

CB-SRT/CB-SRTN HEAT-SHRINKABLE SILICONE TUBING

Material: silicone rubber

Shrink ratio: 1.7:1 / 2:1

Features:

- ◆ RoHS 2.0 environmental standard compliance
- ◆ Excellent high and low temperature resistance
- ◆ Working temperature: -50℃~200℃
- ◆ General color: red, black, blue, grey, yellow

Application:

CB-SRT is designed and developed for the insulation, protection, and covering of electronic parts with special requirements, which is widely used in electrical appliances, lighting, medical equipment, etc. The biggest advantage different from other tubes is the temperature resistance up to 200℃.



Specifications

Items	Flame-retardant Type	Standard Type
Type	CB-SRT	CB-SRTN
Tensile strength	≥6.0MPa	≥6.0MPa
Elongation at break	≥200%	≥200%
Tearing strength	≥15kN/m	≥15kN/m
Volume resistance	≥2.0×10 ¹² Ω.cm	≥2.0×10 ¹⁴ Ω.cm
Dielectric strength	≥25kV/mm	≥25kV/mm
Dielectric constant	≥3.2	≥3.2
Dielectric dissipation tangent	0.001	0.001
Flame retardancy	VW-1	-
Working temperature range	-50℃~+200℃	-50℃~+200℃
Axial shrink ratio	≤10%	≤10%
Shrink temperature	≥90℃	≥90℃

Size

CB-SRT (shrink ratio 1.7:1)

Size	As Supplied(mm)		After Recovery(mm)		Packing Standard	
	Inside Diameter	Wall Thickness	Inside Diameter	Wall Thickness	Roll or PCS	M/CTN
Φ1.0	1.3±0.3	0.5±0.2	0.6±0.1	0.6±0.1	200M/roll	1200M/CTN
Φ2.0	2.3±0.3	0.5±0.2	1.2±0.2	0.7±0.1		
Φ3.0	3.3±0.3	0.5±0.2	1.85±0.2	0.75±0.1		
Φ4.0	4.5±0.5	0.5±0.2	2.5±0.2	0.75±0.1		
Φ5.0	5.5±0.5	0.5±0.2	3.1±0.2	0.75±0.1		
Φ6.0	6.5±0.5	0.5±0.2	3.75±0.2	0.8±0.1	100M/roll	600M/CTN
Φ7.0	7.5±0.5	0.5±0.2	4.35±0.2	0.8±0.1		
Φ8.0	8.5±0.5	0.5±0.2	5.0±0.2	0.8±0.1		
Φ9.0	9.5±0.5	0.5±0.2	5.6±0.2	0.8±0.1		
Φ10	10.5±0.5	1.0±0.2	6.25±0.2	1.6±0.2	50M/roll	300M/CTN
Φ12	12.5±0.5	1.0±0.2	7.5±0.3	1.6±0.2		

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Φ15	15.5±0.5	1.0±0.2	9.3±0.3	1.7±0.2	25M/roll	150M/CTN
Φ16	16.5±0.5	1.0±0.2	10.0±0.3	1.7±0.2		
Φ18	18.5±0.5	1.0±0.2	11.25±0.5	1.7±0.2		
Φ20	20.5±0.5	1.0±0.2	12.5±0.6	1.7±0.2		
Φ22	23.0±1.0	1.0±0.2	13.8±0.8	1.7±0.2		
Φ25	26.0±1.0	1.0±0.2	15.6±0.8	1.7±0.2	1M/pcs	50M/CTN
Φ35	36.0±1.0	1.0±0.3	21.8±1.0	1.7±0.2		40M/CTN
Φ40	42.0±1.0	1.0±0.3	23.5±2.0	1.7±0.2		30M/CTN
Φ50	53.0±3.0	1.0±0.3	29.5±3.0	1.7±0.2		20M/CTN
Φ60	63.0±3.0	1.5±0.3	35.5±3.0	2.5±0.35		
Φ70	73.0±3.0	1.5±0.3	41.2±3.0	2.5±0.35		
Φ80	85.0±5.0	1.5±0.4	47.0±5.0	2.5±0.35		
Φ90	95.0±5.0	1.5±0.4	53.0±5.0	2.5±0.35		
Φ110	110.0±5.0	1.5±0.4	64.7±5.0	2.5±0.5		

Size**CB-SRT/CB-SRTN (shrink ratio 2:1)**

Size	As Supplied(mm)		After Recovery(mm)		Packing Standard	
	Inside Diameter	Wall Thickness	Inside Diameter	Wall Thickness	Roll or PCS	M/CTN
Φ1.0	1.4±0.4	0.5±0.2	0.5±0.1	0.65±0.1	200M/roll	1200M/CTN
Φ2.0	2.4±0.4	0.5±0.2	1.0±0.2	0.7±0.1		
Φ3.0	3.5±0.5	0.5±0.2	1.5±0.2	0.8±0.1		
Φ4.0	4.5±0.5	0.5±0.2	2.1±0.2	0.8±0.1		
Φ5.0	5.5±0.5	0.5±0.2	2.6±0.2	0.85±0.1		
Φ6.0	6.5±0.5	0.5±0.2	3.2±0.3	0.85±0.1	100M/roll	600M/CTN
Φ7.0	7.5±0.5	0.5±0.2	3.7±0.3	0.85±0.1		
Φ8.0	8.5±0.5	0.5±0.2	4.3±0.3	0.9±0.1		
Φ9.0	9.5±0.5	0.5±0.2	4.8±0.3	0.9±0.1		
Φ10	10.5±0.5	1.0±0.2	5.3±0.3	1.8±0.2	50M/roll	300M/CTN
Φ12	12.5±0.5	1.0±0.2	6.4±0.3	1.85±0.2		
Φ15	15.5±0.5	1.0±0.2	8.0±0.4	1.9±0.2		
Φ16	16.5±0.5	1.0±0.2	8.5±0.4	1.95±0.2		
Φ18	19±1.0	1.0±0.2	9.5±0.4	1.95±0.2		
Φ20	21±1.0	1.0±0.2	10.5±0.5	1.95±0.2		
Φ25	26±1.5	1.0±0.3	13.0±0.5	2.0±0.2	1M/pcs	100M/CTN
Φ35	36±1.5	1.0±0.3	18.0±1.0	2.0±0.2		50M/CTN
Φ40	42±2.0	1.0±0.3	20.5±1.0	2.0±0.2		40M/CTN
Φ50	53±3.0	1.0±0.3	25.5±1.0	2.0±0.2		30M/CTN
Φ60	63±3.0	1.5±0.3	32.0±2	3.0±0.5		20M/CTN
Φ70	73±3.0	1.5±0.3	38.0±3	3.0±0.5		
Φ80	85±5.0	1.5±0.4	45.0±4	3.0±0.5		
Φ90	95±5.0	1.5±0.4	50.0±4	3.0±0.5		
Φ110	110±5.0	1.5±0.4	60.0±5	3.0±0.5		

Other sizes and colors are available upon special order.