

Tapes

Insulation tape SP 61400

Material: Insulation tape SP 61400 is made of PEN as base material with an acrylic adhesive.

Properties: Insulation tape SP 61400 can be processed in similarity to polyester tape, but offers a higher thermal resistance as well as resistance against impregnating agents. Insulation tape SP 61400 has a smooth adhesive.

Applications: Insulation tape SP 61400 can be applied for electric components that are exposed to long-term temperatures. Insulation tape SP 61400 is classified as F (155°C).

Colour: transparent

Delivery forms: Insulation tape SP 61400 is available in standard lengths of 33 m and 66 m. Other lengths upon customers request.

Storage conditions: Insulation tape SP 61400 lasts for 12 months if stored cool and dry (15 – 20°C, <65% rel. RH).

Dr. Dietrich Müller GmbH

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Property	Test method	Unit	Value	
Total thickness	ASTM D-1000	mm	0,070 ± 10%	0,065 ± 10%
Base material	ASTM D-1000		PEN-film	
Thickness base material	ASTM D-1000	mm	0,025 ± 10%	
Type of adhesive	ASTM D-1000		Acrylic	
Flammability	ASTM D-1000		Bu 1	
Insulating class	VDE 0530		F	
Gluing capacity	ASTM D-1000	N/10mm	4,0	
Limit temperature	ASTM D-1000	°C	155	
Short term load (1 h)	ASTM D-1000	°C	200	180
Breakdown voltage	VDE 0303	V _{eff}	5500	5300
Tear strength	ASTM D-1000	N/10mm	40	
Elongation at break	ASTM D-1000	%	10-20	50

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.