
Glass Fibre Sleeving F/GS SV7 UL

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

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).

Application

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

Standards

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

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 |
| 16.0 - 32.0 | a1m (50 m) |
| 34.0 - 50.0 | a1m (50 m) |

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

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 | 16.0 |
| Tolerance (ID) | mm | +0.6 | +0.6 | +0.6 | +0.6 | +1.0 | +1.0 |
| Wall thickness (WT) | mm | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| Tolerance (wt) | mm | ±0.2 | ±0.2 | ±0.2 | ±0.2 | ±0.3 | ±0.3 |

| Dimension | Unit of measure | | | | | | |
|---------------------|-----------------|------|------|------|------|------|------|
| Inner diameter (ID) | mm | 18.0 | 20.0 | 22.0 | 24.0 | 25.0 | 26.0 |
| Tolerance (ID) | mm | +1.0 | +1.0 | +1.0 | +1.0 | +1.0 | +1.0 |
| Wall thickness (WT) | mm | 0.7 | 0.7 | 0.7 | 0.8 | 0.8 | 1.0 |
| Tolerance (wt) | mm | ±0.3 | ±0.3 | ±0.3 | ±0.3 | ±0.3 | ±0.3 |

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| Dimension | Unit of measure | | | | | | |
|---------------------|-----------------|------|------|------|------|------|--|
| Inner diameter (ID) | mm | 28.0 | 30.0 | 32.0 | 34.0 | 36.0 | |
| Tolerance (ID) | mm | +1.0 | +1.2 | +1.2 | +1.2 | +1.2 | |
| Wall thickness (WT) | mm | 1.0 | 1.2 | 1.2 | 1.2 | 1.2 | |
| Tolerance (wt) | mm | ±0.3 | ±0.4 | ±0.4 | ±0.4 | ±0.4 | |

| Dimension | Unit of measure | | | | |
|---------------------|-----------------|------|------|------|------|
| Inner diameter (ID) | mm | 38.0 | 40.0 | 45.0 | 50.0 |
| Tolerance (ID) | mm | +1.2 | +1.5 | +2.0 | +2.0 |
| Wall thickness (WT) | mm | 1.2 | 1.2 | 1.2 | 1.2 |
| Tolerance (wt) | mm | ±0.5 | ±0.5 | ±0.5 | ±0.5 |

| Electrical | Unit of measure | Werte |
|---------------------------|-----------------|-------|
| Dielectric strength at RT | kV | ≥5 |

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

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