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## Polyglas tape SV3

Polyglas tapes are winding tapes made of unidirectional glass fibers impregnated with a thermosetting polyester resin in B-stage.

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### Attributes

Polyglas tapes have a high tensile strength combined with a low elongation and high moisture resistance after curing. The resin system shows sufficient flow during the curing process to create a compact and durable winding or bandage.

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### Application

Polyglas tape is suitable for banding all kind of motor rotor coils and overhangs. It is also used for tying cores, coils and columns of dry and oil transformers.

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### Standards

Type F - Klasse F (155 °C)

Type H - Klasse H (180 °C)

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### Delivery forms

In tapes of 200m length.

Standard width: 10, 15, 20, 25 mm, other widths on request.

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### Storage

Originally packed:

Max. 4 months at 30 °C

Max. 8 months at 20 °C

Max. 16 months at 10 °C

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### Hardening

The necessary time to achieve the requested temperature of the object is not included into the table.

Temperature in °C Time in h

120	24
135	4
150	1.5
165	1

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Updated 01/22



Typical mechanical properties	Unit of measure	Typ F	Typ H
Nominal thickness	mm	0.30	0.30
Thickness tolerance	mm	±0.03	±0.03
Specific weight	g/m <sup>2</sup>	544±30	544±30
Resin content	%	25±2	25±2
Tensile strength pre curing	N/cm	≥2000	≥2000
Tensile strength post curing at 23 °C	N/cm	≥2500	≥2500
Tensile strength post curing at 155 °C	N/cm	≥2000	≥2000
Thermal class	°C	155	180

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