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## Glass Fibre Sleeving F/GS SV7 UL

The F/GS SV7 UL sleeving consists of a glass fibre sleeving with a polyurethane coating.

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### Attributes

The F/GS SV7 UL sleeving is characterised by its excellent mechanical properties at working temperatures from -30 to +155 °C (200 °C for short periods).

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### Application

- Automotive
- Transformer
- Wind Energy
- White goods
- Electronic applications

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### Standards

- In accordance with IEC 60684-3-409
- UL E-file: UZKX2.E363755 - horizontal flammability

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### Delivery forms

Packaging: carton spools

#### Inner diameter (mm) Standard packaging (m)

|            |     |
|------------|-----|
| 0.5 - 2.5  | 200 |
| 3.0 - 7.0  | 100 |
| 8.0 - 14.0 | 50  |

Further dimensions, colours and packagings on request. All dimensions are also available in adjusted length.

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### Color

Standard: Nature, black, red, yellow, blue, green

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Updated 05/24



| Dimension           | Unit of measure |      |      |       |       |       |       |
|---------------------|-----------------|------|------|-------|-------|-------|-------|
| Inner diameter (ID) | mm              | 0.5  | 0.8  | 1.0   | 1.5   | 2.0   | 2.5   |
| Tolerance (ID)      | mm              | +0.3 | +0.3 | +0.4  | +0.4  | +0.4  | +0.4  |
| Wall thickness (WT) | mm              | 0.5  | 0.5  | 0.5   | 0.5   | 0.5   | 0.5   |
| Tolerance (wt)      | mm              | ±0.1 | ±0.1 | ±0.15 | ±0.15 | ±0.15 | ±0.15 |

| Dimension           | Unit of measure |       |       |       |       |       |       |
|---------------------|-----------------|-------|-------|-------|-------|-------|-------|
| Inner diameter (ID) | mm              | 3.0   | 3.5   | 4.0   | 5.0   | 6.0   | 7.0   |
| Tolerance (ID)      | mm              | +0.4  | +0.4  | +0.5  | +0.5  | +0.5  | +0.5  |
| Wall thickness (WT) | mm              | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   |
| Tolerance (wt)      | mm              | ±0.15 | ±0.15 | ±0.15 | ±0.15 | ±0.15 | ±0.15 |

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| Dimension           | Unit of measure |      |      |      |      |      |
|---------------------|-----------------|------|------|------|------|------|
| Inner diameter (ID) | mm              | 8.0  | 9.0  | 10.0 | 12.0 | 14.0 |
| Tolerance (ID)      | mm              | +0.6 | +0.6 | +0.6 | +0.6 | +1.0 |
| Wall thickness (WT) | mm              | 0.7  | 0.7  | 0.7  | 0.7  | 0.7  |
| Tolerance (wt)      | mm              | ±0.2 | ±0.2 | ±0.2 | ±0.2 | ±0.3 |

| Electrical                | Unit of measure | Werte  |
|---------------------------|-----------------|--------|
| Dielectric strength at RT | kV              | ≥5     |
| Insulation resistance     | MΩ              | ≥ 10*3 |

| Chemical          | Werte                                              |
|-------------------|----------------------------------------------------|
| Resistant against | Moisture, transformer oils, many acids and alkalis |

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