SynFlex Elektro GmbH
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Glass Fibre Sleeving F/GS SV7 UL

The F/GS SV7 UL sleeving consists of a glass fibre sleeving with a polyurethane coating.

Attributes

The F/GS SV7 UL sleeving is characterised by its excellent mechanical porperties at working temperatures from -30 to +155 °C (200 °C for short periods).

Application

- Automotive
- Transformer
- Wind Energy
- White goods
- Electronic applications

Standards

- In accordance with IEC 60684-3-409
- UL E-file: E363755

Delivery forms

Packaging: carton spools

Inner diameter (mm)	Standard packaging (m)
0.5 - 2.5	200
3.0 - 7.0	100
8.0 - 14.0	50

Further dimensions, colours and packagings on request. All dimensions are also available in adjusted length.

Color

Standard: Nature, black, red, yellow, blue, green

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Updated 05/24

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Dimension	Unit of measure						
Inner diameter (ID)	mm	0.5	0.8	1.0	1.5	2.0	2.5
Tolerance (ID)	mm	+0.3	+0.3	+0.4	+0.4	+0.4	+0.4
Wall thickness (WT)	mm	0.5	0.5	0.5	0.5	0.5	0.5
Tolerance (wt)	mm	±0.1	±0.1	±0.15	±0.15	±0.15	±0.15

Dimension	Unit of measure						
Inner diameter (ID)	mm	3.0	3.5	4.0	5.0	6.0	7.0
Tolerance (ID)	mm	+0.4	+0.4	+0.5	+0.5	+0.5	+0.5
Wall thickness (WT)	mm	0.5	0.5	0.5	0.5	0.5	0.5
Tolerance (wt)	mm	±0.15	±0.15	±0.15	±0.15	±0.15	±0.15

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Dimension	Unit of measure					
Inner diameter (ID)	mm	8.0	9.0	10.0	12.0	14.0
Tolerance (ID)	mm	+0.6	+0.6	+0.6	+0.6	+1.0
Wall thickness (WT)	mm	0.7	0.7	0.7	0.7	0.7
Tolerance (wt)	mm	±0.2	±0.2	±0.2	±0.2	±0.3

Electrical	Unit of measure	Werte
Dielectric strength at RT	kV	≥5
Insulation resistance	MΩ	≥ 10*3

Chemical	Werte
Resistant against	Moisture, transformer oils, many acids and alkalis

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