

Silicone rubber Conductor wire



High-Temperature-Resistant Silicone Rubber Conductor Wire



High-Temperature-Resistant Silicone Rubber Conductor Wire Braided in Glass Fibers

Silicone rubber wire is mainly used in high temperature environments. The highest working temperature is up to 200°C. The grades of Voltage-resistant include 300V, 600V and high voltage wire. The products use copper wire plated with tin (or nickel, silver) as conductor material, wrapped in insulating material of high-temperature-resistant silicone rubber, outside of which braided in glass fibers coated with high-temperature-resistant resin which is anti-inflammation.

The main characteristics of the silicone rubber wire made by our company, include fine electricity function, water-resistant, high-Temperature-resistant anti-inflammation.

All products are made according to the security authentication standards of UL758, UL1581 from USA and CSA from Canada, which provide absolute guarantee for security. There are more than ten bright and non-faded colors for the products like red, yellow, and green etc., and with shining clean surface. Security authentication of UL from USA and VDE from Germany, and is applying for CSA security authentication from Canada. Welcome all to order from us. Our company can also make special specification silicone rubber wire and cable according to provided samples and data.

H05S-K Silicone Rubber Conductor Wire

VDE APPROVAL NO.120718

(Resistant Temperature 200°C, Rated Voltage 300/500V)

Conductor Size(mm ²)	Strand (No./mm)	Nominal Insulation Thickness(mm)	Nominal Outer Diameter (mm)
0.5	28/0.15	0.8	2.55
0.75	42/0.15 (24/0.20mm)	0.8	2.75
1.0	32/0.20	0.8	2.95
1.5	48/0.20	0.9	3.25
2.5	49/0.25	1.0	4.00

H05SJ-K High-Temperature-Resistant Silicone Rubber Conductor Wire Braided In Glass Fibers**VDE APPROVAL NO.120718**

(Resistant Temperature 200°C; Rated Voltage 300/500V)

Conductor Size (mm ²)	Strand (No./mm)	Nominal Insulation Thickness(mm)	Nominal Outer Diameter of rubber conductor wire(mm)	Thickness of fibers glass braided
0.5	28/0.15	0.6	2.15	0.2~0.3 mm
0.75	42/0.15	0.6	2.35	0.2~0.3 mm
1.0	32/0.20	0.6	2.55	0.2~0.3 mm
1.5	48/0.20	0.7	2.85	0.2~0.3 mm
2.5	49/0.25	0.8	3.60	0.2~0.3 mm

UL E192545 AWM3135 High-Temperature-Resistant Silicone Rubber Conductor Wire

(Resistant Temperature 200°C; Rated Voltage 600V)

Conductor Size(AWG)	Strand (No./mm)	Nominal Insulation Thickness(mm)	Nominal Outer Diameter (mm)
20	01/0.82	0.77	2.38
18	07/0.39	0.77	2.76
16	07/0.50	0.77	3.06
14	07/0.62	0.77	3.42
12	19/0.48	0.77	3.96

UL E192545 AWM3122 High-Temperature-Resistant Silicone Rubber Conductor Wire Braided In Glass Fibers

(Resistant Temperature 200°C; Rated Voltage 300V)

Conductor Size(AWG)	Strand (No./mm)	Nominal Insulation Thickness(mm)	Nominal Outer Diameter (mm)
22	01/0.65	0.39	1.80
20	01/0.82	0.39	2.00
18	07/0.39	0.39	2.30
16	07/0.50	0.39	2.60
14	07/0.62	0.50	3.30

UL E226893 SF-2 High-Temperature-Resistant Silicone Rubber Conductor Wire Braided In Glass Fibers

(Resistant Temperature 200°C; Rated Voltage 600V)

Conductor Size(AWG)	Strand (No./mm)	Nominal Insulation Thickness(mm)	Nominal Outer Diameter (mm)
AWG 18	07/0.39	0.77	3.10
AWG 16	07/0.50	0.77	3.40
AWG 14	07/0.62	0.77	3.75