



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
- National Electrical Code article 630 electric welders
- Rugged jacket and highly flexible
- Resists Abrasion, Cut, Tear, Ozone, Flame, Grease, Oil, Water, Acid, Diesel, and Gas
- Halogen free and Ozone resistant
- Sequentially marked
- Custom indent available
- Made in the USA



CONSTRUCTION:

CONDUCTORS

Highly flexible 36 gauge copper

INSULATION

Rugged Proprietary EPDM jacket with black stripe and paper separator

TEMPERATURE RANGE

-50°C to +105°C (-58°F to +221°F) Rated to 600 Volts

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	2548/36	.428	.060	238 lbs.
#1	3136/36	.498	.080	306 lbs.
1/0	3969/36	.533	.080	372 lbs.
2/0	4949/36	.588	.080	462 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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