

深圳长园电子材料有限公司
上海长园电子材料有限公司

Shenzhen Changyuan Electronic Material Co.,Ltd.

Shanghai Changyuan Electronic Material Co.,Ltd.

承 认 书

CERTIFICATION

客户名称: Customer Name:	产品名称: 硅树脂玻璃纤维套管/硅橡胶玻璃纤维套管 Products Name:			
承认规格: $\Phi 0.5-\Phi 25$ Products Range:	颜 色: 白 Standard :			
产品型号: SGS-12 SGS-15 SGS-25 SGS-40 SRS-70 Products Type:				
客 户 签 章	核 准 Approve	复 核 Re-Check	审 核 Check	主 办 Charge
	日 期 Date	日 期 Date	日 期 Date	日 期 Date

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传真 (Fax): 021-69978838

一、特性参数 Specifications

项 目 Item	硅树脂玻璃纤维套管/硅橡胶玻璃纤维套管 Silicone Glassfiber sleeving/ Silicone Rubber Glassfiber sleeving
连续使用温度 (°C) Temperature Endurance	-10°C+200°C
耐温性 Temperature Endurance	200°C ± 2°C, 168h ≥ 1/2 原电压值
热老化 Aging Test	260°C, 6 小时, 无裂纹 260°C, 6h, No Cracking
冷弯曲 Cold Bend	无裂纹 No Cracking
自熄时间 (秒) Off-self Time (S)	10 秒 10S
水平燃烧 Horizontal Flame Test	≤ 30 秒 ≤ 30S
燃烧性 Flammability	VW-1
体积电阻率 (Ω . cm) Volume Resistivity	10 ¹¹
水解稳定性 Submerge Water Test	不发粘, 不变形, 不软化

型号 Type	测试条件 Testing Condition	平均电压 (伏) Average Voltage(v)	个别值 (伏) Individual Valune(V)
SGS-12	UL1441	1200	1000
SGS-15	UL1441	1500	1000
SGS-25	UL1441	2500	1800
SGS-40	UL1441	4000	3000
SRS-70	UL1441	7000	5000

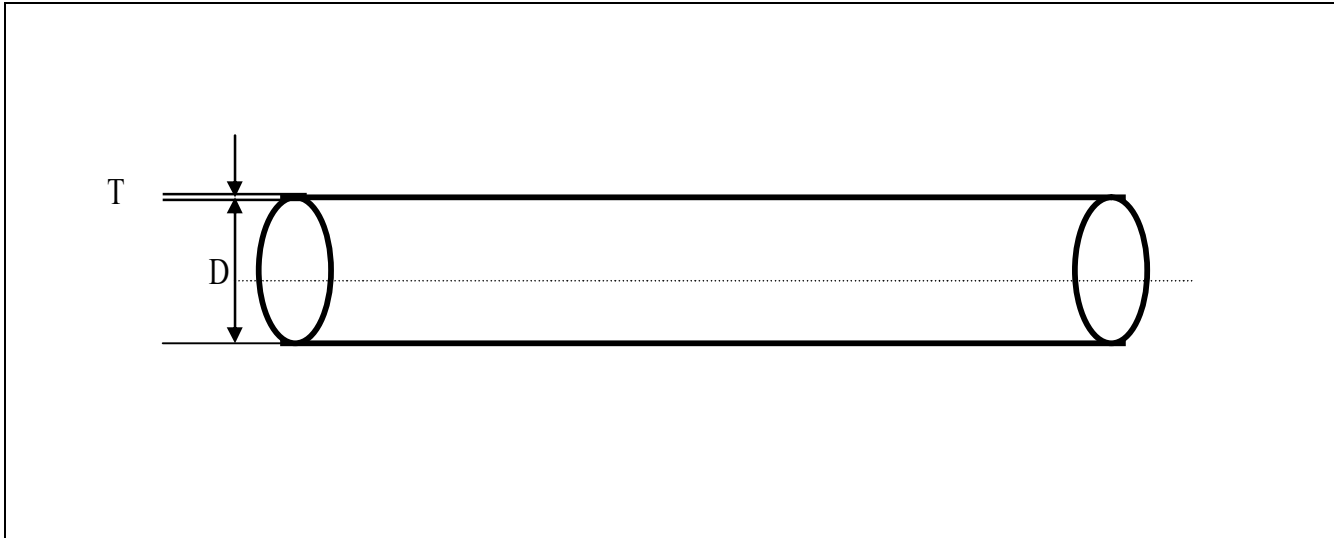
b. 硅橡胶玻璃纤维套管

规格 Size	内径 (D) (mm) Inside Diameter	壁厚 (T) (mm) (内纤外胶)		壁厚 (T) (mm) (内胶外纤)
		4000V	7000V	7000V
Φ 0.5	0.5+0.25/-0	0.40±0.05	0.45±0.05	0.60±0.05
Φ 1.0	1.0+0.25/-0	0.40±0.05	0.45±0.05	0.60±0.05
Φ 1.5	1.5+0.25/-0	0.40±0.05	0.45±0.05	0.60±0.05
Φ 2.0	2.0+0.25/-0	0.40±0.05	0.45±0.05	0.60±0.05
Φ 2.5	2.5+0.30/-0	0.40±0.05	0.50±0.05	0.60±0.05
Φ 3.0	3.0+0.30/-0	0.40±0.05	0.50±0.05	0.70±0.07
Φ 3.5	3.5+0.40/-0	0.45±0.07	0.55±0.07	0.70±0.07
Φ 4.0	4.0+0.40/-0	0.45±0.07	0.55±0.07	0.70±0.07
Φ 4.5	4.5+0.40/-0	0.45±0.07	0.55±0.07	0.70±0.07
Φ 5.0	5.0+0.40/-0	0.45±0.07	0.55±0.07	0.70±0.07
Φ 6.0	6.0+0.55/-0	0.50±0.07	0.60±0.07	0.75±0.07
Φ 7.0	7.0+0.55/-0	0.50±0.07	0.60±0.07	0.75±0.07
Φ 8.0	8.0+0.55/-0	0.50±0.07	0.60±0.07	0.80±0.07
Φ 9.0	9.0+0.55/-0	0.50±0.07	0.60±0.07	0.80±0.07
Φ 10.0	10+0.75/-0	0.60±0.07	0.65±0.07	0.90±0.07
Φ 12.0	12+0.75/-0	0.60±0.07	0.65±0.07	0.90±0.07
Φ 13.0	13+0.90/-0	0.65±0.07	0.70±0.07	1.30±0.07
Φ 14.0	14+0.90/-0	0.65±0.07	0.70±0.07	1.30±0.07
Φ 15.0	15+0.90/-0	0.65±0.07	0.70±0.07	1.30±0.07
Φ 16.0	16+0.90/-0	0.65±0.07	0.70±0.07	1.30±0.07
Φ 17.0	17+0.90/-0	0.65±0.07	0.70±0.07	1.30±0.07
Φ 18.0	18+0.90/-0	0.65±0.07	0.70±0.07	1.30±0.07
Φ 19.0	19+0.90/-0	0.65±0.07	0.70±0.07	≥ 1.20
Φ 20.0	20+0.90/-0	≥ 0.65	≥ 0.70	≥ 1.20
Φ 25.0	25+0.90/-0.2	≥ 0.65	≥ 0.70	≥ 1.20

备注(Remark):

- 1、标准颜色为白色，可接受其他颜色订货 (Standard White ,Special Colors available on request) ;
- 2、可接受特殊规格产品订单 (Other sizes are available upon special order)

三、套管工程图 (Engineering Picture of Sleeving)



单位 (Unit) : 毫米 (mm)	日期 (Date) 13/02/28	名称 (Name) : 玻璃纤维套管	图号 (No.) : CY/CD-SGS, CY/CD-SRS
绘制 (Drawed by)	审核 (Checked by)	批准 (Approved by)	
韦玉怀	雷军	卞文剑	

四. 环保物质控制(Controlled hazardous substances)

Item	测试标准 Test Standard	测试结果 Test Result
镉 (Cd)	IEC 62321/2 111/95/CDV	<100ppm
铅 (Pb)	IEC 62321 111/95/CDV	<1000ppm
汞 (Hg)	IEC 62321 111/95/CDV	<1000ppm
铬 (Cr)	IEC 62321 111/95/CDV	<1000ppm
多溴联苯(PBBs)	IEC 62321 111/95/CDV	<1000ppm
多溴联苯醚(PBBEs)	IEC 62321 111/95/CDV	<1000ppm

五、材质说明:

硅树脂玻璃纤维套管是由无碱玻璃纤维纱织成管后，涂以硅树脂高温处理而成。硅橡胶玻璃纤维套管是由无碱玻璃纤维纱织成管后，涂以硅橡胶高温处理而成。具有良好的介电性、自熄性和柔软性，广泛应用于 H&N 级电机、家用电器、电热设备、特种灯具、电视及电子仪器的内部线束等绝缘保护。

Silicone fiberglass sleeving, woven as sleeving by non-alkali fiberglass and coated with silicone in high temperature. Silicone Rubber glassfiber Sleeving (inside fiber and outside rubber), woven as sleeving by non-alkali fiberglass and coated with silicone rubber in high temperature. It has excellent dielectricity, automatic quench and softness, widely used in the insulation protection of internal line cluster in H&N machinery, household electrical appliances, electric & heat device, special illuminations, TV set and electric instrument.

硅树脂玻璃纤维套管原材料名称			使用目的	含量
中文	ENGLISH	分子式		
玻璃纤维纱	Glassfiber	$\text{SiO}_2 + \text{Al}_2\text{O}_3 + \text{CaO}$	绝缘耐温	50%
硅树脂	Silicone	$(\text{SiO}_2)_n$	绝缘耐压	50%

硅橡胶玻璃纤维套管原材料名称			使用目的	含量
中文	ENGLISH	分子式		
玻璃纤维纱	Glassfiber	$\text{SiO}_2 + \text{Al}_2\text{O}_3 + \text{CaO}$	绝缘耐温	50%
硅橡胶油	Silicone Rubber	$((\text{CH}_3)_2\text{SiO})_n$	绝缘耐压	50%

上海长园电子材料有限公司

Changyuan Electronics (Shanghai) Co., Ltd

2019.2.28 质量部

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CHANGYUAN ELECTRONICS (SHENZHEN) CO LTD

E347521

BLDG 30-4
SHENZHEN SCIENCE & INDUSTRY PARK
NAN SHAN
SHENZHEN, GUANGDONG 518057 CHINA

Flame retardant silicone coated sleeving: Model CB-SGS.

Marking: Company name, catalog designation and "VW-1" on the outside of the spool and on a separate tag on each end of the sleeving, or on the bundling wrapper or on the outside of the container.

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