

# Ultra-Flexible Welding Cable (Orange/Black EPDM, 600V)

Farwalk's Welding Cables are engineered for the ultimate balance of heavy-duty power and extreme flexibility. Utilizing thousands of fine copper strands and a rugged thermoset EPDM jacket, these cables are designed to withstand constant dragging, abrasion, and hot weld spatter in the most aggressive shipyard and fabrication environments.



## Applications

The primary choice for connecting welding machines to electrodes (the torch) and work-clamps. Beyond welding, it is widely utilized as a high-flex battery cable for marine systems, large-scale automotive winches, and off-grid solar energy storage where space for cable routing is extremely limited.

## Description

Manufactured to meet UL 1581 and IEC 60245 standards. The conductor is made of Class K (30 AWG strands) or Class M (34 AWG strands) plain annealed copper. A specialized tape separator is applied between the copper and the jacket to ensure the strands move freely. The outer jacket is a premium EPDM or Neoprene rubber, available in high-visibility Orange or standard Black.

## Specifications

- **Voltage Rating: 600V**
- **Conductor: Class K/M Fine Stranded Copper**
- **Jacket Material: Heavy-duty EPDM or Neoprene**
- **Temp. Rating: -50°C to 105°C**
- **Resistance: Heat, Spatter, Oil, Acid, and Abrasion**

# Farwalk Cable — Ultra-Flexible Welding Cable

## Complete Technical Tables

### High-Flex Welding Cable (AWG Sizes)

Size (AWG)	Approx. mm <sup>2</sup>	Typical Stranding (Class K)	Approx. Overall Dia. (mm)	Approx. Weight (kg/km)	Current Rating @ 100ft (Amps)
<b>Flexible EPDM Welding Cable - 600V Rating</b>					
#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