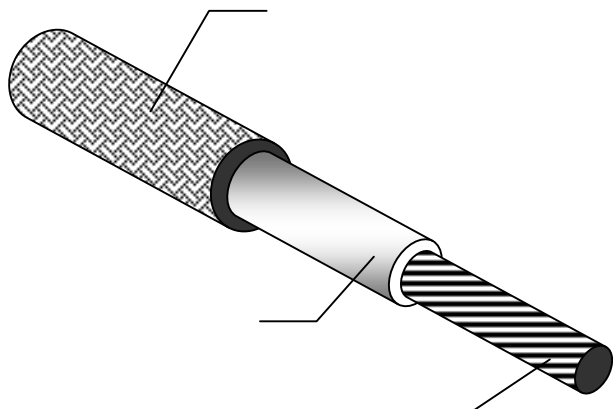


## Silicon Rubber Insulated Wire, Outer Fiberglass Braided

Used for internal wiring of heat resistance in the household electrical appliances and products: Industrial burners and wide range of industrial heating equipments. The allowable long term working temperature of cable should not be over +180°C. The cable can be used under the environment temperature not less than -60°C

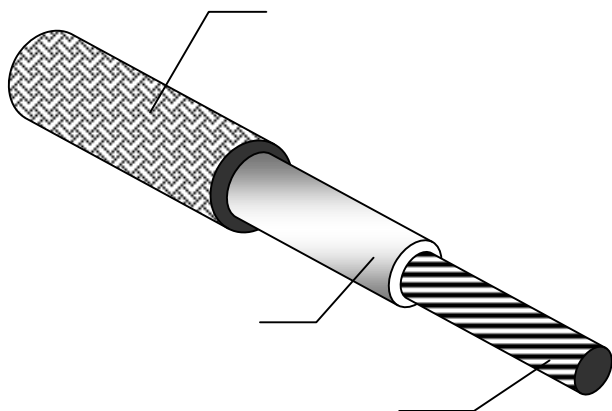


Item		Characteristics
Insulation resistance	14.0mm <sup>2</sup> >	100MΩkm or more
	22.0mm <sup>2</sup>	40MΩkm or more
	38.0mm <sup>2</sup>	40MΩkm or more
Dielectric strength	In water	Withstand 1.5KV-AC for 1min
	Spark	Withstand 5KV-AC for 0.15sec
Tensile properties	Tensile strength	4MPa (0.41Kg/mm <sup>2</sup> ) or more
	Elongation	200% or more
Heat resistance	200°C×24hrs wraps SIEGER on the line of three times outside diameter three times.	The crack is not caused.
Cold resistance	-30°C×1hr wraps SIEGER on the line of three times outside diameter three times.	The crack is not caused.

S/N.	Part No.	Conductor Size (mm <sup>2</sup> )	Approx. Outer Dia. (mm)	Formation No./ Dia. (mm)	Max. Ampere Rating At 150°C
01	REH-SG 1X0.50MM	0.5	1.7	20 / 0.18	10 Amp.
02	REH-SG 1X0.75MM	0.75	2.2	30 / 0.18	15 Amp.
03	REH-SG 1X1.00MM	1.0	2.3	40 / 0.18	18 Amp.
04	REH-SG 1X1.25MM	1.25	2.5	50 / 0.18	19 Amp.
05	REH-SG 1X1.50MM	1.50	2.6	59 / 0.18	23 Amp.
06	REH-SG 1X2.00MM	2.0	2.9	37 / 0.26	27 Amp.
07	REH-SG 1X2.50MM	2.5	3.2	47 / 0.26	30 Amp.
08	REH-SG 1X3.00MM	3.0	3.4	57 / 0.26	32 Amp.
09	REH-SG 1X3.50MM	3.5	3.8	45 / 0.32	37 Amp.
10	REH-SG 1X5.50MM	5.5	4.4	35 / 0.45	49 Amp.
11	REH-SG 1X8.00MM	8.0	5.4	50 / 0.45	61 Amp.
12	REH-SG 1X10.00MM	10.0	6.1	63 / 0.45	70 Amp.
13	REH-SG 1X14.00MM	14.0	6.6	88 / 0.45	88 Amp.
14	REH-SG 1X16.00MM	16.00	7.5	98 / 0.45	95 Amp.
15	REH-SG 1X25.00MM	25.00	9.7	161 / 0.45	125 Amp.

## Silicon Rubber Insulated Wire, Outer Colour Coated Fiberglass Braided

Used for internal wiring of heat resistance in the household electrical appliances and products. With two different colored coating (**RED**) or (**BLACK**) for earlier reference in the usage for Industrial burners and wide range of industrial heating equipments. The allowable long term working temperature of cable should not be over +180°C. The cable are used for general wiring in environment temperature not less then -60°C



Item	Characteristics	
Insulation resistance	14.0mm <sup>2</sup> >	100MΩkm or more
	22.0mm <sup>2</sup>	40MΩkm or more
	38.0mm <sup>2</sup>	40MΩkm or more
Dielectric strength	In water	Withstand 1.5KV-AC for 1min
	Spark	Withstand 5KV-AC for 0.15sec
Tensile properties	Tensile strength	4MPa (0.41Kgf/mm <sup>2</sup> ) or more
	Elongation	200% or more
Heat resistance	200°C×24hrs wraps SIEGER on the line of three times outside diameter three times.	The crack is not caused.
Cold resistance	-30°C×1hr wraps SIEGER on the line of three times outside diameter three times.	The crack is not caused.

S/N.	Part No. (RED) / (BLACK)	Conductor Size (mm <sup>2</sup> )	Approx. Outer Dia. (mm)	Formation No./ Dia. (mm)	Max. Ampere Rating At 150°C	Price / Mtr (SGD)
01	REH-1X0.50MM	0.5	1.7	20 / 0.18	10 Amp.	<b>\$0.28</b>
02	REH-1X1.00MM	1.0	2.3	40 / 0.18	18 Amp.	<b>\$0.45</b>
03	REH-1X1.25MM	1.25	2.5	50 / 0.18	19 Amp.	<b>\$0.48</b>
04	REH-1X2.00MM	2.0	2.9	37 / 0.26	27 Amp.	<b>\$0.72</b>
05	REH-1X2.50MM	2.5	3.2	47 / 0.26	30 Amp.	<b>\$0.95</b>