanly, leaving no residue.
- Durability: Resistant to chemicals and solvents.



PHYSICAL PROPERTIES

TECHNICAL PROPERTY	VALUES
Backing	Polyester film
Adhesive	Silicone
Total Thickness	3.0 mils
Adhesion	30 oz/in
Tensile Strength	25 lb/in
Elongation	90%
Temperature Resistance	220°C (428°F)/30 min
Core I.D.	3"

STANDARD WIDTHS

6 mm up to 1270 mm
Custom widths available

STANDARD LENGTH

66 m (30 m)

AVAILABLE COLOURS

Blue

PRODUCT RECOMMENDATIONS

The products should be stored at room temperature, away from moisture and heat sources.

It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied is clean, dry, and free from grease and oil.

Users are advised to conduct tests prior to application to ensure the tape's suitability for their specific needs and techniques.

The above properties and results obtained refer to the average values of laboratory testing carried out on the sample Lowry® product. Lowry® does not guarantee testing accuracy and makes no guarantee of product performance, safety, or suitability, either expressed or implied, when used alone or in combination with other products. It is essential as with all pressure sensitive tapes, that the surface to which the tape is applied must be clean, dry, and free of grease and oil. Lowry® strongly urges users to undertake independent testing in order to verify the suitability of the product for whatever intended use. Lowry® assumes no responsibility for any damage or injury sustained as a result of the use of its products.