

Flex-A-Prene® **Welding Cable**

Flex-A-Prene® the most recognized brand of welding cable is designed for all welding applications. Suitable for use in battery applications such as wire harness and power supply.

- Meets SAE J1127
- National Electrical Code article 630 electric welders
- Rated for 600 V
- RoHS Compliant
- VW-1 flame test as per UL2556
- · Suitable for battery cable as per UL558 & UL583



CONSTRUCTION:



Class K 30 gauge bare copper



EDPM jacket and paper separator



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



Available in 250, 500 and 2,500' reels

















-500C +1050C & MADE IN USA & ROHS & SAE J1127





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 IN-LINEAMPACITY 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)

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