

Dr. Dietrich Müller GmbH, Zeppelinring 18, D-26197 Ahlhorn

Standard Materials

Thermally Conductive Adhesive Insulation Tape SP 61415

Structure: Thermally Conductive Adhesive Insulation Tape SP 61415 is a polyimide film coated with wax on both sides.

Characteristics: Thermally Conductive Adhesive Insulation Tape SP 61415 has excellent thermal conductivity (0.45 W / mK) with very good insulating properties at high temperatures through the double-side coated polyimide film. Insulating Adhesive Tape SP 61415 is suitable for good heat transfer.

Application: Thermally Conductive Adhesive Insulation Tape SP 61415 is used for the removal of heat to ensure the performance of electronic components.

Colour: Thermally Conductive Adhesive Insulation Tape SP 61415 is available in brown opaque as standard.

Form of Supply: Thermally Conductive Adhesive Insulation Tape SP 61415 is available as tapes with a length of 33 m and 66 m as standard, other lengths available on request.

Storage Conditions: Thermally Conductive Adhesive Insulation Tape SP 61415 remains durable for at least 6 months providing it is stored in cool and dry conditions (15-20°C, <65% Relative Humidity).

Stand October 2014

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info@mueller-ahlhorn.com | www.mueller-ahlhorn.com | Sitz der Gesellschaft: Ahlhorn
Geschäftsführer: Heinz-Jürgen Siebert | AG Oldenburg: HRB 209026 | Ust. ID-Nr.: DE 295969093
St.-Nr.: 68/207/07677 | Zertifiziert nach DIN EN ISO 9001:2008 | UL anerkannter Repacker E341377

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- Elektroisierstoffe
- Dichtungen
- Wärmeleitprodukte
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Properties	Norm	Unit	Value
Total Thickness	ASTM D-1000	mm	0.085 ± 10%
Base Material	ASTM D-1000	-	Polyimide Film Thermally conductive
Base Thickness	ASTM D-1000	mm	0.050 ± 10%
Adhesive Type	ASTM D-1000	-	Copolymer-wax
Flammability	ASTM D-1000	-	Bu 1
Insulation Class	VDE 0530	-	F
Temperature Limit	ASTM D-1000	°C	180
Flow Temperature of the Copolymer Wax		°C	55
Dielectric Strength	VDE 0303	V _{eff}	≥7.000
Tensile Strength	ASTM D-1000	N10/mm	60-75
Elongation at Break	ASTM D-1000	%	50-60

Please note:

The information in this data sheet is based on our current knowledge and experience. They do not disengage the fabricator and 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.

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