

Super Flexible Silicone Wire

- Rated Voltage:600V
 - Rated Temperature:-60°C~+200°C
- Standard: UL758



Composition:

- 1.Conductor:Tinned Copper Core
- 2.Insulation:Silicone Rubber

Application:

Internal Wiring of RC, Motor, Battery, etc. Where Super Flexible Environment Use Totally Enclosed.

Specification:

Size		Conductor		Insulation Thickness mm	Outer Diameter mm	Tolerance mm	Max Resistance At 20°C Ω/km
Section AWG Size	Section mm2	Structure No./mm	Diameter mm				
20	0.50	100/0.08	0.95	0.80	2.40	±0.15	40.1
18	0.75	150/0.08	1.20	0.80	2.80	±0.15	26.7
17	1.00	200/0.08	1.35	0.80	2.90	±0.15	20.0
16	1.27	252/0.08	1.50	0.80	3.10	±0.15	14.6
15	1.50	300/0.08	1.60	0.80	3.20	±0.15	13.7
14	2.01	400/0.08	2.00	0.80	3.60	±0.20	9.9
12	3.42	680/0.08	2.50	0.80	4.10	±0.20	5.4
10	5.27	1050/0.08	3.20	1.10	5.50	±0.20	3.5
8	8.29	1650/0.08	4.40	1.20	6.80	±0.20	2.3
6	16.00	3200/0.08	5.80	1.30	8.50	±0.20	1.2

Data:

Items			Data
Outer Appearance			Smooth, Even, Without Loose
Spark Test			AC6KV/ 0.15 S
Vol. Test			2 KV/1 min
Insulation Resistance			≥30.5MΩ/KM
Mechanical Properties Of Insulation Material	Before Aging	Tensile Strength	≥3.45N/mm²
		Elongation At Break	≥100%
	After Aging (200±3°C×240h)	Tensile Strength	60% Of The Tensile Strength Before Aging
		Elongation At Break	25% Of The Elongation Before Aging