



## Ultra-Flex® Welding Cable

Ultra-Flex welding cable is designed to give you extra flexibility where stingers/whips, leads, and grounds are used. Designed especially where high flexibility is required such as pipelines, robotics, and tight spaces.

- Meets SAE J1127
- Resists Abrasion, Cut, Tear, Ozone, Flame, Grease, Oil, Water, Acid, Diesel, and Gas
- National Electrical Code article 630 electric welders
- Copper meets SAE standards
- Sequential marked
- Made in the USA
- Rated for 600V

### CONSTRUCTION:

#### CONDUCTORS

Premium flexible 36 gauge bare copper

#### INSULATION

New TPE jacket

#### TEMPERATURE RANGE

-50°C-105°C

#### STOCK SIZES

Available in 250 and 500 ft reels

#### PACKAGING

Coiled, boxed, and shrink wrap

#### COLORS

Orange with black stripe





## CONSTRUCTION

| GAUGE | STRANDING | O.D  | AVG. WALL | WEIGHT/1,000 ft. |
|-------|-----------|------|-----------|------------------|
| #2    | 1666/34   | .447 | .060      | 242 lbs.         |
| #1    | 2107/34   | .529 | .060      | 317 lbs.         |
| 1/0   | 2646/34   | .568 | .060      | 378 lbs.         |
| 2/0   | 3325/34   | .612 | .060      | 467 lbs.         |

## SUGGESTED AMPACITY FOR WELDING CABLE DISTANCE MEASURED IN FEET\*

|     | 50' | 75'    | 100'   | 125'   | 150'   | 175'   | 200'   | 225'   | 250'   | 275'   | 300'   | 325'   | 350'   |
|-----|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 100 | #4  | #2     | #2     | #1     | #1     | 1/0    | 2/0    | 2/0    | 3/0    | 3/0    | 3/0    | 4/0    | 4/0    |
| 150 | #2  | #2     | #1     | 1/0    | 2/0    | 3/0    | 3/0    | 4/0    | 4/0    | 250mcm | 250mcm | 250mcm | 350mcm |
| 200 | #2  | #1     | 2/0    | 3/0    | 3/0    | 4/0    | 4/0    | 250mcm | 350mcm | 350mcm | 350mcm | 350mcm |        |
| 250 | #1  | 1/0    | 3/0    | 4/0    | 4/0    | 250mcm | 350mcm | 350mcm | 350mcm |        |        |        |        |
| 300 | #1  | 2/0    | 3/0    | 4/0    | 250mcm | 350mcm | 350mcm | 350mcm |        |        |        |        |        |
| 350 | 1/0 | 3/0    | 4/0    | 250mcm | 350mcm | 350mcm |        |        |        |        |        |        |        |
| 400 | 2/0 | 3/0    | 250mcm | 350mcm | 350mcm |        |        |        |        |        |        |        |        |
| 450 | 2/0 | 4/0    | 250mcm | 350mcm | 350mcm |        |        |        |        |        |        |        |        |
| 500 | 3/0 | 4/0    | 350mcm | 350mcm |        |        |        |        |        |        |        |        |        |
| 550 | 4/0 | 250mcm | 350mcm |        |        |        |        |        |        |        |        |        |        |
| 600 | 4/0 | 250mcm | 350mcm |        |        |        |        |        |        |        |        |        |        |

This table is for reference only. There are variables in welding applications, therefore it is recommended the user consult an electrical engineer for a particular welding application.

\*Distance from power source (per lead).

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