

Tapes

Insulation Tape SP 61311

Material: Insulation tape SP 61311 is made of a laminate polyester/polyester fleece as base material with an acrylic adhesive.

Properties: Insulation tape SP 61311 offers, like SP 61310, good dampening properties due to its polyester fleece and a lowered tearing tendency. The mechanical stability and dielectric strength is enhanced due to the thickness of insulation tape SP 61310.

Applications: SP 61311 can be applied to mask soldering joints and for end tape bindings. SP 61311 is also available in a width of 1 – 3 mm to create a defined air and creepage distance in coils.

Colour: white

Delivery forms: Insulation tape SP 61311 is available with a length of 33 m and 66 m. Other lengths upon customer request.

Storage conditions: Insulation tape SP 61311 lasts for 6 months if stored cool and dry (15 – 20°C, <65% rel. RH).

Insulating tape SP 61311

Property	Test method	Unit	Value
Total thickness	ASTM D-1000	mm	0,180 ± 10%
Base material	ASTM D-1000		polyester
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
Shear strength after use of solvent	ASTM D-1000	N/10mm	40
Limit temperature	ASTM D-1000	°C	130
Short term load (1 h)	ASTM D-1000	°C	175
Breakdown voltage	VDE 0303	V _{eff}	6000
Electrolytic corrosion effect	VDE 0340	AN	1,2
Tear strength	ASTM D-1000	N/10mm	110
Elongation at break	ASTM D-1000	%	15-20

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.