

**Polyurethanes fiberglass sleeving**

Acrylic glass fiber hose is woven E-glass fiber blank tube, coated with acrylic latex is made by heating and drying of the Class B insulation hose. Reliable heat resistance, good electrical properties, good softness and flexibility, and resistance to benzene, oil and other properties, for electrical, electronics, instruments, meters, radio, TV and air-conditioning, fans, washing machines, etc. appliance wiring insulation and mechanical protection.



Appearance: smooth surface, the ends neatly.

Oil: hose at 105 ± 2 °C transformer oil immersed for 24 hours, the film should not be torn off or cracking glass tube, allowing the paint tube darker.

Resistance to benzene: toluene liquid paint tube immersed at room temperature 4 hours, the film is not made paste or off.

内 径		壁 厚	
标 称 (mm)	偏 差 (±)	最 小	最 大
0.3、0.5、0.8	±0.10	0.20	0.50
1.0、1.5	±0.15	0.20	0.75
2.0、2.5	±0.20	0.20	0.75
3.0、3.5、4.0、5.0、6.0	±0.25	0.20	0.75
7.0、8.0	±0.50	0.30	0.75
9.0、10.0、12.0、14.0、16.0、18.0	±0.50	0.40	0.90
20.0、23.0、25.0、27.0	±0.50	0.40	1.00

**Polyurethanes fiberglass sleeving**

Polyurethanes fiberglass sleeving, woven as sleeving by non-alkali fiberglass and coated with polyurethanes in high temperature. It has excellent dielectric, and softness feature, widely used in the class H&N motor, household electrical appliances, heating equipment, the special lamps and lanterns, TV set and electric instrument.



规格尺寸

内 径		壁厚	
标 称	偏差(±)	最小	最大
1.0, 1.5	±0.15	0.2	0.75
2.0, 2.5	±0.20		
3	±0.25		
4.0, 5.0, 6.0	±0.25	0.30	0.75
7.0, 8.0, 9.0, 10	±0.50	0.30	0.75
12, 14, 16, 20	±0.70	0.75	1.25

High temperature-resistance fiberglass sleeving

High temperature of the glass fiber billet 33 tex E-glass fiber yarn woven from, the characteristics of a high temperature, the application of electrical 、 electrical wiring insulation sheathing of the cable and home appliances.

规格 Specifications: 内径从 1.0mm 到 25.0mm Diameter from 1.0 mm to 25.0 mm



High temperature-resistance fiberglass sleeving

1.the scope of application

KL-SRF, woven as sleeving by the high glass fiber or special non-alkali glass fibers and coated with a thick cover of the iron oxide red / blue silicone, it can stop the melting iron splash and high-temperature and flames. It has a fire-retardant ,insulation, thermal insulation and anti-electricity.these features make it applicable to the protection of the cable and pipeline under the bad environment .It May expose continuously in 260℃ but the high temperature does not damages it, It may bear 1000℃ the high temperature, 1000℃ the puncture test may continue for a half hour, a half hour later outside the coating starts to carbonize, but the glass fiber is perfect.



In addition to its fire-retardant properties can effectively prevent persons who are in the high temperature environment, can save substantial loss of thermal energy costs. Products are mainly used in steel plants, smelters, mining, oil, glass factory for high temperature equipment's fire protection, heat insulation and cable insulation protection

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## 2. Key features

- a. (Temperature range) :instantaneous temperature can reach: 1000℃;
- b. (Pressure rating) : 10000 V;
- c. (Common specifications) : (diameter) Φ5.0 mm ~ Φ100 mm;
- d. (Commonly used colors) : red, blue;
- e. (Flame retardant) : UL VW-1;
- f. Products have been certified by UL and SGS.

## High temperature-resistance special fiberglass sleeving

The profile of the use of E-glass fibers woven of high temperatures dipping to dewaxing set profiling bond from a small number of silane category. The characteristics of a high temperature, the application of electrical 、 electrical wiring insulation sheathing of the cable and home appliances.

### 1、Performance:

序号 NO.	Technical index	Units	Index value
1	Weight loss	%	≤0.50
2	Tensile strength	MPa	≥90
3	Jiankou characteristics	—	The profile of the section cut by scissors, Jiankou flush, no fiber spread phenomenon

### 2、Specifications:

(mm) Type	(mm) Wall thickness	Heat resistance	Average voltage	Inflammability
0.5-3.0	0.18±0.05	-10 (°C) +600 (°C)	500V-700V	VW-1
4.0-6.0	0.30±0.05	-10 (°C) +600 (°C)	500V-700V	VW-1
7.0-12.0	0.35±0.05	-10 (°C) +600 (°C)	500V-700V	VW-1
14.0-30.0	0.43±0.05	-10 (°C) +600 (°C)	500V-700V	VW-1

**Double-layer rubber high press tube**



High press tube is produced with extrusive silicone rubber sleeving,weaved non alkali glassfiber,outside extrude silicone rubber.Temperature class-fication of 200°C.Wall thickness of silicone rubber sleeving in inside determine addording to requirement of customer.

**Silicone fiberglass sleeving**

Silicone fiberglass sleeving, woven as sleeving by non-alkali fiberglass and coated with silicone in high temperature. It has excellent dielectric, automatic flame off-self, and softness feature, widely used in the class H&N motor, household electrical appliances, heating equipment, the special lamps and lanterns, TV set and electric instrument.



技术指标 (Technical index):

- 1. 自熄时间 (Automatic quench time): 10 seconds

Type	Testing condition	Inflammability	Heat resistance	Breakdown voltage grade	Average voltage	Individual
SRC-12	UL1441	UL VW-1	+200°C-60°C	C3	1200V	800V
SRC-15	UL1441	UL VW-1	+200°C-60°C	C2	1500V	1000V
SRC-25	UL1441	UL VW-1	+200°C-60°C	C1	2500V	1800V
SRC-40	UL1441	UL VW-1	+200°C-60°C	B	4000V	3000V
SRC-70	UL1441	UL VW-1	+200°C-60°C	A	7000V	5000V

- 2. (Inside diameter):

(mm) Inside diameter		(mm) Wall thickness				
Nominal	Tolerance	1.2KV	1.5KV	2.5KV	4.0KV	7.0KV
0.8	+0.25- 0.0	0.23±0.15	0.23±0.15	0.23±0.15	0.23±0.15	0.38±0.15
1.0	+0.25- 0.0	0.23±0.15	0.23±0.15	0.23±0.15	0.23±0.15	0.38±0.15



1.5	+0.25- 0.0	0.23±0.15	0.23±0.15	0.23±0.15	0.23±0.15	0.38±0.15
2.0	+0.25- 0.0	0.30±0.15	0.30±0.15	0.30±0.15	0.30±0.15	0.38±0.15
2.5	+0.25- 0.0	0.30±0.15	0.30±0.15	0.30±0.15	0.30±0.15	0.38±0.15
3.0	+0.30- 0.0	0.35±0.15	0.35±0.15	0.35±0.15	0.35±0.15	0.46±0.15
3.5	+0.30- 0.0	0.35±0.15	0.35±0.15	0.35±0.15	0.35±0.15	0.46±0.15
4.0	+0.30- 0.0	0.35±0.15	0.35±0.15	0.35±0.15	0.35±0.15	0.46±0.15
4.5	+0.30- 0.0	0.35±0.15	0.35±0.15	0.35±0.15	0.35±0.15	0.46±0.15
5.0	+0.40- 0.0	0.35±0.15	0.35±0.15	0.35±0.15	0.35±0.15	0.50±0.15
5.5	+0.40- 0.0	0.35±0.15	0.35±0.15	0.35±0.15	0.35±0.15	0.50±0.15
6.0	+0.40- 0.0	0.40±0.15	0.40±0.15	0.40±0.15	0.40±0.15	0.50±0.15
7.0	+0.50- 0.0	0.40±0.15	0.40±0.15	0.40±0.15	0.40±0.15	0.54±0.15
8.0	+0.50- 0.0	0.40±0.15	0.40±0.15	0.40±0.15	0.40±0.15	0.54±0.15
9.0	+0.50- 0.0	0.40±0.15	0.40±0.15	0.40±0.15	0.40±0.15	0.54±0.15
10.0	+0.70- 0.0	0.43±0.15	0.43±0.15	0.43±0.15	0.43±0.15	0.64±0.15
11.0	+0.70- 0.0	0.43±0.15	0.43±0.15	0.43±0.15	0.43±0.15	0.64±0.15
12.0-14.0	+0.70- 0.0	0.43±0.15	0.43±0.15	0.43±0.15	0.43±0.15	0.64±0.15

### Silicone rubber fiberglass sleeving (inside rubber and outside fiber)

Silicone rubber fiberglass sleeving (inside rubber and outside fiber), is extruded in to tubes with silicone rubber, outside coated with weaved fiberglass and coated with silicone in high temperature. It has super insulation and temperature-resistance function, widely used in the class H&N motor, household electrical appliances, heating equipment, the special lamps and lanterns, TV set and electric instrument.



#### 1. 技术指标 (Technical index) :

Type	Testing condition	Inflammability	Heat resistance	Average voltage	Individual
SRT-70	UL1441	UL VW-1	+200°C-10°C	7000V	6000V

3. 内径尺寸(Inside diameter) :

Item	性能指标 Value
Continuous Operating Temperature	-60°C+200°C
Temperature Endurance	200°C±2°C 168 hours≥1/2 voltage value
Aging Test	6 hours, no crack
Cold Bend	no crack
Horizontal Flame Test	< 30 seconds
(VW-1)Flame Retardance	< 30 seconds
Volume Resistance	10 <sup>12</sup> Ωcm
Submerge Water Test	Non-tacky, not distortion and no softening

Inside diameter		Wall thickness
内径 Nominal	公差 Tolerance	
1.0~2.5mm	+0.20-0.00mm	0.60±0.20mm
3.0~5.5mm	+0.35-0.00mm	1.00±0.30mm
6.0~9.0mm	+0.50-0.00mm	1.00±0.30mm
10.0~12.0mm	+0.70-0.00mm	1.00±0.30mm

**Silicone rubber fiberglass sleeving(inside fiber and outside rubber)**

Silicone rubber fiberglass sleeving(inside fiber and outside rubber) is weaved into tubes, then formed the product by painting with silicone rubber under high temperature. It has excellent dielectric, automatic flame off-self, and softness feature than silicone fiberglass sleeving, widely used in the class H&N motor, household electrical appliances, heating equipment, the special lamps and lanterns, TV set and electric instrument.



(Technical index) :

1. (Automatic quench time) : 10 seconds

Type	Testing condition	Inflammability	Heat resistance	Average voltage	Individual
SRB-40	UL1441	UL VW-1	+200℃-60℃	4000V	3000V
SRB-70	UL1441	UL VW-1	+200℃-60℃	7000V	5000V

ITEM	性能指标 VALUE
Continuous Operating Temperature	-60℃+200℃
Temperature Endurance	200℃±2℃ 168 hours≥1/2 voltage value
Aging Test	6 hours, no crack
Cold Bend	no crack
Horizontal Flame Test	< 30 seconds
(VW-1)Flame Retardance	< 30 seconds
Volume Resistance	10"Ωcm
Submerge Water Test	Non-tacky, not distortion and no softening

Inside diameter		Wall thickness	
Nominal	Tolerance	4000V	7000V
0.5~2.0mm	+0.20-0.00mm	0.40±0.15mm	0.50±0.15mm
2.5~3.0mm	+0.25-0.00mm	0.40±0.15mm	0.50±0.15mm
3.5~5.0mm	+0.35-0.00mm	0.45±0.15mm	0.55±0.15mm
6.0~9.0mm	+0.50-0.00mm	0.50±0.15mm	0.60±0.15mm
10.0~12.0mm	+0.70-0.00mm	0.60±0.15mm	0.65±0.15mm