
Textile Braided Sleeving F/GS-R SV6 UL

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

Attributes

The F/GS-R SV6 UL sleeving is flexible but more rigid than the normal F/GS SV6 due to its narrow spinning. It is non-transparent and available in various colours. The glass fiber sleeving ensures very good mechanical properties at high temperatures up to class F (155 °C). It is applicable for temperature ranges between -30 and +150 °C. The sleeving shows a good resistance to hydrocarbons as well as transformer oils and liquid fuels which do not lead to a decomposition. It is also halogen-free and watertight.

Standards

- Temperature class F (155 °C)
- UL 1441 / CSA C22.2, no. 198.2, file-no.: UZKX2-E363755
- 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

Delivery forms

Packaging:

0.5 mm: 400 m

0.8 to 1.5 mm: 300 m

2 to 6 mm: 200 m

7 to 12 mm: 100 m

13 to 20 mm: 50 m

22 to 45 mm: 25 m

Color

Standard colour: 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	± 0.15	± 0.20	± 0.20	± 0.20	± 0.20	± 0.20

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

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

Dimension	Unit of measure						
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Updated 05/24



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	45
Tolerance (ID)	mm	± 0.60	± 0.60	± 0.60	± 0.60

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

Electrical	Unit of measure	Values	Test method
Dielectric strength	kV	min. 4	DIN EN 60684

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