SynFlex Elektro GmbH
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Textile Braided Sleeving F/GS SV2

The F/GS SV2 sleeving consists of a glass yarn sleeving with a polymer coating of PUR.

Attributes

The F/GS SV2 sleeving is flexible, non-transparent and available in various colours. The glass fabric sleeving ensures very good mechanical properties at high temperatures up to class F (155 °C).

Application

The F/GS SV2 sleeving is used as additional mechanical protection for connecting cables and winding wires at high temperatures and mechanical loads. It also provides additional insulation in electrical machines and transformers as well as in some electronic applications.

Standards

Thermal class F (155 °C)

Acc. to DIN EN (IEC) 60684-3-409

Delivery forms

Standard colour: nature (up to ID 25)

Sleeving Inner diameter	Format: length in m on
≤ 4.0 mm	200 m cardboard ring
5.0 - 12.0 mm	100 m cardboard ring
> 13.0 mm	50 m cardboard

Further dimensions, colours and formats on request. All dimensions can be delivered in adapted lengths.

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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	+ 0.40	+ 0.40	+ 0.40	+ 0.40	+ 0.40	+ 0.40
Wall thickness (WT)	mm	0.50	0.50	0.50	0.50	0.50	0.50
Tolerance (wt)	mm	± 0.15	± 0.15	± 0.15	± 0.15	± 0.15	± 0.15

Dimension	Unit of measure						
Inner diameter (ID)	mm	3.0	3.5	4.0	4.5	5.0	6.0
Tolerance (ID)	mm	+ 0.50	+ 0.50	+ 0.50	+ 0.50	+ 0.50	+ 0.50
Wall thickness (WT)	mm	0.60	0.60	0.60	0.60	0.60	0.60
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	7.0	8.0	9.0	10.0	12.0	14.0
Tolerance (wt)	mm	± 0.15	± 0.20	± 0.20	± 0.20	± 0.20	± 0.30
Wall thickness (WT)	mm	0.60	0.70	0.70	0.70	0.70	0.70
Tolerance (ID)	mm	+ 0.50	+ 0.60	+ 0.60	+ 0.60	+ 0.60	+ 1.00

Dimension	Unit of measure				
Inner diameter (ID)	mm	16.0	18.0	20.0	25.0
Tolerance (ID)	mm	+ 1.00	+ 1.00	+ 1.00	+ 1.20
Wall thickness (WT)	mm	0.70	0.70	0.70	1.00
Tolerance (wt)	mm	± 0.30	± 0.30	± 0.30	± 0.50

Thermal	Values
Thermal class	F (155 °C)
Application range	- 40 °C up to 155 °C

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Electrical	Unit of measure	Values
Dielectric strength	kV	min. 4

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