



戰車牌

Welding Cables



Scope : These flexible cables are mainly used for welding conductor and holder.

Construction: Uncoated copper conductor, separator (paper) tape wrapped, natural rubber or neoprene (polychloroprene) sheathed.

Type No. 1 : Synthetic rubber insulated wire, electric.

Type No. 2 : Rubber insulated and armoured wire, electric.

Conductor		Approx. thickness of separator tape mm	Thickness of insulation mm	Approx. overall diameter mm	Conductor resistance 20°C/Km	Approx. weight Kg/Km	Standard length m
Nominal Sectional area mm ²	Number Approx./mm						
15	475 x 0.2	0.1	2	10.2	1.3011	230	100
25	783 x 0.2	0.1	2	11.6	0.7745	340	100
35	1107 x 0.2	0.1	2	13.1	0.5567	450	100
50	1554 x 0.2	0.1	2	15.1	0.3910	625	100
70	2196 x 0.2	0.1	2.2	17.4	0.2807	870	100
95	2940 x 0.2	0.1	2.2	19.3	0.2040	1120	100

Above construction adapt to VDE 0250

Flexible Cables for Welding Machines

(WCT, WNCT, WRCT and WRNCT) (JIS C-3404)

Two kinds are manufactured: One is for conductor and the other is for holder. Also divided by construction into Class 1 which is insulated with natural rubber and Class 2 which is insulated with polychloroprene.

Cables for Conductor (Class 1 and 2)

Conductor			Approx. thickness of paper tape mm	Thickness of rubber insulation mm	Thickness of cabtyre rubber (class 1 & 2) mm	Overall diameter mm	Conductor resistance (20°C)		Approx. weight		Standard length m
Nominal sectional area mm ²	Number & Diameter of wire mm	Outer diameter mm					Un-tinned	Tinned	Class 1	Class 3	
							.Ω/km		kg/km		
22	7/20/0.45	7.0	0.1	—	2.3	11.8	0.844	0.892	311	330	200
38	7/34/0.45	9.1	0.1	—	2.6	14.5	0.496	0.525	497	520	200
60	19/20/0.45	11.7	0.1	—	2.8	17.5	0.311	0.327	753	790	200
100	19/34/0.45	15.2	0.1	—	3.2	21.8	0.183	0.193	1230	1270	200
150	27/34/0.45	18.7	0.1	—	3.5	25.9	0.129	0.136	1710	1770	200
200	37/34/0.45	21.2	0.1	—	3.8	29.0	0.0939	0.0913	2300	2370	200

Cables for Holder (Class 1 and 2)

22	7/7/22/0.16	6.6	0.1	0.8	1.6	11.6	0.896	—	316	323	200
38	7/7/38/0.16	8.7	0.1	0.8	1.8	14.1	0.519	—	503	519	200
60	7/7/60/0.16	10.9	0.1	0.8	2.0	16.7	0.328	—	758	779	200
100	12/7/60/0.16	14.3	0.1	1.0	2.4	21.3	0.193	—	1230	1270	200