

Fu Shan Electric Wire & Cable Co., Ltd

No.10, Wucyuan 8th Rd., Wugu Township, Taipei County 248, Taiwan (R.O.C.)

(Wugu Industrial District)

TEL: 886-2-2299-4111 FAX: 886-2-2299-3480

www.fushan-cable.com.tw service@fushan-cable.com.tw



戰車牌

Rubber Welding Cable

Conductor		Thickness of insulation (mm)	Overall Diameter (mm)	Max. conductor resistance (uncoated) $\Omega/\text{km}(20^\circ\text{C})$	Approx. weight (kg/km)	Ampacity (A)			
Nominal sectional area (mm ²)	Construction					Cont. Load	80% Load	50% Load	
	Number & Diameter of wire (mm)	Outer Diameter (mm)							
14	7/64/0.2	5.3	2.35	10	1.376	220	80	105	120
22	7/100/0.2	6.4	2.40	11.2	0.880	290	105	130	150
30	12/79/0.2	7.5	2.50	12.5	0.650	390	130	160	190
38	14/87/0.2	8.5	2.70	13.9	0.506	480	150	190	220
50	19/83/0.2	9.8	2.90	15.6	0.391	610	175	220	260
60	19/100/0.2	10.6	2.95	16.5	0.324	730	200	250	300
80	27/95/0.2	12.4	3.15	18.7	0.240	950	245	310	370
100	30/107/0.2	13.7	3.40	20.5	0.192	1130	280	350	430
125	37/108/0.2	15.5	3.75	23.0	0.154	1480	320	400	490
150	37/129/0.2	17.2	3.90	25.0	0.129	1750	350	440	550
200	37/102/0.26	20.0	4.00	28.0	0.0963	2320	435	550	670
250	37/127/0.26	22.2	4.40	31.0	0.0774	2810	500	625	750
325	37/165/0.26	25.0	5.00	35	0.0596	3650	540	670	810

- ❖ Conductor: Stranded soft copper conductor, maximum accepted temperature is 60 °C
- ❖ Insulation: Nature Rubber according to CNS-8935
- ❖ Regulation: CNS-8935 and VDE-0250 for reference
- ❖ Voltage: 600V
- ❖ Ambient temperature: 40 °C
- ❖ Printing: TANK 600V WCT XX MM² FSC
- ❖ Characteristic: rubbed resistant, and flexible
- ❖ Application: for welding machine
- ❖ Ampacity above is counted with one wire in the air. If setting two, three, four or six wires, ampacity has multiplied by 80%, 70%, 60% or 50%. "80% Load" and "50% Load" mean the proportion of period of time in electrify.

Ambient temperature	40-45	45-50	50-55	55-60	60-65	Note : 40-45 means equal or more than 40°C, and less than 45°C. Others are the same.
Coefficient of ampacity	0.91	0.82	0.71	0.58	0.41	