

## Silicone rubber heat shrinkable tubing



### Model number: SBS-SR-HST

Temperature: -50°C - +200°C

Shrink temperature: 90°C - 170°C

Shrink ratio: 1.7:1 ( 2:1 shrink ratio can be customized)

### Structure

Silicone rubber heat shrinkable tube is made of silicone rubber modified with heat shrinkable silicone tube, not only has the general silicone tube itself excellent performance, high temperature, high pressure, flame retardant, soft and flexible, But also has a thermal shrinkage performance, good resistance to thorn damage mechanical properties.

### Usage

It is widely use in electrical protection, resistor, capacitor, aerospace, medical instrument etc.

### Specification

Performance	Flame retardant	Normal type
Tensile strength MPa(Kg/cm <sup>2</sup> )	4.2	4.5
Elongation at break %	300	300
Volume resistivity Ω·m(Ω·cm)	2×10 <sup>12</sup> (2×10 <sup>14</sup> )	2×10 <sup>12</sup> (2×10 <sup>14</sup> )
Dielectric strength KV/mm	18	18
Use temperature range°C	-50~+200	-50~+200
Axial shrinkage%	40%	40%
Shrink temperature °C	> 120	> 120
Concentricity %	≥65	≥65
Flammability (Oxygen Index)	≥28	≥28

### Dimension

Size	Shrink size	Wall thickness	After recovery	Thickness after shrink	Packing	
	Before shrink				I.D.	mm
Φ1.0	1.0	0.5±0.05	0.6	0.8±0.05	200	
Φ1.5	1.5	0.5±0.05	0.8	0.8±0.05	200	
Φ2.0	2.0	0.5±0.05	1.2	0.8±0.05	200	
Φ2.5	2.5	0.5±0.05	1.5	0.8±0.05	200	
Φ3.0	3.0	0.5±0.05	1.8	0.8±0.05	200	
Φ3.5	3.5	0.5±0.05	2.0	0.8±0.05	200	
Φ4.0	4.0	0.5±0.05	2.5	0.8±0.05	200	
Φ4.5	4.5	0.5±0.07	2.8	0.8±0.05	200	
Φ5.0	5.0	0.5±0.07	3.0	0.8±0.05	200	
Φ6.0	6.0	0.5±0.07	3.8	0.85±0.05	100	
Φ7.0	7.0	0.5±0.07	4.0	0.85±0.05	100	



Size	Shrink size Before shrink	Wall thickness	After recovery	Thickness after shrink	Packing	
	I.D.	mm	I.D.	mm	m/roll	m/pcs
Φ8.0	8.0	0.5±0.07	4.8	0.85±0.05	100	
Φ9.0	9.0	0.5±0.07	5.0	0.85±0.05	100	
Φ10.0	10.0	1.0±0.1	6.5	1.7±0.1	100	
Φ12	12.0	1.0±0.1	7.0	1.7±0.1	50	
Φ15	15.0	1.0±0.15	9.0	1.7±0.1	50	
Φ20	20.0	1.0±0.2	13.0	1.7±0.1	50	
Φ25	25.0	1.0±0.2	15.0	1.7±0.1	50	
Φ30	30.0	1.0±0.2	18.0	1.7±0.1	50	
Φ35	35.0	1.3±0.3	20.0	2.5±0.3		1
Φ40	38.0	1.3±0.3	25.0	2.5±0.3		1
Φ50	50.0	1.3±0.3	30.0	2.5±0.3		1
Φ60	60.0	1.5±0.3	38.0	2.5±0.1		1
Φ70	70.0	1.5±0.3	45.0	3.0±0.4		1
Φ80	80.0	1.5±0.3	48.0	3.0±0.4		1
Φ90	90.0	1.5±0.3	52.0	3.0±0.4		1
Φ100	100	1.5±0.3	58.0	3.0±0.4		1
Φ110	110.0	2.0±0.5	63.0	4.0±0.0.5		1
Φ120	120.0	2.0±0.5	70.5	4.0±0.0.5		1
Φ130	130.0	2.5±0.5	76.0	5.0±0.0.6		1
Φ140	140.0	2.5±0.5	82.0	5.0±0.0.6		1
Φ150	150.0	2.5±0.5	88.0	5.0±0.0.6		1

\*Other packing could be customized upon request.

\*The thickness could be customized for 0.5mm~5mm thicker upon request.

**Color:** Standard color is gray, rust red and black (other color available upon request.)