

**Part Number** CB-SRT-N

**Header** CB-SRT-N Silicone Dioxide Shrinkable Tubing

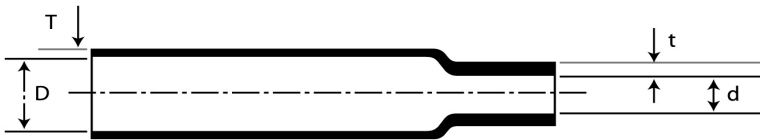
**Description** CB-SRT-N is silicone 1.75 & 2:1 heat shrink tubing ideally suited for many automotive, appliance, electrical/electronic, and aerospace custom rubber requirements.

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

**Application** CB-SRT-N silicone heat shrink tubing is used where high resistance to both high and low temperature extremes are involved.

**Temperature Rating** -50°C~200°C

**Standard Sizes and Dimension**



**1.7X Shrink Ratio**

Size	As supplied (mm)		After recovery (mm)		As Supplied	
	ID (D)	WT (T)	ID (d)	WT (t)	UOM/Mt	Mt/Box
Φ1.0	1.4±0.4	0.5±0.2	0.5±0.1	0.65±0.1	200	1200
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	.75±0.1		
Φ4.0	4.5±0.5	0.5±0.2	2.5±0.2	.75±0.1		
Φ5.0	5.5±0.3	0.5±0.2	3.1±0.2	.75±0.2		
Φ6.0	6.5±0.5	0.5±0.2	3.75±0.2	0.8±0.1	100	600
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±.5	1.0±0.2	7.5±0.3	1.6±0.2		
Φ12	12±1.0	0.75±0.1	6.0±0.2	1.5±0.2	50	300
Φ15	15.5±0.5	1.0±0.1	9.3±0.3	1.7±0.2		
Φ16	16.5±0.5	1.0±0.2	10.0±0.3	1.7±0.2		
Φ18	18.5±1.0	1.0±0.2	11.25±0.6	1.7±0.2		
Φ20	20.5±0.5	1.0±0.2	12.5±0.6	1.7±0.2		

Φ22	23±1.0	1.0±0.2	15.6±0.8	1.7±0.2	25	150
Φ25	26±1.0	1.0±0.1	14±0.4	2.0±0.3		
Φ35	36±1.0	1.0±0.3	21.8±1.0	1.7±0.2	1	50
Φ40	42±1.0	1.0±0.3	23.5±2.0	1.7±0.2	1	50
Φ50	53±3.0	1.0±0.3	29.5±3.0	1.7±0.2		40
Φ60	63±2.0	1.5±0.3	35.5±3.0	2.5±0.3		30
Φ70	73±3.0	1.5±0.3	41.2±3.0	2.5±0.3		20
Φ80	85±5.0	1.5±0.4	47±5.0	2.5±0.3		
Φ90	95±5.0	1.5±0.4	53±5.0	2.5±0.3		
Φ110	110±5.0	1.5±0.4	64.7±5.0	2.5±0.5		

## 2X Shrink Ratio

Size	As supplied (mm)		After recovery (mm)		As Supplied	
	ID (D)	WT (T)	ID (d)	WT (t)	UOM/Mt	Mt/Box
Φ1.0	1.3±0.3	0.5±0.2	0.6±0.1	0.6±0.1	200	1200
Φ2.0	2.4±0.4	0.5±0.2	1.2±0.2	0.7±0.1		
Φ3.0	3.5±0.5	0.5±0.2	1.5±0.2	.8±0.1		
Φ4.0	4.5±0.5	0.5±0.2	2.1±0.2	.75±0.1		
Φ5.0	5.5±0.5	0.5±0.2	2.6±0.2	.85±0.1		
Φ6.0	6.5±0.5	0.5±0.2	3.2±0.2	0.85±0.	100	600
Φ7.0	7.5±0.5	0.5±0.2	3.7±0.3	0.85±0.		
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±0.2	0.9±0.1		
Φ10	10.5±.5	1.0±0.2	5.3±0.3	1.8±0.2		
Φ12	12.5±0.	1.0±0.2	6.4±0.3	1.85±0.	50	300
Φ15	15.5±0.	1.0±0.2	8.0±0.3	1.9±0.2		
Φ16	16.5±0.	1.0±0.2	8.5±0.4	1.95±0.		
Φ18	19±1.0	1.0±0.2	9.5±0.4	1.95±0.		
Φ20	21±1.0	1.0±0.2	10.5±0.5	1.95±0.		
Φ25	26±1.5	1.0±0.1	14.0±0.4	2.0±0.3	1	100
Φ35	36±1.5	1.0±0.3	18.0±1.0	2.0±0.2		50
Φ40	42±1.0	1.0±0.3	20.5±1.0	2.0±0.2		50
Φ50	53±3.0	1.0±0.3	25.5±1.0	2.0±0.2		40
Φ60	63±2.0	1.5±0.3	32.0±2.0	3.0±0.5		30
Φ70	73±3.0	1.5±0.3	38.0±3.0	3.0±0.5		
Φ80	85±5.0	1.5±0.4	45.0±4.0	3.0±0.5		

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**Order Fax** (800) 421-3538 **E-mail** sales@thermosleeve-USA.com **Website** <http://www.thermosleeve-usa.com>

Φ90	95±5.0	1.5±0.4	50.0±4.0	3.0±0.5	20
Φ11	110±5.	1.5±0.4	60.0±5.0	3.0±0.5	

### Typical Properties

Specification Type	CB-SRT-N
Temperature Range (°C)	150
Dielectric Voltage Withstand (V)	600
Tensile Strength MPa (Kg/cm <sup>2</sup> )	≥3.45
Elongation	≥100
Peel Strength kN/m (Kg f/cm)	≥14.5 (15)
Resistant Volume Ω·m(Ω·cm)	≥2X10 <sup>12</sup> (2X10 <sup>14</sup> )
Dielectric Strength KV/mm	≥25
Dielectric Constant (ε) 50Hz	3.2
Dielectric Loss Tangent Angle 50Hz	0.001
Flammability UL-224	-
Operation Temperature (°C)	-50~+200
Longitudinal Shrink Ratio (%)	≤10%
Shrink Temperature (°C)	≥90

**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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