SynFlex Elektro GmbH
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Polyester shrinkage tape

Polyester shrinkage tape is made of 100 % endless, colourless polyester silk wound with solid edges.

Attributes

The inelastic, textile tape is additionally characterised by its high mechanical strength and abrasion resistance even at higher temperatures. Use in class F systems when combined with suitable resins is therefore possible.

Application

The polyester shrinkage tape is often used for fixing or bandaging the winding heads of electric machines, since the tape shrinkage additionally increases the packing density of the winding during hardening.
Furthermore, it is used to fix windings, coils and rods in electric machines and transformers. It is occasionally used as filling material, for example in cables.

Delivery forms

Tape widths	Formats
10	1000 m spool
15	100 m roll
20	100 m roll
25	100 m roll
30	100 m roll
40	100 m roll

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General	Unit of measure						
Width	mm	10	15	20	25	30	40
Thickness in the middle of the tape	mm	0.16 ± 0.03	0.16 ± 0.03	0.16 ± 0.03	0.16 ± 0.03	0.16 ± 0.03	0.16 ± 0.03
Thickness at the edges of the tape	mm (max.)	0.22 ± 0.03	0.22 ± 0.03	0.22 ± 0.03	0.22 ± 0.03	0.22 ± 0.03	0.22 ± 0.03
Tear force	N	255	335	450	560	680	900
Tape weight	g/m (min)	1.12	1.68	2.24	2.80	3.36	4.48
Shrinkage hot air 160 °C	%	appr. 9	appr. 9	appr. 9	appr. 9	appr. 9	appr. 9

General	Unit of measure	test method
Width	mm	DIN EN 1773
Thickness in the middle of the tape	mm	DIN EN ISO 5084
Thickness at the edges of the tape	mm (max.)	DIN EN ISO 5084
Tear force	N	DIN EN ISO 13934-1
Tape weight	g/m (min)	DIN EN 12127
Shrinkage hot air 160 °C	%	

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