

## Tapes

### Double-sided tape SP 61509

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**Material:** The double-sided tape SP 61509 is made of polyimide-film as base material with a polysiloxane adhesive.

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**Properties:** The double-sided tape SP 61509 is an exceptional insulation-film that meets the highest demands with its high dielectric strength, good mechanical properties, even at high temperatures. The polyimide-film is flame retardant.

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**Applications:** SP 61509 is suitable for highest temperature loads and sticks to silicone surfaces.

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**Colour:** brown

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**Delivery forms:** The double-sided tape SP 61509 is available with a length of 33 m or 66 m. Other lengths upon customers request.

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**Storage conditions:** The double-sided tape SP 61509 lasts for 12 months if stored cool and dry (15 – 20°C, <65% rel. RH).

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Dr. Dietrich Müller GmbH

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Property	testmethod	Unit	Value
Total thickness		mm	0,125 ± 10%
Base material			Polyimide
Thickness base material		mm	0,025 ± 10%
Type of adhesive			Polysiloxane
Flammability			Bu 1
Insulating class	VDE 0530		H
Gluing capacity, pull-off force plate		N/10mm	2
Limit temperature		°C	180
Short term load (1 h)		°C	350
Voltage test			No breakdown
Breakdown voltage	VDE 0303	V <sub>eff</sub>	7000
Electrolytic corrosion effect			A 1,0
Tear strength		N/10mm	50-60
Elongation at break		%	40-60
liner			Polyester, both sides siliconized

**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.