

BH-FSR

Food grade silicon rubber tubing

Features/Applications:

BH-FSR food grade silicon rubber tubing general Insulating protection for various household appliances, light fitting, machines ,electronic instruments, etc.

- Operating temperature range: -60°C~ +200°C;
- Good flexibility and arc resistance performance;
- RoHS Compliant;
- Color: Clear, Red, Blue, White, Grey, Green (White color is flame- retardant type).



Technical Data

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Property	Test Method	Standard required
Dielectric strength (kV/mm)	IEC243	≥18
Volume resistance (Ω. Cm)	IEC93	≥1X10 ¹⁴
Tensile strength (Mpa)	ASTM D412	≥4 Mpa
Elongation	ASTM D412	≥201
Flammability (White color only)	ISO 1210	FV-1

Product Dimensions (mm)

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I.D (mm)	I.D tolerance (mm)	Average Wall Thickness (mm)				Standard Package (M/Spool)
		2500V	4000V	6000V	7000V	
0.8	0.8±0.10	0.5 ± 0.10	1.0 ± 0.15	1.5 ± 0.20	2.0 ± 0.25	200
1.0	1.0±0.10	0.5 ± 0.10	1.0 ± 0.15	1.5 ± 0.20	2.0 ± 0.25	200
1.5	1.5±0.10	0.5 ± 0.10	1.0 ± 0.15	1.5 ± 0.20	2.0 ± 0.25	200
2.0	2.0±0.10	0.5 ± 0.10	1.0 ± 0.15	1.5 ± 0.20	2.0 ± 0.25	100
2.5	2.5±0.10	0.5 ± 0.10	1.0 ± 0.15	1.5 ± 0.20	2.0 ± 0.25	100
3.0	3.0±0.10	0.5 ± 0.10	1.0 ± 0.15	1.5 ± 0.20	2.0 ± 0.25	100
3.5	3.5±0.10	0.5 ± 0.10	1.0 ± 0.15	1.5 ± 0.20	2.0 ± 0.25	100
4.0	4.0±0.10	0.5 ± 0.10	1.0 ± 0.15	1.5 ± 0.20	2.0 ± 0.25	100
4.5	4.5±0.10	0.5 ± 0.10	1.0 ± 0.15	1.5 ± 0.20	2.0 ± 0.25	100
5.0	5.0±0.20	0.5 ± 0.10	1.0 ± 0.15	1.5 ± 0.20	2.0 ± 0.25	50
5.5	5.5±0.20	0.5 ± 0.10	1.0 ± 0.15	1.5 ± 0.20	2.0 ± 0.25	50
6.0	6.0±0.20	0.5 ± 0.10	1.0 ± 0.15	1.5 ± 0.20	2.0 ± 0.25	50
6.5	6.5±0.20	0.5 ± 0.10	1.0 ± 0.15	1.5 ± 0.20	2.0 ± 0.25	50
7.0	7.0±0.20	/	1.0 ± 0.15	1.5 ± 0.20	2.0 ± 0.25	50
7.5	7.5±0.20	/	1.0 ± 0.15	1.5 ± 0.20	2.0 ± 0.25	50
8.0	8.0±0.25	/	1.0 ± 0.15	1.5 ± 0.20	2.0 ± 0.25	50
9.0	9.0±0.25	/	1.0 ± 0.15	1.5 ± 0.20	2.0 ± 0.25	25
10.0	10.0±0.25	/	1.0 ± 0.15	1.5 ± 0.20	2.0 ± 0.25	50
11.0	11.0±0.30	/	1.0 ± 0.15	1.5 ± 0.20	2.0 ± 0.25	25
12.0	12.0±0.30	/	1.0 ± 0.15	1.5 ± 0.20	2.0 ± 0.25	25
13.0	13.0±0.30	/	1.0 ± 0.15	1.5 ± 0.20	2.0 ± 0.25	50
14.0	14.0±0.30	/	/	1.5 ± 0.20	2.0 ± 0.25	50
15.0	15.0±0.30	/	/	1.5 ± 0.20	2.0 ± 0.25	25
20.0	20.0±0.30	/	/	/	2.0 ± 0.30	10