

**Part Number** CB-SRS1

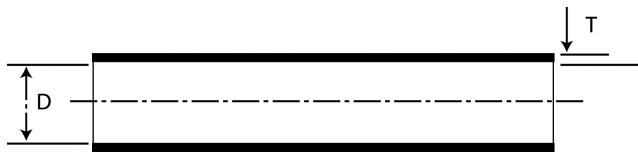
**Header** CB-SRS1 Flame Retardant Fiberglass Tubing (inner Fiberglass/outer Silicone)

**Description** CB-SRS1 series tubing is flexible, flame-retardant and halogen free. CB-SRS is a fiberglass tubing coated with silicone rubber at high temperature.

**Agency Approval & Compliance** UL, CUL, RoHS, Halogen Free, Flame Retardant, REACH

**Application** CB-SRS1 fiberglass tubing provides good electrical insulation and is widely used in many consumer appliances, lighting fixtures, stoves, oven and furnace controls, relays, breaker panels, switchgear and other commercial and industrial applications.

**Temperature Rating** -10°C~200°C

**Standard Sizes and Dimension**


Size	Inside Diameter (mm) (D)	Wall Thickness (mm) (T)		Packing Length (Meter/Roll)
		4000V	7000V	
Φ0.5	0.5+0.2/-0	0.40±0.05	0.45±0.05	200
Φ0.8	0.8+0.2/-0	0.40±0.05	0.45±0.05	200
Φ1.0	1.0+0.2/-0	0.40±0.05	0.45±0.05	200
Φ1.5	1.5+0.2/-0	0.40±0.05	0.45±0.05	200
Φ2.0	2.0+0.2/-0	0.40±0.05	0.45±0.05	200
Φ2.5	2.5+0.25/-0	0.40±0.05	0.50±0.05	100
Φ3.0	3.0+0.25/-0	0.40±0.05	0.50±0.05	100
Φ3.5	3.5+0.35/-0	0.50±0.05	0.55±0.05	100
Φ4.0	4.0+0.35/-0	0.50±0.05	0.55±0.05	100
Φ4.5	4.5+0.35/-0	0.50±0.05	0.55±0.05	100
Φ5.0	5.0+0.35/-0	0.50±0.05	0.55±0.05	100
Φ5.5	5.5+0.5/-0	0.55±0.05	0.60±0.05	100
Φ6.0	6.0+0.5/-0	0.55±0.05	0.60±0.05	100
Φ7.0	7.0+0.5/-0	0.55±0.05	0.60±0.05	100
Φ8.0	8.0+0.5/-0	0.55±0.05	0.60±0.05	50
Φ9.0	9.0+0.5/-0	0.55±0.05	0.60±0.05	50
Φ10.0	10.0+0.7/-0	0.60±0.05	0.65±0.05	50
Φ11.0	11.0+0.7/-0	0.60±0.05	0.65±0.05	50

Φ12.0	12.0+0.7/-0	0.60±0.05	0.65±0.05	30
Φ13.0	13.0+0.8/-0	0.65±0.05	0.70±0.05	30
Φ14.0	14.0+0.8/-0	0.65±0.05	0.70±0.05	30
Φ15.0	15.0+0.8/-0	0.65±0.05	0.70±0.05	30
Φ16.0	16.0+0.8/-0	0.65±0.05	0.70±0.05	30
Φ17.0	17.0+0.8/-0	0.65±0.05	0.70±0.05	30
Φ18.0	18.0+0.8/-0	0.65±0.05	0.70±0.05	25
Φ20.0	20.0+0.8/-0	0.65±0.05	0.70±0.05	25
Φ22.0	22.0+0.9/-0	1.00±0.05	1.00±0.05	25
Φ25.0	25.0+1.0/-0	1.00±0.05	1.00±0.05	25
Φ30.0	30.0+1.0/-0	1.00±0.05	1.00±0.05	25
Φ35.0	35.0+1.0/-0	1.00±0.05	1.00±0.05	25

### Typical Properties

Item	Silicone/Fiberglass Sleeving
Temperature Range	-10°C~+200°C
Temperature Endurance	200±2°C, 168h≥1/2
Aging Test	260°C, 6h, No cracking
Cold Bend	No cracking
Horizontal Flame Test	Pass
Flammability	VW-1
Volume Resistivity	10 <sup>11</sup>
Submerge Water Test	None viscous, no deformation, no softening

Type	Testing Condition	Average Voltage	Individual Value (V)
CB-SRS1-40	UL1441	4000	3000
CB-SRS1-70	UL1441	7000	5000

**Availability** Master reels and cut pieces

**Important Notice** All information contained in this data sheet is believed to be reliable and accurate. It is advised however that the end user of this material evaluate the suitability of the product for their specific application.

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