

## Tapes

### Insulation tape SP 61402

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**Material:** Insulation tape SP 61402 is made of aramid (e.g. Nomex®) as base material with a KWH adhesive.

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**Properties:** Insulation tape SP 61402 is a meta-aramid-paper with chemical resistance and high dielectric strength and temperature resistance.

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**Applications:** Insulation tape SP 61402 is applied for transformers and motors as e.g. armature wrapping or phase insulation in traction machines.

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**Colour:** chamois

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**Delivery forms:** Insulation tape SP 61402 is available with a length of 33 m or 66 m. Other lengths upon customers request.

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**Storage conditions:** Insulation tape SP 61402 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	ASTM D-1000	mm	0,100 ± 10%
Base material	ASTM D-1000		Polyaramid
Thickness base material	ASTM D-1000	mm	0,050 ± 10%
Type of adhesive	ASTM D-1000		KWH
Flammability	ASTM D-1000		Bu 1
Insulating class	VDE 0530		F
Gluing capacity	ASTM D-1000	N/10mm	5-8
Shear strength after use of solvent	ASTM D-1000	N/10 mm	50
Limit temperature	ASTM D-1000	°C	155
Short term load (1 h)	ASTM D-1000	°C	200
Breakdown voltage	VDE 0303	V <sub>eff</sub>	800
Electrolytic corrosion effect	VDE 0340	A	1,2
Tear strength	ASTM D-1000	N/10mm	40-50
Elongation at break	ASTM D-1000	%	10-30

**Trademark information:** Nomex® is a registered trademark of company DuPont.

**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.

Dr. Dietrich Müller GmbH