
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 |

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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 |

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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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