
Textile Braided Sleeving F/GS SV6 UL

The F/GS SV6 UL sleeving consists of a glass yarn sleeving with a polymer coating of polyurethane.

Attributes

The F/GS SV6 UL sleeving is flexible, non-transparent and available in various colours. The glass fibre sleeving ensures very good mechanical properties at high temperatures up to class F (155 °C). It is applicable for temperature ranges between -30 and +155 °C. The sleeving shows very good resistance to hydrocarbons as well as transformer oils and liquid fuels which do not lead to decomposition. It is also halogen free and watertight.

Standards

- Temperature class F (155 °C)
- In accordance with
 - EN (CEI) 60684-3 sheet 409 (12/1999)
 - EN 60684-1 (10/2003)
 - EN 60684-2 (07/2012)
- Manufactured according to IEC standard
- UL 1441 / CSA C22.2 no. 198.3
- Flame retardent test approved (horizontal test), file UZKX2-E363755

Delivery forms

Packaging:

0.5 mm: 400 m
0.8 - 1.5 mm: 300 m
2.0 - 6.0 mm: 200 m
7.0 - 12 mm: 100 m
13 - 20 mm: 50 m
22 - 40 mm: 25 m

Color

Standard: Nature

Other colours (only up to diameter 20 mm): green, blue, red, anthracite, orange, yellow.

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Updated 05/24



Dimension	Unit of measure						
Inner diameter (ID)	mm	0.5	0.8	1.0	1.5	2.0	2.5
Tolerance (ID)	mm	±0.15	±0.20	±0.2	±0.2	±0.20	±0.20
Wall thickness (wt) min.	mm	0.35	0.35	0.35	0.35	0.35	0.35

Dimension	Unit of measure						
Inner diameter (ID)	mm	3.0	3.5	4.0	4.0	5.0	6.0
Tolerance (ID)	mm	±0.25	±0.25	±0.25	±0.25	±0.25	±0.25
Wall thickness (wt) min.	mm	0.35	0.35	0.35	0.35	0.35	0.35

Dimension	Unit of measure						
Inner diameter (ID)	mm	7.0	8.0	9.0	10	12	14

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Dimension	Unit of measure						
Tolerance (ID)	mm	±0.25	±0.30	±0.30	±0.30	±0.30	±0.50
Wall thickness (wt) min.	mm	0.35	0.50	0.50	0.50	0.50	0.50

Dimension	Unit of measure						
Inner diameter (ID)	mm	16	18	20	22	25	30
Tolerance (ID)	mm	±0.50	±0.50	±0.50	±0.60	±0.60	±0.60
Wall thickness (wt) min.	mm	0.50	0.50	0.50	0.50	0.50	1.00

Dimension	Unit of measure			
Inner diameter (ID)	mm	32	35	40
Tolerance (ID)	mm	±0.60	±0.60	±0.60
Wall thickness (wt) min.	mm	1.00	1.00	1.00

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Thermal	Unit of measure	Value
Thermal class	°C	F (155)
Application area	°C	-30 up to +155

Electrical	Unit of measure	Value	Test method
Dielectric strength	kV	min. 3	DIN EN 60684

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