

---

## F/GS AC UL 1G glass fibre sleeving

The F/GS AC UL 1G sleeving consists of a glass yarn sleeving with an acrylate based varnish.

---

### Attributes

The F/GS AC UL 1G sleeving is flexible, non-transparent and available in various colours. The glass fabric sleeving ensures very good mechanical properties even at very high temperatures up to class F (155 °C).

---

### Application

The F/GS AC UL 1G sleeving is generally used as mechanical protection for cables and winding wires at high temperature and at increased mechanical loads. It offers additional insulation in electrical machines and electrical engineering equipment as well as in some electronic applications.

---

### Standards

Thermal class F (155 °C) - short term up to 190 °C

UL approved UZFT2.E468446

UL approved UZFT8.E468446

UL 1446

Flamability VW-1

Oil resistance 80 °C

---

### Delivery forms

#### Sleeving inner diameter (mm) Format length

0.5 - 2.0	500 m reel
3.0	200 m reel
3.5	350 m reel
4.0 - 5.0	300 m reel
6.0	250 m reel
7.0 - 8.0	200 m reel
9.0 - 10.0	150 m reel
12.0 - 16.0	100 m reel
18.0 - 24.0	50 m ring

---

### Color

Standard colors are natural, black (up to ID12), green, red and yellow (up to ID6).

Other colours on request.

Dimension	Unit of measure						
Inner diameter (ID)	mm	0.8	1.0	1.5	2.0	2.5	3.0
Tolerance (ID)	mm	+0.18	+0.23	-0.05/+0.2	+0.25	+0.20	-0.1/+0.2
Wall thickness (wt) min.	mm	0.330	0.381	0.381	0.381	0.457	0.457

Dimension	Unit of measure						
Inner diameter (ID)	mm	3.5	4.0	4.5	5.0	6.0	7.0
Tolerance (ID)	mm	+0.30	+0.40	+0.40	+0.50	+0.50	+0.50
Wall thickness (wt) min.	mm	0.457	0.508	0.508	0.508	0.508	0.508

Dimension	Unit of measure						
Inner diameter (ID)	mm	8.0	9.0	10.0	12.0	14.0	16.0
Tolerance (ID)	mm	+0.50	+0.60	+0.60	+0.60	+0.70	+0.70

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 05/23



Dimension	Unit of measure						
Wall thickness (wt) min.	mm	0.635	0.635	0.635	0.635	0.635	0.635

Dimension	Unit of measure				
Inner diameter (ID)	mm	18.0	20.0	22.0	24.0
Tolerance (ID)	mm	+0.90	+0.90	+0.90	+0.90
Wall thickness (wt) min.	mm	0.635	0.635	0.635	0.635

Thermal	Unit of measure	Values	Test method
Thermal class	°C	155	UL 1441
Application range	°C	-25 up to +155	UL 1441

Electrical	Unit of measure	Values	Test method
Dielectric strength	kV	Individuell min. 5.0	UL 1441
Dielectric strength	kV	Median min. 7.0	UL 1441