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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.

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### **Attributes**

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

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### **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.

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### **Standards**

Thermal class H (180 °C) - short-term up to 250 °C

UL: UZIQ2 E517788

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### **Delivery forms**

Standard colour: nature (up to ID 20)

### **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.

| 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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Updated 05/24



| 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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