

**SILICON FIBERGLASS INSULATING SLEEVINGS**


File E518484

UL approved material

UZFT2/8 File E518484

**Breakdown Voltage**

ISGS-UL : min. 7000 Volt

According to UL 1441

**Thermal properties:**

Operating temp. -70°C +250°C

Short time peaks +265°C

**Packing**

0.5-4.0 200 meters

5.0 – 16.0 100 meters

18 – 30 50 meters

Diameters range 0.5 – 30

**Colors**

Brick red is standard color.

Other colors on request

(Colour tone may vary. This does not affect technical properties of sleeve)

**Certifications**

UL approved material

Cat. UZFT2/8

File E518484

Flame Retardant WV-1



File E518484

ISGS-UL is conform to Rohs

standards

**Notes:**

The values given above are believed to be accurate and given as a matter of information only. As usage conditions are beyond our control we suggest the customer to confirm values and product compatibility prior to its use. We don't guarantee nor accept any responsibility for any particular usage.

**ISGS-UL** is an insulating sleeving made of braided fiberglass yarn coated with a special silicon rubber. It is UL approved in the category UZFT-2/8 (Sleeving, Coated Electrical – Component) Grade A (7000V) File E518484.

This is a Class 200 electrical insulating sleeving rated 200°C and 600V.

- Halogen Free
- Self-extinguishing VW-1
- Highly flexible
- Excellent resistance to impregnation varnishes and resins

**DIMENSIONS:**

Diameter	Tolerance on diameter	Wall thick.	Standard packing
1.0	+0.3 - 0	0.40±0.12	200
1.5	+0.3 - 0	0.60±0.12	200
2.0	+0.3 - 0	0.62±0.12	200
2.5	+0.3 - 0	0.66±0.12	200
3.0	+0.3 - 0	0.66±0.12	200
3.5	+0.4 - 0	0.66±0.12	200
4.0	+0.4 - 0	0.66±0.12	200
4.5	+0.5 - 0	0.66±0.12	100
5.0	+0.5 - 0	0.66±0.12	100
6.0	+0.5 - 0	0.68±0.12	100
7.0	+0.5 - 0	0.68±0.12	100
8.0	+0.6 - 0	0.68±0.12	100
9.0	+0.6 - 0	0.80±0.15	100
10.0	+0.7 - 0	0.85±0.15	100
12.0	+0.7 - 0	0.85±0.15	100
14.0	+0.7 - 0	0.85±0.15	100
16.0	+0.7 - 0	0.85±0.15	100
18.0	+0.7 - 0	0.95±0.20	50
20.0	+0.7 - 0	0.95±0.20	50

**Main Properties:**

Properties	Result
Heating test Resistance	According to UL1441 standards: Maintains its flexibility at +175°C Resists several hours at +225°C Resists 60days at +190°C
Flame resistance	Accordin to UL 1441 the sleeving in vertical position extinguishes within 60 seconds
Humidity resistance	There is no softening of the sleeve
Low temp. resistance	After 60 minutes at -70°C no cracking or detachment must be visible. UL1441 no cracks after 1 hour at -30°C
Chemical resistance	Can resist to impregnation varnishes and resins normally used in motors and transformers manufacturing.