



China Sanew Cable Co., Ltd.

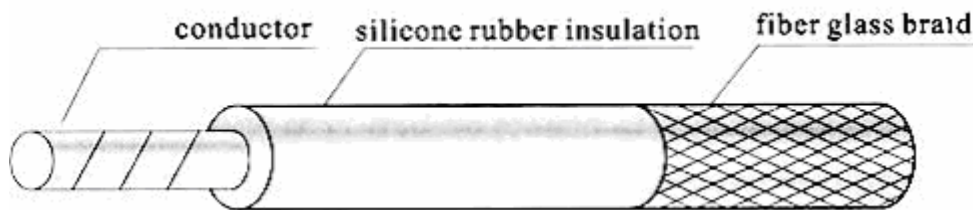
UL3125 Fiber Glass Braid Silicone Insulation Electrical Leading Wire

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:

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. Wire applies for F-grade and H-grade insulating motor connecting wire.



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 UL 758, UL1581 UL VW-1



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Conductor			Insulation				Max resistance 20℃ Ω/km	Ref weight kg/km
Spec AWG	Nominal area mm ²	Structure of conductor No./mm	Nominal thickness mm	Fiber glass thickness mm	Nominal diameter mm	Max diameter mm		
8	8.367	70/0.40	1.6	0.25	8.3	8.8	2.3	125
7	10.55	84/0.40	1.6	0.25	8.6	9.2	1.79	147
6	13.30	105/0.40	1.6	0.25	9.1	9.7	1.42	176
5	16.77	133/0.40	1.6	0.25	9.8	10.5	1.12	214
4	21.15	168/0.40	1.6	0.30	10.7	11.4	0.89	268
3	26.67	210/0.40	1.6	0.30	11.4	12	0.707	320
2	33.62	266/0.40	1.6	0.30	12.4	13	0.56	389

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