



# China Sanew Cable Co., Ltd.

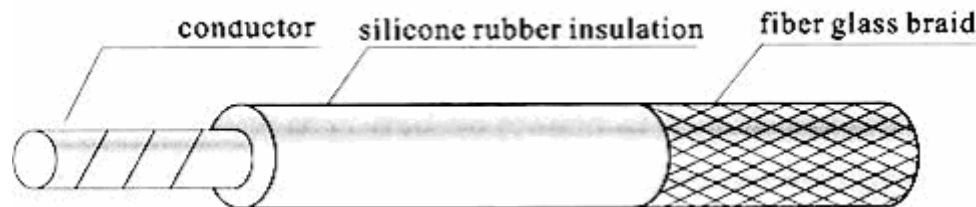
## HO5SJ-K Fiberglass-Braided Heat Resisting Silicone Rubber Insulation Wire

### Product Features:

Good chemical resistance. Excellent electrical properties. When burned, silicone rubber leaves a non-conducting ash, which retains excellent qualities so that continued operation is possible to achieve a controlled shutdown. Fungus resistance. Silicone rubber contains no chlorine or other halogens; therefore, the products of combustion are considerably less toxic and corrosive than materials made from chlorinated hydrocarbons.

### Recommended applications:

Silicone rubber insulated cables are used whenever high levels of heat resistance are required, in household appliances, heating and lighting equipment, steel works, rolling mills and foundries, glass and ceramic factories.



### TECHNICAL DATA:

 **Min. bend radius for installation:** 10x cable diameter

 **Temperature range:** -60 °C to +180 °C

 **Working Voltage:** 300/500V

 **Test Voltage:** 2000V

 **Conductor stranding:** Bare copper wire, tin-coated copper wire

 **Color Code:** white、Black、Red、Yellow、Green、Blue、Brown、Yellow/Green.(Other colors available on request)

 **Approvals:** According to VDE 0282-3



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Conductor		Insulation				Max resistance 20℃ Ω/km	Ref weight kg/km
Nominal area mm <sup>2</sup>	Structure of conductor No./D	Nominal thickness mm	Fiber glass thickness mm	Nominal diameter mm	Max diameter mm		
0.5	28/0.15	0.6	0.15	2.5	2.7	40.1	10.5
0.75	24/0.20	0.6	0.15	2.7	2.9	26.7	13.5
1.0	32/0.20	0.6	0.15	2.9	3.1	20.0	16.2
1.5	30/0.25	0.7	0.18	3.4	3.6	13.7	23.5
2.5	49/0.25	0.8	0.18	4.0	4.2	8.21	34.7
4	56/0.30	0.8	0.20	4.9	5.2	5.09	52.0
6	84/0.30	0.8	0.20	5.6	5.9	3.39	72.9
10	84/0.40	1.0	0.25	7.3	7.6	1.95	126.5
16	126/0.40	1.0	0.25	8.4	8.7	1.24	183
25	196/0.40	1.2	0.30	10.3	10.7	0.795	280
35	276/0.40	1.2	0.30	12.2	12.7	0.565	390
50	396/0.40	1.4	0.35	14.3	14.9	0.393	564
70	360/0.50	1.4	0.35	16.6	17.2	0.277	776
95	475/0.50	1.6	0.40	18.6	19.4	0.210	1066

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