

Tapes

Insulation tape SP 61507

Material: Insulation tape SP 61507 is made of polyimide film as base material with a polysiloxane adhesive.

Properties: Insulation tape SP 61507 is an universal and high temperature resistant tape for applications that require highest demands. Insulation tape SP 61507 has high breakdown strength and good mechanical properties, even at high temperatures. Insulation tape SP 61507 has a higher dielectric strength due to the strong film in comparison to Insulation Tape SP 61506.

Applications: Insulation tape SP 61507 is used for high performance engines and wave soldering.

Colour: brown

Delivery forms: Insulation tape SP 61507 is available with a length of 33 m or 66 m. Other lengths upon customers request.

Storage conditions: Insulation tape SP 61507 lasts for 12 months if stored cool and dry (15 – 20°C, <65% rel. RH).

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Property	Test method	Unit	Value
Total thickness		mm	0,100 ± 10%
Base material			Polyimide
Thickness base material		mm	0,050 ± 10%
Type of adhesive			PS
Flammability			Bu 1
Insulating class	VDE 0530		H
Gluing capacity		N/10mm	2-3
Shear resistance			No separation
Limit temperature		°C	180
Short term load (1 h)		°C	350
Voltage test			No breakdown
Breakdown voltage	VDE 0303	V _{eff}	12000
Electrolytic corrosion effect			A 1,0
Tear strength		N/10mm	90-110
Elongation at break		%	60-80

Please note:

The information in this data sheet is based on our current knowledge and experience. They do not disengage the fabricator and the user from own tests and inspections because of the plenty of possible effects. There is no judicial binding assurance of certain properties or of the qualification for a concrete application in our declaration. We recommend consulting us in individual cases. The acceptor of our products has to observe possible industrial property rights as well as present laws by himself.