



China Sanew Cable Co., Ltd.

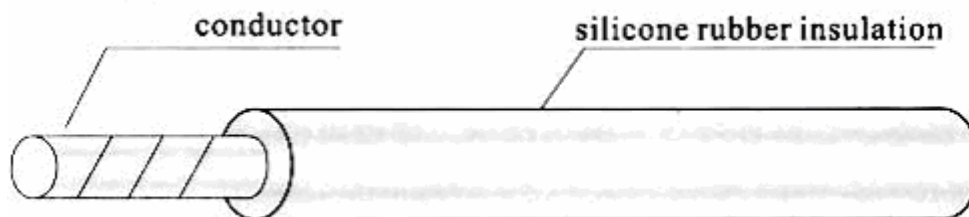
JHXG (JG) Silicone Rubber Insulation Electrical Motor Leading Wire

Product Features:








H-grade cable insulating wrapping makes current intensity increase one time or reduce section and weight of wire and the whole cable in large range. Substituting silicon rubber matrix for organic vulcanizate insulating materials in electromotor can increase its using span life by 10 times or increase its power by 30%-40% in the same conditions of size and weight. In high-voltage and high frequency cable and wire, silicone rubber matrix cannot be substituted. Wire applies for alternating rated voltage: include 1140V, F-grade and H-grade insulating motor connecting wire.

Recommended applications:

Because silicon rubber elastic body has excellent dielectric properties in wide frequency and temperature range, and also has good performances of cold resisting, heat resisting and moisture-resisting, this product is widely used in electrical engineering, wireless technology and cable industry.



TECHNICAL DATA:

-  **Min. bend radius for installation:** 15 x cable diameter
-  **Temperature range:** -60°C to +180°C
-  **Working Voltage:** 500V/1000V/1100V
-  **Test Voltage:** 2000V
-  **Conductor stranding:** Tin-coated copper wire
-  **Color Code:** White 、 Black 、 Red 、 Yellow、 Green 、 Blue 、 Brown 、 Yellow/Green.(Other colors available on request)
-  **Approvals:** According to VDE, UL

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Conductor		Insulation						Max. resistance 20°C, Ω/km	Ref. weight kg/km	
Nominal area mm ²	Structure of conductor No./mm	Nominal thickness mm		Nominal diameter mm		Max diameter mm				
		500V	1000V	500V	1000V	500V	1000V		500V	1000V
0.75	24/0.20	1.0	1.2	3.1	3.5	3.6	4.0	26.7	15.4	18.0
1.0	32/0.20	1.0	1.2	3.3	3.7	3.8	4.3	20.0	18.4	21.2
1.5	30/0.25	1.0	1.2	3.6	4.0	4.1	4.6	13.7	24.2	27.2
2.5	49/0.25	1.0	1.2	4.0	4.4	4.6	5.1	8.21	35	38
4	56/0.30	1.2	1.4	5.0	5.4	5.7	6.2	5.09	56	60
6	84/0.30	1.2	1.4	6.0	6.4	6.9	7.3	3.39	79	84
10	84/0.40	1.4	1.6	7.4	7.8	8.5	9.0	1.95	128	134
16	126/0.40	1.4	1.6	8.5	8.9	9.8	10.2	1.24	190	197
25	196/0.40	1.6	1.8	10.3	10.7	11.8	12.3	0.795	291	299
35	276/0.40	1.8	2.0	12.1	12.5	13.9	14.4	0.565	404	413
50	396/0.40	2.0	2.2	14.3	14.7	16.4	16.9	0.393	575	580
70	360/0.50	2.0	2.2	16.4	16.8	18.8	19.3	0.277	775	788
95	475/0.50	2.2	2.4	18.9	19.3	21.7	22.2	0.21	1042	1057
120	608/0.50	2.2	2.4	20.4	20.8	23.5	23.9	0.164	1295	1332
150	756/0.50	2.4	2.6	22.8	23.2	26.2	26.7	0.132	1610	1628
185	925/0.50	2.4	2.6	24.8	25.2	28.5	29	0.108	1959	1978
240	121/0.50	2.6	2.8	28.2	28.6	32.4	32.9	0.0817	2529	2552

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