



## • Introduction

The 0361TQ flexible welding cable, featuring an orange or black sleeve, serves as the link between an electric welding machine and a welding gun. This cable carries large currents, facilitating the fusion of metals in both manual and automatic welding machines.

## • Application

The 0361TQ cable is ideal for various industrial applications, including factory assembly lines, conveyor systems, machine tool operations, and car manufacturing and repairs. It is designed for heavy-duty use under medium mechanical stress conditions and is suitable for both dry and wet environments. Additionally, it can be utilized for domestic electric tools, light and sound technology, and other industrial purposes.

## • Performance

Voltage Rating: 100 Volts  
 Temperature Limits: -20°C to +85°C  
 Minimum Bending Radius: As per cable manufacturer datasheet; should not be installed at temperatures below 0°C

## • Construction

Conductor: Flexible stranded circular copper conductor, single core  
 Insulation: Neutral Ethylene Propylene Rubber (EPR)  
 Sheath: Chlorosulphinated Polythene (CSP)  
 Sheath Colour: Orange, Black

## • Specification

-BS 638 Part 4  
 -Flame retardant to BS EN 50525-2-81  
 -Conforms to IEC 60332-1-2

## • Eastful Cable Lab



We have CNAS Accredited Facility to assure conformity assessment services with a focus on quality, expertise, and customer satisfaction. CNAS has international mutual recognition among IAF, ILAC, APLAC and PAC.

## • Accreditation

We meet the requirements of ISO9001, ISO14001, ISO45001 and ISO50001 and our cables have certificate of CCC, RoHS, CASC, UL, cUL, TÜV Rheinland and CCS.



## • National Green Factory



Our facility has been awarded of National Green Factory by Ministry of Industry and Information Technology of China. We are committed to the development of high-end, intelligent and green manufacturing industry.

\*The overall energy consumption level of green factories is better than the energy efficiency benchmark level.

● Technical Parameters

No. of Cores x Nominal Cross Section Area	Nominal Thickness of Insulation	Nominal Thickness of Sheath	Nominal Overall Dia.	Nominal Weight
mm <sup>2</sup>	mm	mm	mm	kg/km
1x16	1.2	2	11.0±0.5	230
1x25	1.4	2	12.5±0.5	325
1x35	1.4	2	14±0.5	440
1x50	1.6	2.2	16.5±0.5	600
1x70	1.6	2.4	18.5±0.5	830
1x95	1.8	2.6	21.0±0.5	1110
1x120	1.8	2.8	23.5±0.5	1375
1x150	2	3	26±0.5	1680
1x185	2.2	3.2	27.5±0.5	2050
1x240	2.4	3.2	30.5±0.5	2630