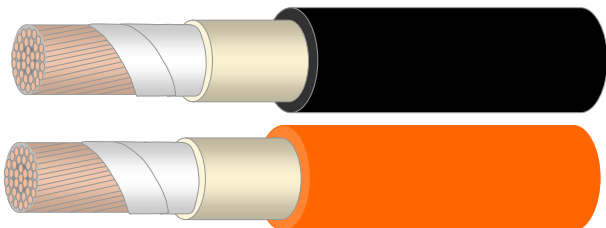


TQ 0361

Based on BS 638.4 ,BS 6360 , BS 7655



EPR/CPE insulated welding cables



CONSTRUCTION

Conductors	Fully annealed flexible stranded bare copper Class 6 or 5 (above 120 mm ²) per BS 6360.
Separator	A suitable tape separator between the conductor and insulation.
Internal layer	Ethylene Propylene Rubber (EPR) Type EI7 to BS 7655 .
Outer jacket	CPE compound exceed Type EM5 to BS 7655.
Colour of outer jacket	Black or orange .

FEATURES

- Heat resistance.
- Excellent flexibility.
- Ozone, sun, weather resistant.
- Temperature range -40°C to +90 °C .
- Oil resistant , flame retardant.
- Ink jet printed for easy identification.

APPLICATIONS

- Secondary voltage resistance welding leads.
- Leads for motors, generators, batteries.
- For use in underground and open mines .
- Other industrial applications

Standard length cable packing	1000m on drums. Other forms of packing and delivery are available on request
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Selection Data

SIZE	Conductor Stranding	Nominal Thickness EPR /CPE layer	Approx. weight	Approx. O.D.	Current Carrying Capacity in air at 85 °C
mm ²	Nxmm	mm	kg/km	mm	A
10	301x0.2	0.7/1.3	137	8.1	130
16	462x0.2	0.7/1.3	199	9.4	175
25	723x0.2	0.7/1.3	276	10.2	215
35	1035x0.2	0.7/1.3	380	11.6	270
50	1480x0.2	0.9/1.3	519	13.2	340
95	2738x0.2	1.1/1.5	942	17.5	410
120	1548x0.3	1.2/1.6	1190	19.2	475
185	1319x0.4	1.3/1.9	1797	24.4	610
240	1752x0.4	1.2/2.2	2330	26.5	710

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