



China Sanew Cable Co., Ltd.

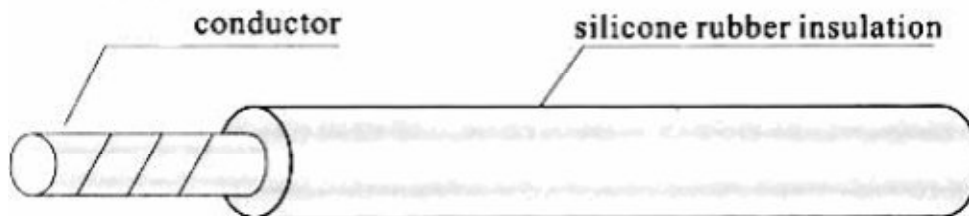
UL3512 Silicone Rubber Insulation Wire








Product Features:

Silicone insulation offers excellent heat resistance. High temperature glass braid provides additional abrasion resistance. Saturate over glass braid reduces fraying.

Recommended applications:

For use in motors, dryers, lighting fixtures, therapeutic and electronic devices where high temperatures are incurred.

**TECHNICAL DATA:**

-  **Min. bend radius for installation:** 10 x cable diameter
-  **Temperature range:** -60°C to +200°C
-  **Working Voltage:** 600V
-  **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 UL758, UL1581 UL VW-1

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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		
0.5	28/0.15	0.8	2.5	2.7	40.1	10.1
0.75	24/0.20	0.8	2.8	3.0	26.7	13.2
1.0	32/0.20	0.8	2.9	3.1	20	16
1.5	30/0.25	0.8	3.2	3.4	13.7	21
2.0	41/0.25	0.8	3.5	3.8	9.9	27
2.5	49/0.25	0.8	3.7	4.0	8.21	31
4	56/0.30	0.8	4.5	4.8	5.09	46.5
6	84/0.30	1.2	6.0	6.4	3.39	79.4
10	84/0.40	1.6	7.8	8.2	1.95	133.5
16	126/0.40	1.6	8.9	9.3	1.24	197
25	196/0.40	1.6	10.3	10.8	0.795	291
35	276/0.40	1.6	11.7	12.2	0.565	388
50	396/0.40	2.0	14.3	14.8	0.393	575
70	360/0.50	2.0	16.4	16.9	0.277	774.6
95	475/0.50	2.0	18.5	19.1	0.21	998
120	608/0.50	2.4	20.8	21.5	0.164	1332.4
150	756/0.50	2.4	22.8	23.5	0.132	1610
185	925/0.50	2.4	24.8	25.6	0.108	1980
240	1221/0.50	2.4	28.0	29	0.0817	2520

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