



TECHNICAL DATA

Scapa C556

Polyimide Silicone Adhesive Tape

DESCRIPTION

Scapa C556 is a 25 μ polyimide film with a cured silicone adhesive system, with 69 μ total thickness. Recommended for a variety of high temperature protection and electrical insulation applications (180°C thermal class H).

APPLICATIONS

- Masking PCB gold fingers and protecting plug-in connectors and switches during wave soldering
- High temperature masking
- Bundling and fixing components exposed to high temperatures
- For electrical insulation of coils, transformers, wires and cables for class H (180°C) applications

PRODUCT BENEFITS

- Good resistance to most alcohols, esters, ketones and oils
- Removes cleanly and in one piece after being exposed to high temperatures
- High strength backing provides superior puncture, tear and abrasion resistance
- Resistant to chemical attack
- Excellent thin electrical insulation
- Flame retardant
- UL 510 approved – Guide OANZ: File E175052
- Service temperature: 180°C continuous – Thermal Class H
- Resists baking temperatures up to 260°C for up to 20 minutes

TECHNICAL PROPERTIES

	Unit	Nominal Value	Test Method
Total Thickness	mm	0.069	-
Adhesive Thickness	mm	0.043	-
Carrier Thickness	mm	0.025	-
Tensile Strength	N/25mm	132	PSTC02
Elongation at Break	%	60	PSTC02
Peel Adhesion	N/25mm	6.8	PSTC01
Dielectric Strength	KV	6.8	

STANDARD PRESENTATION

- Roll length : 33 metres
- Roll width : 6, 9, 12, 15, 19, 25, 30, 38, 50, 75 and 100 mm
- Core : 76 mm plastic core
- Packaging : Flow pack with label or plastic bag
- Colour : Amber

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. Storage temperature between +10°C and +30°C. Under these conditions, the storage life of the tape in a temperature climate will be at least one year.

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.