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## Textile Braided Sleeving F/GS SV2

The F/GS SV2 sleeving consists of a glass yarn sleeving with a polymer coating of PUR.

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### Attributes

The F/GS SV2 sleeving is flexible, non-transparent and available in various colours. The glass fabric sleeving ensures very good mechanical properties at high temperatures up to class F (155 °C).

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### Application

The F/GS SV2 sleeving is used as additional mechanical protection for connecting cables and winding wires at high temperatures and mechanical loads. It also provides additional insulation in electrical machines and transformers as well as in some electronic applications.

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### Standards

Thermal class F (155 °C)

Acc. to DIN EN (IEC) 60684-3-409

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### Delivery forms

Standard colour: nature (up to ID 25)

| Sleeving Inner diameter | Format: length in m on |
|-------------------------|------------------------|
| ≤ 4.0 mm                | 200 m cardboard ring   |
| 5.0 - 12.0 mm           | 100 m cardboard ring   |
| > 13.0 mm               | 50 m cardboard         |

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

| Dimension           | Unit of measure |        |        |        |        |        |        |
|---------------------|-----------------|--------|--------|--------|--------|--------|--------|
| Inner diameter (ID) | mm              | 0.5    | 0.8    | 1.0    | 1.5    | 2.0    | 2.5    |
| Tolerance (ID)      | mm              | + 0.40 | + 0.40 | + 0.40 | + 0.40 | + 0.40 | + 0.40 |
| Wall thickness (WT) | mm              | 0.50   | 0.50   | 0.50   | 0.50   | 0.50   | 0.50   |
| Tolerance (wt)      | mm              | ± 0.15 | ± 0.15 | ± 0.15 | ± 0.15 | ± 0.15 | ± 0.15 |

| Dimension           | Unit of measure |        |        |        |        |        |        |
|---------------------|-----------------|--------|--------|--------|--------|--------|--------|
| Inner diameter (ID) | mm              | 3.0    | 3.5    | 4.0    | 4.5    | 5.0    | 6.0    |
| Tolerance (ID)      | mm              | + 0.50 | + 0.50 | + 0.50 | + 0.50 | + 0.50 | + 0.50 |
| Wall thickness (WT) | mm              | 0.60   | 0.60   | 0.60   | 0.60   | 0.60   | 0.60   |
| 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              | 7.0        | 8.0        | 9.0        | 10.0       | 12.0       | 14.0       |
| Tolerance (wt)      | mm              | $\pm 0.15$ | $\pm 0.20$ | $\pm 0.20$ | $\pm 0.20$ | $\pm 0.20$ | $\pm 0.30$ |
| Wall thickness (WT) | mm              | 0.60       | 0.70       | 0.70       | 0.70       | 0.70       | 0.70       |
| Tolerance (ID)      | mm              | + 0.50     | + 0.60     | + 0.60     | + 0.60     | + 0.60     | + 1.00     |

| Dimension           | Unit of measure |            |            |            |            |
|---------------------|-----------------|------------|------------|------------|------------|
| Inner diameter (ID) | mm              | 16.0       | 18.0       | 20.0       | 25.0       |
| Tolerance (ID)      | mm              | + 1.00     | + 1.00     | + 1.00     | + 1.20     |
| Wall thickness (WT) | mm              | 0.70       | 0.70       | 0.70       | 1.00       |
| Tolerance (wt)      | mm              | $\pm 0.30$ | $\pm 0.30$ | $\pm 0.30$ | $\pm 0.50$ |

| Thermal           | Values               |
|-------------------|----------------------|
| Thermal class     | F (155 °C)           |
| Application range | - 40 °C up to 155 °C |

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| Electrical          | Unit of measure | Values |
|---------------------|-----------------|--------|
| Dielectric strength | kV              | min. 4 |

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