

Welding Cable

Rubber cable for flexible power and industrial connection

Welding Cable is prepared for preliminary product selection and quotation review. This product is used where flexibility, movement, abrasion resistance and outdoor or industrial operating conditions are part of the cable selection.



VOLTAGE

600V

CONDUCTOR

Flexible copper conductor route, according to product standard

TYPICAL USE

Portable equipment

STANDARDS

UL 1581; IEC 60245

DATA SCOPE

1 technical table(s) included for preliminary selection

SELECTION NOTE

Confirm voltage, flexibility, sheath material, oil/weather resistance and standard.

For quotation review, provide cable type, standard, size, quantity and project destination.

ethan@farwalkcable.com | +86 155 5800 6344

Application & Selection Summary

Typical applications

- Portable equipment
- construction sites
- welding machines
- industrial power connection
- flexible supply routes exposed to movement or mechanical stress.

Selection logic

- Confirm voltage grade, conductor size, flexibility requirement, sheath material, oil/weather resistance and applicable standard.

Construction Overview

Item	Website-ready content
Product route	Flexible copper conductor with rubber insulation and outer sheath according to the selected product type.
Voltage	600V
Conductor	Flexible copper conductor route, according to product standard
Standards	UL 1581; IEC 60245
Confirmation	Final structure, dimensions and packing should follow selected standard, quotation review and order specification.

Readable Data Index

Data route	Size / rating range	Construction	Diameter / OD	Resistance / weight / rating
Flexible EPDM Welding Cable - 600V Rating	#6 AWG - 250 kcmil	259 / 30 AWG - 2496 / 30 AWG	8.2 - 20.2	165 - 1520

Data boundary: these tables support website launch, quotation review and preliminary product selection. For project execution, final dimensions, electrical performance, packing and compliance documents should be confirmed against the selected project standard and order specification.

Flexible EPDM Welding Cable - 600V Rating

Reference table for preliminary selection and quotation review.

Size (AWG)	Approx. mm ²	Typical Stranding (Class K)	Approx. Overall Dia. (mm)	Approx. Weight (kg/km)	Current Rating @ 100ft (Amps)
Flexible EPDM Welding Cable - 600V Rating					
#6 AWG	13.3	259 / 30 AWG	8.2	165	50
#4 AWG	21.1	416 / 30 AWG	9.6	260	75
#2 AWG	33.6	655 / 30 AWG	11.2	410	100
#1 AWG	42.4	817 / 30 AWG	12.8	515	125
1/0 AWG	53.5	1045 / 30 AWG	13.5	635	175
2/0 AWG	67.4	1323 / 30 AWG	15.0	815	225
3/0 AWG	85.0	1666 / 30 AWG	16.8	1015	250
4/0 AWG	107.2	2107 / 30 AWG	18.5	1295	300
250 kcmil	126.7	2496 / 30 AWG	20.2	1520	350