

## Tapes

### Insulation tape SP 61314

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**Material:** Insulation tape SP 61314 is made of a laminate polyester/impregnated crepe paper as base material with a rubber glue adhesive.

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**Properties:** Insulation tape SP 61314 offers high breakdown strength due to the polyesterfilm. It's exceedingly tear and impact resistant and exhibits high impregnating capacity and adhesion.

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**Applications:** Insulation tape SP 61314 is used for motors and transformers, masking of soldering and welding joints, as well as coils and end tape bindings.

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**Colour:** chamois

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**Delivery forms:** Insulation tape SP 61314 is available in standard lengths of 33 m and 66 m. Other lengths upon customers request.

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**Storage conditions:** Insulation tape SP 61314 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	Test method	Unit	Value
Total thickness	ASTM D-1000	mm	0,200 ± 10%
Base material	ASTM D-1000		Laminate polyester/crepepaper
Thickness base material	ASTM D-1000	mm	0,150 ± 10%
Type of adhesive	ASTM D-1000		acrylic
Flammability	ASTM D-1000		Bu 1
Insulating class	VDE 0530		B
Gluing capacity	ASTM D-1000	N/10mm	3,5
Limit temperature	ASTM D-1000	°C	130
Short term load (1 h)	ASTM D-1000	°C	175
Breakdown voltage	VDE 0303	V <sub>eff</sub>	6000
Electrolytic corrosion effect	VDE 0340	AN	1,2
Tear strength	ASTM D-1000	N/10mm	40-50
Elongation at break	ASTM D-1000	%	45-60
tape	DIN 40633		W 80 part 3

**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.