Technical DATA

Scapa 1601

High Temperature Blue Polyester Silicone Masking Tape

DESCRIPTION

Scapa 1601 is a 23µm clear polyester film, single coated with a translucent blue silicone pressure sensitive adhesive system, 68µm total thickness. Recommended for a variety of masking and splicing applications.

APPLICATIONS

- Masking contacts during PCB manufacturing.
- High temperature masking during curing cycles.
- Masking during chemical etching.
- Splicing of various types of substrates, particularly siliconised surfaces like silicone release papers.
- End roll tabbing.

PRODUCT BENEFITS

- Resistant to components used in varnish dipping, epoxy resin coatings and adhesives.
- Withstands long periods of heat up to 130°C.
- Resists baking temperatures up to 180°C for 20 min.
- Blue colour enables easy splice identification.

TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
Carrier Thickness	0.023	mm	AFERA 5006
Elongation at Break	50	%	AFERA 5004
Peel Adhesion	8	N/25mm	AFERA 5001
Tensile Strength	75	N/25mm	AFERA 5004
Total Thickness	0.068	mm	AFERA 5006
Adhesive Thickness	0,045	mm	AFERA 5006

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STANDARD PRESENTATIONS

- Colours: Blue
- Core: 76 mm plastic core
- Packaging: Plastic bag
- Roll Length: 33 & 66 meters
- Roll Width: 6, 9, 12, 15, 19, 25, 30, 38, 50, 75 and 100 mm

RECOMMENDATIONS

The rolls should be stored flat on their cut edges in the original packaging. The product must be protected from dust, heat, moisture, direct sunlight and solvent fumes. The shelf life will vary depending on conditions of storage but should not be less than one year from the date of manufacture of stored in a moderate climate and good conditions.

Surfaces should be clean, dry and free of dust, grease, oil or other contaminants. Adhesive performance should be carefully checked when used on substrates containing plasticisers.

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