
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 retardant test approved (horizontal test), file UZKX2-E363755
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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.

Dimension	Unit of measure						
Inner diameter (ID)	mm	0.5	0.8	1.0	1.5	2.0	2.5
Tolerance (ID)	mm	\pm 0.15	\pm 0.20	\pm 0.2	\pm 0.2	\pm 0.20	\pm 0.2

Dimension	Unit of measure						
Inner diameter (ID)	mm	3.0	3.5	4.0	4.5	5.0	6.0
Tolerance (ID)	mm	\pm 0.25	\pm 0.25	\pm 0.25	\pm 0.25	\pm 0.25	\pm 0.25

Dimension	Unit of measure						
Inner diameter (ID)	mm	7.0	8.0	9.0	10	12	14
Tolerance (ID)	mm	\pm 0.25	\pm 0.30	\pm 0.30	\pm 0.30	\pm 0.30	\pm 0.50

Dimension	Unit of measure						

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Updated 11/22



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

Dimension	Unit of measure			
Inner diameter (ID)	mm	32	35	40
Tolerance (ID)	mm	± 0.60	± 0.60	± 0.60

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. 4	DIN EN 60684

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