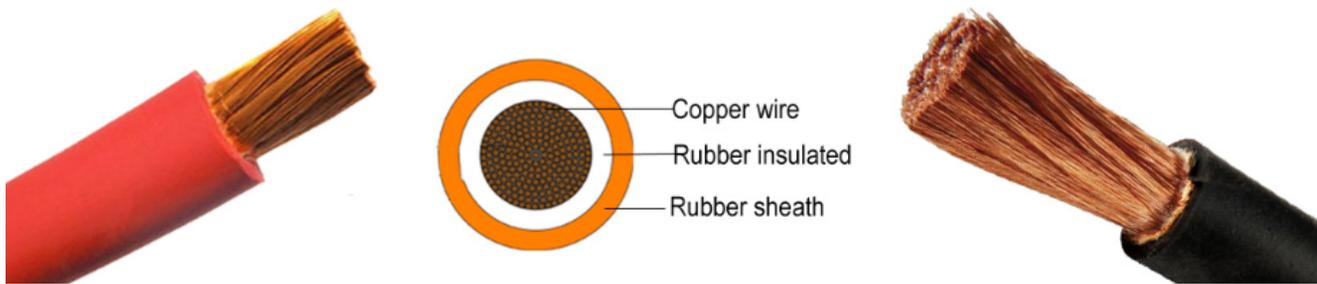


Flexible Rubber Welding Cable



Construction

Conductor: Plain annealed copper Class 5

Insulation & Jacket: Rubber

Color: Black and Red

Applications

Designed for the secondary (high current) connection of automatic or hand-held metal arc welding electrodes. It is suitable for flexible use under rugged conditions, such as on assembly lines and conveyor systems, in machine tool and car manufacturing, ship building, and for manually and automatically operated line and spot welding machines. The robust sheath offers resistance to oils, solvents, flame, and abrasion.

Standards

Product Standard: IEC 60245-6 (Rubber), EN 50525-2-81.

Conductor: IEC 60228 Class 5.

Oil Resistant: IEC 60811-404.

Flame Retardant: IEC 60332-1-2.

Environmental: RoHS 2011/65/EU & REACH Compliant.



Specification

Nominal Voltage	600V
Test Voltage	2500V AC/5 Min
Temperature Range	Max 90°C, Min -20 °C
Min. Bending Radius	6 x Overall Diameter (Dynamic use)
Chemical Resistance	Excellent resistance to oils, ozone, and hydrolysis

Technical Data

Size (AWG)	Nominal Stranding (No./AWG)	Nominal Stranding (No./mm)	Nominal O.D. (inch)	Nominal O.D. (mm)	Approx. Net Weight (lbs/1000ft)	Max. Conductor Resistance at 20°C (/km)
6	259/30	259/0.254	0.43	10.92	152	1.33
4	418/30	418/0.254	0.475	12.07	215	0.84
2	646/30	646/0.254	0.54	13.72	296	0.53
1	836/30	836/0.254	0.58	14.73	360	0.42
1/0	1032/30	1032/0.254	0.615	15.62	424	0.33
2/0	1290/30	1290/0.254	0.655	16.64	513	0.26
3/0	1672/30	1672/0.254	0.72	18.29	644	0.21
4/0	2066/30	2066/0.254	0.78	19.81	824	0.17

Nom. Cross Sectional Area (mm ²)	Conductor Structure (No./mm)	Nom. Thickness of Sheath (mm)	Max. O.D. (mm)	Cable Approx. Weight (kg/km)	Max D.C Resistance at 20°C (/km)	Permissible Current Rating (A)
10	322/0.20	1.8	9.7	133	1.91	75
16	513/0.20	2	11.5	216	1.16	105
25	798/0.20	2	13	300	0.758	135
35	1121/0.20	2	14.5	406	0.536	170
50	1596/0.20	2.2	17	568	0.379	215
70	2220/0.20	2.4	19.5	780	0.268	265
95	2997/0.20	2.6	22	1037	0.198	325
120	1702/0.30	2.8	24	1314	0.161	380
150	2146/0.30	3	27	1644	0.129	435
185	1443/0.40	3.2	29	1957	0.106	496