Adhesive tapes

Insulating Tape SP 61541

Description:	Insulating tape SP 61541 is a composition of a polyimide and a polysiloxane adhesive.
Features:	SP 61541 insulating tape is a universal and high-temperature-resistant adhesive tape for the highest requirements. SP 61541 insulating tape also has high dielectric strength and good mechanical properties even at high temperatures. Due to its strong film, SP 61541 insulating tape has a higher tension strength than SP 61506 insulating tape.
Application:	SP 61541 insulating tape is used in high-performance engines and wave soldering.
Color:	Insulating tape SP 61541 is available in the colour brown.
Delivery forms:	Electrical tape SP 61541 is supplied in tapes as standard in 33 m and 66 m lengths, other lengths on request.
Storage conditions:	SP 61541 insulating tape can be stored in a cool and dry place (15 - 20°C, <65% relative humidity) for at least 12 months.

Dr.D. Müller AHLHORN

Precision components
made of flexible and rigid materials

Insulating Tape SP 61541

Feature	Test Method	Unit	Value
Total thickness	-	mm	0.100 ± 10 %
Base material	-	-	Polyimid
Base thickness	-	mm	0.050 ± 10%
Glue type	-	-	PS
Flammability	-	-	This 1
Insulation class	VDE 0530	-	H
Gluing capacity	-	N/10mm	2-3
Shear resistance	-	-	No separation
Limit temperature	-	°C	180
Short-term load (1 hour)	-	°C	350
Voltage Testing	-	-	No puncture
Breakdown voltage	VDE 0303	Veff	12.000
Electrolytic corrosion effect	-	-	A 1.0
Tear strength	-	N/10mm	90-110
Elongation at break	-	%	60-80

Please note:

The information in this technical data sheet is based on our current knowledge and experience. They do not exempt the processor and user from their own tests and tests due to the abundance of possible influences during use. A legally binding assurance of certain properties or suitability for a specific application cannot be derived from our information. Depending on the individual case, we recommend consulting with us. Any intellectual property rights and existing laws must be observed by the recipient of our products on his or her own responsibility.

Zeppelinring 18 | D-26197 Ahlhorn | Phone: +49 (0) 4435 97 10 10 | Fax: +49 (0) 4435 97 10 11
info@mueller-ahlhorn.com | www.mueller-ahlhorn.com | Registered office: Ahlhorn
Managing Director: Dr. Michael Müller | AG Oldenburg: HRB 209026 | VAT ID-No.: DE 295969093
Tax No.: 68/207/07677 | Certified according to ISO 9001:2015 and ISO 14001:2015
UL Approved Repacker E341377

- Manufacture and distribution of electrical insulating materials, thermal interface products, seals and technical films
- Production of stamped parts, blanks and moulded parts
- Cutting/packaging of films and adhesive tapes
- CNC machining, laser cutting and waterjet cutting