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## Textile Braided Sleeving H/GS SV6 UL

The H/GS SV6h UL-sleeving consists of a glass yarn with a polymer coating of silicone.

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### Attributes

The H/GS SV6 UL sleeving is flexible, non-transparent and available in various colours. The glass fiber sleeving ensures very good mechanical properties at high temperatures up to class H (180 °C). It is applicable for temperature ranges between -60 and +250 °C. The sleeving shows a good resistance to UV as well as transformer oils and liquid fuels which do not lead to a decomposition. It is also halogen-free and watertight.

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### Standards

- Temperature class H (180°C)
- HL1, HL2 and HL3 acc. to railway standard DIN EN 45545
- In accordance with:
  - EN (CEI) 60684-3, sheet 400 to 402 (02/2003)
  - EN 60684-1 (10/2003)
  - EN 60684-2 (07/2012)
  - EN 60695-2-11 (09/2014)
- Manufactured acc. to IEC standard
- Homologation UL 1441 / CSA C22.2 No. 198.3  
Grade A silicone covered fiberglass sleeving  
rated 200 °C, 600 V  
file-no. UZFT2/8 - E468446
- Flamability class VW-1 for red (ID: 0.64 - 50 mm) and black (ID: 10 - 50 mm)
- Horizontal flamability for black (ID: <10 mm)

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### 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 25 mm: 25 m

26 to 50 mm: 30 m

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### Color

Standard colour: Black and brick red (other colours on request)

Dimension	Unit of measure						
Inner diameter (ID)	mm	0.5	0.8	1.0	1.5	2.0	2.5
Tolerance (ID)	mm	± 0.10	± 0.10	± 0.20	± 0.20	± 0.20	± 0.20

Dimension	Unit of measure						
Inner diameter (ID)	mm	3.0	3.5	4.0	5.0	6.0	7.0
Tolerance (ID)	mm	± 0.20	± 0.20	± 0.25	± 0.25	± 0.25	± 0.25

Dimension	Unit of measure						
Inner diameter (ID)	mm	8.0	9.0	10	12	14	16
Tolerance (ID)	mm	± 0.25	± 0.50	± 0.50	± 0.50	± 0.50	±1

Dimension	Unit of measure						
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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.

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Dimension	Unit of measure						
Inner diameter (ID)	mm	18	20	22	25	30	35
Tolerance (ID)	mm	±1	±1	±1	±1	±1	±1

Dimension	Unit of measure			
Inner diameter (ID)	mm	40	45	50
Tolerance (ID)	mm	±1	±1	±1

Thermal	Unit of measure	Values
Thermal class	°C	H (180)
Application area	°C	-60 up to +250

Electrical	Unit of measure	Values	Test method
Dielectric strength	kV	min. 7	DIN EN 60684

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