

CHARACTER:

1. Physical performance

- a、Tensile strength≥3.45MPa; elongation at break≥100%。
After aging:
Condition: 232°C±1°C /168h
Tensile strength residual rate≥60%, elongation at break≥25%

- b、Flame retardancy: FT2, horizontal burning, burning once, 30s each time, no particles or droplets igniting the cotton layer can be emitted on the sample during the test

- c、Low temperature bending: -10°C±2°C, 4h, no crack on the surface of the sample is qualified

2. Electrical Properties

- a、Rated temperature: 200°C Rated voltage: 300V (18~30AWG)、600V (4/0~16AWG)

- b、Spark test:
18~30AWG : no breakdown occurs when passing through the test electrode. The spark test voltage was 3KV AC
4/0~16AWG : no breakdown occurs when passing through the test electrode. The spark test voltage was 6KV AC

- c、Medium voltage: 2.0KV AC, 60 seconds without breakdown

3. Environmental protection

- a、ROHS/REACH compliant

SHOULD BEUSED:

Internal wiring of appliances where totally enclosed.

REFERENCE:

QFR Company Standard

Outline

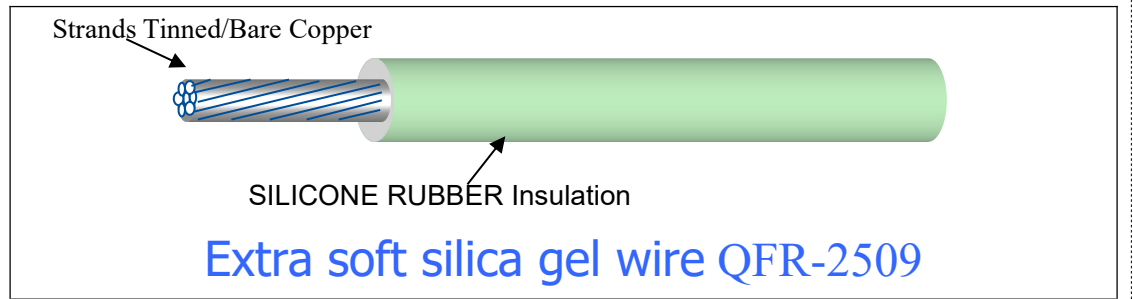
SAE COLOR SERIES

** STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*包装				
型号	包装方式- M/roll			
4/0-5AWG	<input checked="" type="checkbox"/> 50M	<input type="checkbox"/> 100M	<input type="checkbox"/> 200M	<input type="checkbox"/> 400M
6-13AWG	<input type="checkbox"/> 50M	<input checked="" type="checkbox"/> 100M	<input type="checkbox"/> 200M	<input type="checkbox"/> 400M
14-18AWG	<input type="checkbox"/> 50M	<input type="checkbox"/> 100M	<input checked="" type="checkbox"/> 200M	<input type="checkbox"/> 400M
20-30AWG	<input type="checkbox"/> 50M	<input type="checkbox"/> 100M	<input type="checkbox"/> 200M	<input checked="" type="checkbox"/> 400M

According to customer requirements for packaging packaging



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 200°C silicone rubber insulated wire
Rated temperature: 200°C rated voltage: 300V or 600V

STYLE	Rated voltage (V)	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20°C (Ω/Km)	Conductor or Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)		standard Mm2
						Nom	Min.	No.	Tole.	
QFR-2509	600V	4/0	24000/0.08	0.172	14.50	3.00	2.60	20.50	±0.30	120.0
		3/0	19000/0.08	0.219	13.00	3.00	2.60	19.00	±0.30	95.00
		2/0	14000/0.08	0.277	11.00	2.50	2.10	16.00	±0.30	70.00
		01	10000/0.08	0.440	9.50	1.75	1.45	13.00	±0.20	50.00
		02	6700/0.08	0.555	7.85	2.07	1.60	12.00	±0.20	35.00
		04	4210/0.08	0.880	6.50	2.75	2.00	12.00	±0.20	21.15
		05	3340/0.08	1.113	5.50	1.75	1.45	9.00	±0.20	16.78
		06	2650/0.08	1.403	5.00	1.75	1.45	8.50	±0.20	13.30
		07	2000/0.08	1.768	4.15	1.50	1.25	7.20	±0.20	10.00
		08	1650/0.08	2.230	3.90	1.30	1.15	6.50	±0.20	8.28
		10	1050/0.08	3.54	3.20	1.15	0.92	5.50	±0.15	5.27
		11	750/0.08	4.48	2.70	1.15	0.92	5.00	±0.15	3.80
		12	680/0.08	5.64	2.50	1.00	0.86	4.50	±0.15	3.40
		13	500/0.08	7.10	2.10	0.95	0.75	4.00	±0.15	2.50
		14	400/0.08	8.96	1.90	0.80	0.68	3.50	±0.15	2.00
		16	252/0.08	14.60	1.47	0.76	0.65	3.00	±0.10	1.26
		300V	17	210/0.08	18.30	1.33	0.68	0.51	2.70	±0.10
18	150/0.08		23.20	1.20	0.55	0.46	2.30	±0.10	0.75	
20	100/0.08		36.70	0.95	0.42	0.35	1.80	±0.10	0.50	
22	60/0.08		59.40	0.70	0.50	0.42	1.70	±0.10	0.30	
24	40/0.08		94.20	0.58	0.50	0.42	1.60	±0.10	0.20	
26	30/0.08		150.0	0.50	0.50	0.42	1.50	±0.10	0.15	
	28	16/0.08	239.0	0.37	0.41	0.34	1.20	±0.10	0.08	
	30	11/0.08	381.0	0.30	0.25	0.21	0.80	±0.10	0.055	

标志: STYLE QFR-2509 NO.AWG/NO.mm2 200°C 300V or 600V SILICONE RUBBER QIFURUI FT2 -LF-