



Double Insulated Rubber Welding Cable

Application:

For the transmission of high currents from the electric welding machine to the welding tool. 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.

Standards:

BS EN 50525-2:2011 (Replaced to BS 638)

Conductor: Class 6 extra flexible bare copper conductors to BS60228. (Class5 flexible bare copper for 120mm² and above)

Separator:

PETP (Polyethylene Terephthalate)

Insulation:

EPR (Ethylene Propylene Rubber) to Bs7655

Sheath:

HOFR (Heat and Oil Resistant and Flame Retardant) Sheath to Bs7655

Colour: Orange

Voltage Rating:

100V (450V for non-welding applications if suitably protected from mechanical damage)

Temperature rating: -20°C to +85°C

Minimum bending radius: 6 x overall diameter

Specifications of Double Insulated Rubber Welding Cable

Sqmm	Nominal Overall Diameter mm	Max. Strand Diameter (mm)	Mzx.CR (Spec.) Ohms/km	Radial Insulation thickness mm
16	9.70	0.21	1.240	1.20
25	11.20	0.21	0.795	1.20
35	12.40	0.21	0.565	1.20
50	14.30	0.31	0.393	1.50
70	16.30	0.31	0.277	1.50
95	18.60	0.31	0.210	1.80
120	20.30	0.51	0.164	2.80