

BH-SR200

Silicon rubber heat shrink tubing

Features/Applications:

BH-SR200 silicon rubber tubing is made of silicone rubber and polymer elastomer modified by radiation can be used at high temperature for a long time, acid and alkali resistance, solvent resistance, resistance to external mechanical damage. Usually, this heat shrink tubing is used for electrical equipment, light fixtures and medical instruments. In addition, this silicone rubber tubing has a high temperature resistance of up to 200°C.

- Flame retardant and flexible;
- Shrink ratio: 1.7:1;
- Minimum shrink temperature: 90°C
- Fully recovery temperature: 170°C,
- Operating temperature range: -55°C~ +200°C;
- RoHS Compliant;
- Color: Black, grey, red



Technical Data

Test Item	Value
Density 25°C	1.2
Rigidity JIS-A	70
Tensile strength	6.9Mpa(70Kgf/cm)
Elongation at break	400%
Tensile strength at break JIS-A	25Kgf/Cm
Volume resistance	2*12 ¹⁴ Ω.cm
Breakdown Voltage (1mm)	25KV
Dielectric constant (*)50Hz	3.2
Operating temperature range	-50°C-+200°C
Shrinking Ratio	about 50%
Shrinking temperature	90°C above
RoHS Compliant	Pass (SGS report)
Low Smoking IEC 60754	Pass
Flame Retardancy UL-224	VW-1
Radiation resistance – 10 ⁶ MGy	Pass
Chemical resistance	Not strong acid or alkali resistance
Fluid Resistance	Splash Protection of Aviation Fuel, Brake Fluid, Hydraulic Fluid, Lubricating Oil, Water
Aging 200°C- 4hours, 180°C-168 hours.	Pass

Product Dimensions (mm)

Size	As supplied(mm)			Fully Recovered(mm)			Standard Package
	ID	Thin Type	Thick Type	ID	Thin Type	Thick Type	Meter/Spool or Meter/Pc
φ1.0	1.0	0.5±0.1	0.80±0.1	0.6	0.7±0.1	1.1±0.1	200

φ1.5	1.5	0.5±0.1	0.80±0.1	0.8	0.7±0.1	1.1±0.1	200
φ2.0	2.0	0.5±0.1	0.80±0.1	1.2	0.7±0.1	1.1±0.1	200
φ2.5	2.5	0.5±0.1	0.80±0.1	1.5	0.7±0.1	1.1±0.1	200
φ3.0	3.0	0.5±0.1	0.80±0.1	1.8	0.7±0.1	1.1±0.1	200
φ3.5	3.5	0.5±0.1	0.80±0.1	2.0	0.7±0.1	1.1±0.1	100
φ4.0	4.0	0.5±0.1	0.80±0.1	2.5	0.7±0.1	1.1±0.1	100
φ4.5	4.5	0.5±0.1	0.80±0.1	2.8	0.7±0.1	1.1±0.1	100
φ5.0	5.0	0.5±0.1	0.80±0.1	3.0	0.7±0.1	1.1±0.1	100
φ6.0	6.0	0.5±0.1	0.80±0.1	3.8	0.7±0.1	1.1±0.1	100
φ7.0	7.0	0.5±0.1	0.80±0.1	4.0	0.7±0.1	1.1±0.1	100
φ8.0	8.0	0.5±0.1	0.80±0.1	4.8	0.7±0.1	1.1±0.1	100
φ9.0	9.0	0.5±0.1	0.80±0.1	5.0	0.7±0.1	1.1±0.1	100
φ10.0	10.0	1.0±0.1	1.50±0.1	6.5	1.7±0.1	2.5±0.1	100
φ12	12.0	1.0±0.1	1.50±0.1	7.0	1.7±0.1	2.5±0.1	100
φ15	15.0	1.0±0.1	1.50±0.1	9.0	1.7±0.1	2.5±0.1	50
φ20	20.0	1.0±0.1	1.50±0.1	13.0	1.7±0.1	2.5±0.1	50
φ25	25.0	1.0±0.1	1.50±0.1	15.0	1.7±0.1	2.5±0.1	50
φ30	30.0	1.0±0.1	1.50±0.1	18.0	1.7±0.1	2.5±0.1	50
φ35	35.0	1.0±0.1	1.50±0.1	20.0	1.7±0.1	2.5±0.1	1
φ40	38.0	1.0±0.1	1.50±0.1	25.0	1.7±0.1	2.5±0.1	1
φ50	47.0	1.0±0.1	1.50±0.1	30.0	1.7±0.1	2.5±0.1	1
φ60	57.0	1.5±0.1	2.00±0.1	38.0	2.5±0.1	3.2±0.1	1
φ70	67.0	1.5±0.1	2.00±0.1	45.0	2.5±0.1	3.2±0.1	1
φ80	77.0	1.5±0.1	2.00±0.1	48.0	2.5±0.1	3.2±0.1	1
φ90	87.0	1.5±0.1	2.00±0.1	52.0	2.5±0.1	3.2±0.1	1
φ100	97.0	1.5±0.1	2.00±0.1	58.0	2.5±0.1	3.2±0.1	1
φ110	107.0	1.5±0.1	2.00±0.1	63.0	2.5±0.1	3.2±0.1	1