

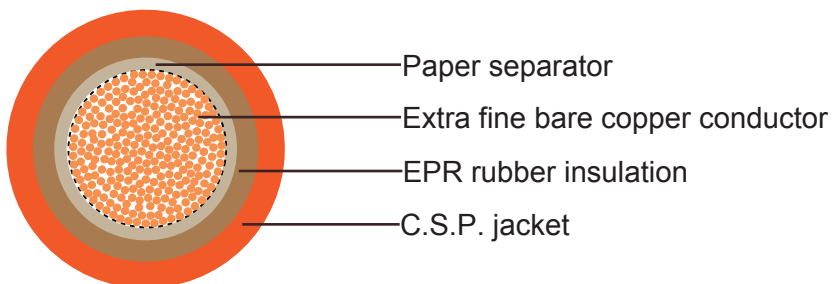


### 0361TQ to BS 683

#### Application and Description

These cables are used for the transmission of high currents from the electric welding machine to the welding tool. they are suitable for flexible use under rough conditions, on assembly lines and conveyor systems, in machine tool and motor car manufacturing, ship building, for manually and automatically operated line and spot welding machines.

#### Cable Construction



0361TQ



0361TQ

- Extra fine bare/tinned copper strands
- Stranding to BS 6360 CL-6, or CL-5 (120mm<sup>2</sup> and above)
- Synthetic or paper separator over core
- EPR GP4 (Ethylene Propylene Rubber) to BS7655
- Polychloroprene rubber (neoprene) sheath EM5, HOFR (Heat and Oil Resistant and Flame Retardant) to BS7655, black/ orange

#### Technical Characteristics

- Working voltage: 100/100 volts  
(450V for non-welding applications if suitably protected from mechanical damage)
- Test voltage: 1000 volts
- Minimum bending radius: 6xOverall diameter
- Operating temperature: -25° C to +85° C
- Flame retardant: IEC 60332.1



### Cable Parameter

AWG (No of Strands/ Strand Diameter)	No. of Cores x Nominal Cross Sectional Area #xmm <sup>2</sup>	Nominal Thickness of Insulation mm	Nominal Thickness of Sheath mm	Nominal Overall Diameter mm	Nominal Weight kg/km
6(903/35)	1x16	1.2	2	11.0±0.5	230
4(1407/35)	1x25	1.4	2	12.5±0.5	325
2(1974/35)	1x35	1.4	2	14±0.5	440
1(2830/35)	1x50	1.6	2.2	16.5±0.5	600
2/0(3952/35)	1x70	1.6	2.4	18.5±0.5	830
3/0(5370/35)	1x95	1.8	2.6	21.0±0.5	1110
4/0(614/24)	1x120	1.8	2.8	23.5±0.5	1375
300 MCM (765/24)	1x150	2	3	26±0.5	1680
350 MCM (944/24)	1x185	2.2	3.2	27.5±0.5	2050
500MCM(1225/24)	1x240	2.4	3.2	30.5±0.5	2630