
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.

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

The information on this data sheet is based on the information provided by our supplier. It does not represent any specification or agreements regarding conditions or properties. The indicated values are standard values. Deviations from those values due to production and application cannot be excluded. The information on this data sheet is addressed to experts who use it at their own discretion and at their own risk. We do not guarantee results, or accept liability for the indicated specifications or for results obtained based on the specifications. Please contact us for more detailed information. Non-toxic and toxic substances are listed on the safety data sheet.
Updated 05/24



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

The information on this data sheet is based on the information provided by our supplier. It does not represent any specification or agreements regarding conditions or properties. The indicated values are standard values. Deviations from those values due to production and application cannot be excluded. The information on this data sheet is addressed to experts who use it at their own discretion and at their own risk. We do not guarantee results, or accept liability for the indicated specifications or for results obtained based on the specifications. Please contact us for more detailed information. Non-toxic and toxic substances are listed on the safety data sheet.
Updated 05/24



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

The information on this data sheet is based on the information provided by our supplier. It does not represent any specification or agreements regarding conditions or properties. The indicated values are standard values. Deviations from those values due to production and application cannot be excluded. The information on this data sheet is addressed to experts who use it at their own discretion and at their own risk. We do not guarantee results, or accept liability for the indicated specifications or for results obtained based on the specifications. Please contact us for more detailed information. Non-toxic and toxic substances are listed on the safety data sheet.
Updated 05/24

