Introduction

Class M Welding Cable is known for its superior flexibility and durability compared to other welding cables. It features a single fully annealed stranded bare copper conductor composed of 34 AWG strands. The smaller strands and higher strand count provide increased flexibility. Class M cables come with thermoset jacketing, typically made from EPDM or Neoprene.

Application

Class M Welding Cable is UL/CSA listed and suitable for use as a battery cable, in secondary voltage resistance welding leads, and in power supply applications. Sizes from 1/0 AWG to 500 MCM can also be installed in conduit or trays for power supplies, hoists, cranes, and other applications not exceeding 600V.

Feature

Class M Welding Cable features superior flexibility and durability, fire prevention, impact resistance, and protection against rats, mosquitoes, and radiation. It operates at low working temperatures, has strong overload resistance, and boasts a long service life with high safety standards, explosion-proof properties, corrosion resistance, and high mechanical strength.
Operating Temperature:50°C to +200°C
Rating Voltage: 600V

Construction

Conductor: Fully annealed stranded bare copper per ASTM B-172 Class M
Insulation Material: EPDM (Ethylene Propylene Diene Monomer)
Jacket: Chlorinated Polyethylene (CPE) Jacket

Specification

-UL Listed
-CSA Certified
-MSHA Approved
-Meets UL Vertical Flame Test per UL 854
-RoHS Compliant

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 Rhineland 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.