
Textile Braided Sleeving F/GS

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

Attributes

The F/GS 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). It is applicable for temperature ranges between -20 and +155 °C. It is resistant against chemicals, oils and lubricants.

Application

The F/GS 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.

Standards

Thermal class F (155 °C)

In accordance with DIN EN 60684-3, sheet 409:1999

Delivery forms

Standard colour: natural - up to ID 30 mm.

Black up to ID 12

Yellow, green, red up to ID 6.

Special colours available on request.

0.5 - 2.0 mm 200 m

2.0 - 3.5 mm 100 m spool

4.0 - 10.0 mm 100 m cardboard core

11.0 - 16.0 mm 50 m cardboard core

From 14.0 mm - 1 m sections

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

Dimension	Unit of measure						
Inner diameter (ID)	mm	0.5	0.8	1	1.5	2	2.5
Tolerance (ID)	mm	+0.30	+0.40	+0.40	+0.40	+0.40	+0.40
Wall thickness (wt) nominal	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

Dimension	Unit of measure						
Inner diameter (ID)	mm	3	3.5	4	4.5	5	6
Tolerance (ID)	mm	+0.50	+0.50	+0.50	+0.50	+0.50	+0.50
Wall thickness (wt) nominal	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

The information on this data sheet is based on the information provided by our supplier. It does not represent any specification or agreements regarding conditions or properties. The indicated values are standard values. Deviations from those values due to production and application cannot be excluded. The information on this data sheet is addressed to experts who use it at their own discretion and at their own risk. We do not guarantee results, or accept liability for the indicated specifications or for results obtained based on the specifications. Please contact us for more detailed information. Non-toxic and toxic substances are listed on the safety data sheet.
Updated 05/24



Dimension	Unit of measure						
Inner diameter (ID)	mm	7	8	9	10	12	14
Tolerance (ID)	mm	+0.50	+0.60	+0.60	+0.60	+0.60	+1.00
Wall thickness (wt) nominal	mm	0.5	0.7	0.7	0.7	0.7	0.7
Tolerance (wt)	mm	±0.15	±0.30	±0.30	±0.30	±0.30	±0.30

Dimension	Unit of measure	
Inner diameter (ID)	mm	16
Tolerance (ID)	mm	+1.00
Wall thickness (wt) nominal	mm	0.7
Tolerance (wt)	mm	±0.30

Meter sections	Unit of measure						
Inner diameter (ID)	mm	14	16	18	20	26	30

The information on this data sheet is based on the information provided by our supplier. It does not represent any specification or agreements regarding conditions or properties. The indicated values are standard values. Deviations from those values due to production and application cannot be excluded. The information on this data sheet is addressed to experts who use it at their own discretion and at their own risk. We do not guarantee results, or accept liability for the indicated specifications or for results obtained based on the specifications. Please contact us for more detailed information. Non-toxic and toxic substances are listed on the safety data sheet.
Updated 05/24



Meter sections	Unit of measure						
Tolerance (ID)	mm	±0.5	±0.5	±0.5	±0.5	±0.6	±0.6
Wall thickness (wt) nominal	mm	0.7	0.7	0.7	0.7	1.0	1.2
Tolerance (wt)	mm	±0.30	±0.30	±0.30	±0.30	±0.50	±0.50

Thermal	Unit of measure	Values
Thermal class	°C	F (155)
Application range	°C	-20 up to 155

Electrical	Unit of measure	Values	Test method
Dielectric strength	kV	min. 4	DIN EN 60684

The information on this data sheet is based on the information provided by our supplier. It does not represent any specification or agreements regarding conditions or properties. The indicated values are standard values. Deviations from those values due to production and application cannot be excluded. The information on this data sheet is addressed to experts who use it at their own discretion and at their own risk. We do not guarantee results, or accept liability for the indicated specifications or for results obtained based on the specifications. Please contact us for more detailed information. Non-toxic and toxic substances are listed on the safety data sheet.
Updated 05/24

