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## H/GS SV2 UL textile braided sleeving, glass fibre fabric

The H/GS SV2 UL sleeving consists of a glass yarn sleeving with a polymer coating of modified silicone.

### Attributes

H/GS SV2 UL is flexible, elasctic and water-resistant. The glass fabric sleeving ensures very good mechanical properties even at very high temperatures up to class H (180 °C).

### Application

The H/GS SV2 UL sleeving is generally used as mechanical protection for cables and enamelled copper wires if very high thermal resistance is required.  It offers additional insulation in electrical machines and electrical engineering equipment as well as in some electronic applications.

### Standards

Thermal class H (180 °C) - short-term up to 250 °C
UL: UZIQ2 E517788

### Delivery forms

Standard colour: nature (up to ID 16)

| Inner diameter | Format example |
|---|---|
| ≤ 3.0 mm | 200 m loose windings |
| 5.0-12.0 mm | 100 m cardboard ring |
| > 13.0 mm | 50 m cardboard ring |

Further dimensions, colours and formats on request. All dimensions can be delivered in adapted lengths.

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| **Mechanical** | Unit of measure | | | | | | |
|---|---|---|---|---|---|---|---|
| Inner diameter (ID) | mm | 0.3 | 0.5 | 0.8 | 1.0 | 1.5 | 2.0 |
| Tolerance (ID) | mm | +0.10 | +0.2 | +0.2 | +0.4 | +0.4 | +0.4 |
| Wall thickness (wt) min. | mm | 0.20 | 0.25 | 0.25 | 0.25 | 0.35 | 0.35 |
| Wall thickness (wt) max. | mm | 0.30 | 0.50 | 0.50 | 0.70 | 0.70 | 0.80 |

| **Mechanical** | Unit of measure | | | | | | |
|---|---|---|---|---|---|---|---|
| Inner diameter (ID) | mm | 2.5 | 3.0 | 4.0 | 5.0 | 6.0 | 8.0 |
| Tolerance (ID) | mm | +0.4 | +0.4 | +0.5 | +0.5 | +0.5 | +0.5 |
| Wall thickness (wt) min. | mm | 0.40 | 0.40 | 0.50 | 0.50 | 0.5 | 0.50 |
| Wall thickness (wt) max. | mm | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 | 1.00 |

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| **Mechanical** | Unit of measure | | | | |
|---|---|---|---|---|---|
| Inner diameter (ID) | mm | 10.0 | 12.0 | 16.0 | 20.0 |
| Tolerance (ID) | mm | +1.0 | +1.0 | +2.0 | +2.0 |
| Wall thickness (wt) min. | mm | 0.60 | 0.65 | 0.65 | 0.65 |
| Wall thickness (wt) max. | mm | 1.00 | 1.20 | 1.20 | 1.20 |

| **Electrical** | Unit of measure | Values |
|---|---|---|
| Dielectric strength | kV | 4 |

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