
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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| 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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