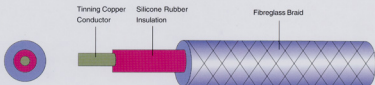


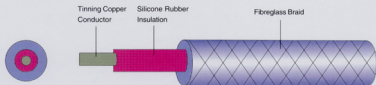
SILICONE RUBBER FIBREGLASS WIRE



- Model: SGB
- Color: white, red, orange, yellow, green, blue, purple, brown, black, yellow/green
- Rated temperature scope: $-60^{\circ}\text{C} \sim +200^{\circ}\text{C}$
- Rated voltage: 300V/500V 450V/700V
- Conductor: solid or stranded silvering or nickeling conductors, nickel or tinned coppering conductors
- Insulation: high temperature resistant silicone rubber insulation
- Use: electrical source wiring for the internal high temperature surroundings of equipments such as electron electrical appliances, lamps and lanterns and electric machineries
- Quality standard: UL

Conductor				Insulation Thickness(mm)		Over All Wire Dia. (mm)		Max. Conductor Resistance	
AWG	Section	Strand/Dia.	Diameter	300V/500V	450V/700V	300V/500V	450V/700V	20 $^{\circ}\text{C}$ Ω /KM	20 $^{\circ}\text{C}$ Ω /1000FT
AWG	mm 2	No/mm	mm						
22	0.324	7/0.25	0.75	0.40	0.77	1.95	2.70	54.00	16.70
20	0.519	11/0.25	1.00	0.40	0.77	2.10	2.84	34.60	10.50
18	0.823	17/0.25	1.30	0.40	0.77	2.40	3.14	21.80	6.64
17	1.040	22/0.25	1.34	0.40	0.77	2.60	3.30	17.20	5.27
16	1.310	27/0.25	1.60	0.40	0.77	2.72	3.46	13.70	4.18
14	2.080	43/0.25	2.10	0.60	0.80	3.50	3.90	8.62	2.62
12	3.310	69/0.25	2.60	0.65	0.85	4.40	4.80	5.43	1.65
10	5.261	108/0.25	3.50	0.75	0.95	5.00	5.40	3.41	1.04
8	8.367	171/0.25	4.28	1.00	1.20	6.80	6.80	2.23	0.68
6	13.30	271/0.25	5.20	1.00	1.20	8.10	7.70	1.41	0.43
4	21.15	431/0.25	6.80	1.20	1.40	9.68	10.10	0.88	0.27
2	33.62	685/0.25	9.40	1.20	1.40	12.30	12.70	0.56	0.17
0	53.49	1090/0.25	12.00	1.40	1.60	15.30	16.00	0.35	0.11
2/0	67.43	1374/0.25	14.00	1.40	1.60	17.28	17.80	0.28	0.84

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AWG	Strand/Dia.	Diameter	300V/500V	450V/700V	300V/500V	450V/700V	20 $^{\circ}\text{C}$ □ /KM	20 $^{\circ}\text{C}$ □ /1000FT
mm ²	No./mm	mm						
0.30	10/0.20	0.60	0.40	0.77	1.80	2.54	71.20	21.72
0.50	16/0.20	0.94	0.40	0.77	2.14	2.88	40.10	12.23
0.75	24/0.20	1.20	0.40	0.77	2.30	3.06	26.7	8.14
1.00	32/0.20	1.34	0.40	0.77	2.60	3.34	20.0	6.10
1.25	40/0.20	1.48	0.40	0.77	2.75	3.42	16.4	5.00
1.50	48/0.20	1.70	0.40	0.77	2.90	3.64	13.7	4.18
1.75	36/0.25	1.80	0.50	0.80	3.24	3.84	10.9	5.30
2.00	42/0.25	1.90	0.60	0.80	3.50	3.94	9.48	2.89
2.50	50/0.25	2.10	0.60	0.80	3.84	4.24	8.21	2.51
3.00	24/0.40	2.50	0.65	0.85	4.24	4.64	6.55	1.99
3.50	28/0.40	2.56	0.70	0.90	4.40	4.80	5.94	1.81
4.00	32/0.40	2.61	0.70	0.90	4.45	4.85	5.09	1.55
5.50	44/0.40	3.15	0.75	1.00	5.24	5.64	3.41	1.04
6.00	48/0.40	3.30	0.80	1.00	5.34	5.74	3.39	1.03
8.00	64/0.40	3.70	1.00	1.40	6.14	7.02	2.23	0.68
10.0	80/0.40	4.20	1.00	1.40	6.64	7.52	1.95	0.60
16.0	127/0.40	5.90	1.00	1.40	8.50	9.12	1.24	0.38