

Tapes

Polytetrafluorethylene-film-tape SP 61511

Material: Polytetrafluorethylene-film-tape SP 61511 is made of a PTFE film as base material with an acrylic adhesive.

Properties: Polytetrafluorethylene-film-tape SP 61511 offers chemical resistance, high temperature load bearing capacity and very good corona resistance.

Applications: Polytetrafluorethylene-film-tape SP 61511 is used in mold construction as separation film or sliding film to reduce frictional resistance between sliding surfaces. Polytetrafluorethylene-film-tape SP 61511 is also used for seals and as a non-stick surface.

Colour: grey

Delivery forms: Polytetrafluorethylene-film-tape SP 61511 is available with a standard length of 33 m and 66 m. Other lengths upon customers request.

Storage conditions: Polytetrafluorethylene-film-tape SP 61511 lasts for 6 months if stored cool and dry (15 – 20°C, <65% rel. RH).

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Property	Test method	Unit	Value
Total thickness		mm	0,130 ± 10%
Base material			PTFE
Thickness of base material		mm	0,100 ± 10%
Type of adhesive			Acrylic
Flammability			Bu 1
Insulating class	VDE 0530		H
Gluing capacity	DIN 40633	N/10 mm	≥4
Limit temperature		°C	180
Short-term load, 1 h		°C	200
Voltage test			No breakdown
Breakdown voltage	VE 0303	V _{eff}	7500
Tear strength		N/10 mm	30-35
Elongation at break		%	300-350

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.

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