

CHARACTER:

1. Physical performance

- a、 **Tensile strength**≥5.0MPa; **elongation at break**≥150%。
After aging:
Condition: 180℃±1℃ /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:** -40℃±2℃, 4h, no crack on the surface of the sample is qualified

2. Electrical Properties

- a、 **Rated temperature:** 150℃ **Rated voltage:** 1500V
- b、 **Spark test:** 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. Processing properties

- a、 Cold extrusion processing is used
- b、 Or use high temperature vulcanization process
- c、 Good wiring harness processing performance
- d、 Good compatibility in the wiring harness processing process

4. Environmental protection

- a、 ROHS/REACH compliant

SHOULD BE USED:

Battery connection wire

REFERENCE:

QC/T 1037

3F product code:

eg: EVS100008-332G

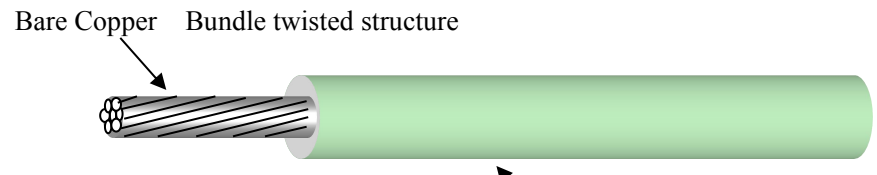
EVS, 10mm², ORANGE, 19/17/0.2, Bare copper

Instructions for Use:

Do not use in corrosive environment such as strong acid and alkali, do not use in water or high humidity environment, do not use outdoors exposed to sunlight.

It is recommended that the minimum bending radius of wire wiring be 5 times OD and above, and that the wire should not be used under strong stress conditions, and the wire should be stored in a dry and ventilated room.

If you have special requirements, please contact us.



SILICONE RUBBER Insulation Jacket

Battery cell wire EVS

Wire structure description:

Conductor: Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Battery connection wire. Conductor temperature not over 150℃ silicone rubber insulated wire

Rated temperature: 150℃ rated voltage: 1500V

STYLE	standard (mm ²)	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	insulation thickness (mm)		Overall diameter (mm)	
				Nom.	Min.	Nom.	Tole.
EVS	0.50	16/0.2	37.1	0.60	0.50	2.12	±0.10
	0.75	24/0.2	24.7	0.60	0.50	2.33	±0.10
	1.00	32/0.2	18.5	0.6	0.5	2.50	±0.10
	1.50	48/0.2	12.7	0.60	0.50	2.80	±0.10
	2.00	65/0.2	9.42	0.80	0.60	3.46	±0.15
	2.50	80/0.2	7.6	0.80	0.60	3.67	±0.15
	3.00	96/0.2	6.15	0.80	0.60	3.86	±0.15
	4.00	127/0.2	4.71	0.80	0.65	4.20	±0.15
	5.00	160/0.2	3.94	0.80	0.65	4.52	±0.15
	6.00	19/10/0.2	3.14	0.80	0.65	5.25	±0.15
	10.0	19/17/0.2	1.82	1.00	0.80	6.76	±0.15
	16.0	19/27/0.2	1.16	1.00	0.80	8.00	±0.20
	25.0	19/42/0.2	0.743	1.40	1.10	10.28	±0.20
	35.0	19/59/0.2	0.527	1.40	1.10	11.66	±0.20
	50.0	94/84/0.2	0.368	1.60	1.30	13.80	±0.30
70.0	19/118/0.2	0.259	1.60	1.30	15.75	±0.30	
95.0	19/16/0.2	0.196	1.80	1.50	18.20	±0.30	
120.0	19/(18*10+1*22)/0.2	0.153	1.80	1.50	21.85	±0.40	

Marking: EVS CABLE XXmm² 150℃ 1500V QIFURUI

SAE COLOR SERIES

*** STOCK COLOR CHART**

08-ORANGE

PACKAGE

***PACKAGE**

Confirm by the supply and demand parties

