



Flexaprene® Welding Cable

Flex-A-Prene® the most recognized brand in welding cable is designed for all welding applications where a stinger/whip, leads, groups are used. Suitable for use in battery applications such as battery chargers and wire harness.

- Meets SAE J1127
- Resists abrasion, cut, tear, flame, grease, oil and water
- National Electrical Code article 630 electric welders
- Rated for 600V
- RoHS Compliant
- Sequentially marked
- VW-1 Flame test as per UL2556
- Suitable for battery cable per UL558 & UL583
- Made in the USA



CONSTRUCTION:

CONDUCTORS

Highly flexible Class K 30 gauge copper

INSULATION

EDPM jacket and paper separator

TEMP RANGE

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

Stock Sizes

Available in 250, 500 and 1,000' reels
Cut to 25, 50 and 100' coils

Packaging

Coiled, boxed, and shrink wrapped

COLORS

Black, red, green, yellow, blue. Custom colors available upon request



Custom extruded striping, indent or surface and logo printing available



Available in DirectConnect Assemblies



Eligible for Copper Credit recycling Program

GAUGE	STRANDING	O.D.	AVG. WALL	WEIGHT/1000 ft.
#8	168/30	.293	.060	81
#6	260/30	.308	.060	109
#4	364/30	.343	.060	145
#2	624/30	.418	.060	235
#1	767/30	.488	.080	301
1/0	975/30	.533	.080	372
2/0	1,196/30	.568	.080	446
3/0	1,547/30	.618	.080	565
4/0	1,950/30	.688	.080	700
250 MCM	2,527/30	.810	.095	925
350 MCM	3,478/30	.932	.095	1,296

SUGGESTED AMPACITY FOR WELDING CABLE DISTANCE MEASURED IN FEET*

AMPS	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)



412 OAK STREET
DENVER, PA 17517

(800) 233-3848

www.directwireusa.com