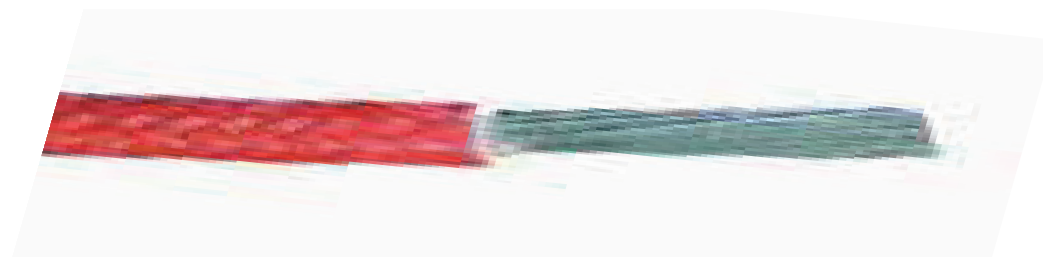




Silicon resin high-temperature wire



Product application:

These cable are applied to high temperature situation such as electronics , family machines, lighting lamps, inner of burning machinery, and so on

Product characteristic:

Construction

- Tin-plated, nickel-plated and silver-plated copper wire conductor
- Silicon resin isolation

Technical:

- Nominal voltage : 600V
- Temperature range : -600°C ~+2000°C

Properties:

- Outstanding insulation property, high-and-low-temperature resistance, corona and electric arc resistance, water-proof.
- Outstanding resistance to weather-aging, ozone and chemicals.
- With silicone resin, the H-grade motor, other electric appliances would be size-small, weight-light, last-long and could be used under harsh environment.
- When over loaded, the motor or other electric appliance would not go out of order and would not burn heavily. The gasses giving off are not poisonous. The remains after burning is silicon dioxide.



Product specification:

AWG	Conductor		Isolation			Max conductor resistance in 20°C Ω /km	Gross Weight kg/km
	Nominal cross section mm ²	Conductor construction No./mm	Nominal thickness mm	Nominal O.D. mm	Max O.D. mm		
26	0.128	7/0.16	0.78	2.1	2.3	143	4.6
24	0.205	7/0.20	0.78	2.2	2.4	92	5.7
22	0.324	7/0.26	0.78	2.4	2.6	56.8	8.3
20	0.519	7/0.32	0.78	2.5	2.7	40.1	10.4
18	0.823	7/0.40	0.78	2.8	3	23	14.6
16	1.31	7/0.50	0.78	3.1	3.3	14.6	20
14	2.08	41/0.254	0.78	3.6	3.8	9.9	27
12	3.31	19/0.50	0.78	4.1	4.3	5.4	36
24	0.2	1/0.50	0.78	2.2	2.4	95	5.9
24	0.2	12/0.15	0.78	2.2	2.4	95	5.9
22	0.3	1/0.62	0.78	2.3	2.5	71.2	7.2
22	0.3	17/0.15	0.78	2.3	2.5	71.2	7.2
20	0.5	1/0.80	0.78	2.5	2.7	40.1	10.1
20	0.5	28/0.15	0.78	2.5	2.7	40.1	10.1
18	0.75	1/1.0	0.78	2.8	3	26.7	13.2