

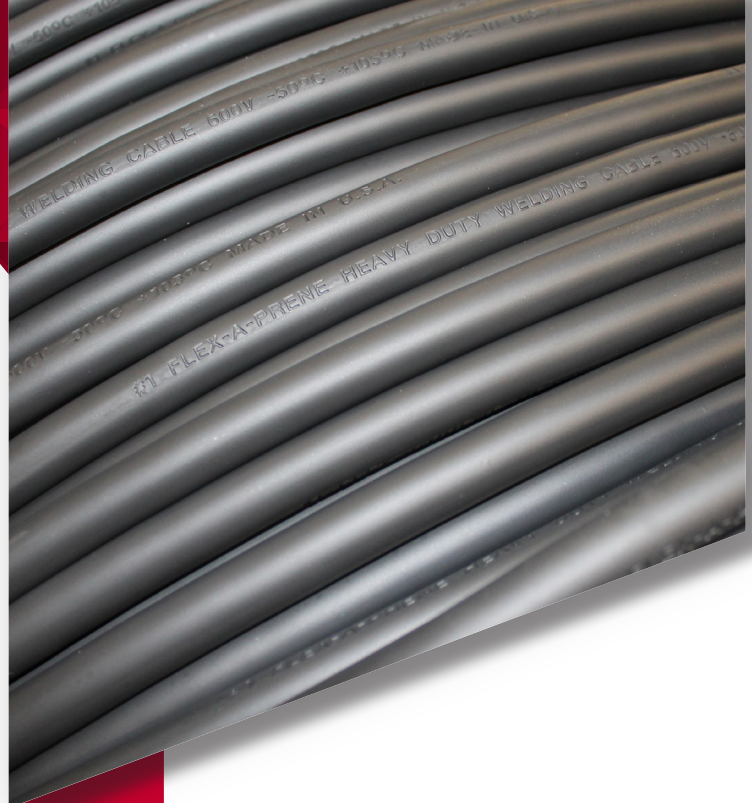
DIRECTTM

MANUFACTURING

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:

CONDUCTORS

Class K 30 gauge bare 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 2,500' reels



Resists
Abrasion



Resists
Cut/Tear



Resists
Flame



Resists
Grease



Resists
Oil



Resists
Water



Made in
U.S.A.

-50°C +105°C ☆ MADE IN USA ☆ RoHS ☆ SAE J1127

CABLE OPTIONS



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-LINE 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	250 _{mcm}	250 _{mcm}	250 _{mcm}	350 _{mcm}
200	#2	#1	2/0	3/0	3/0	4/0	4/0	250 _{mcm}	350 _{mcm}	350 _{mcm}	350 _{mcm}	350 _{mcm}	
250	#1	1/0	3/0	4/0	4/0	250 _{mcm}	350 _{mcm}	350 _{mcm}	350 _{mcm}				
300	#1	2/0	3/0	4/0	250 _{mcm}	350 _{mcm}	350 _{mcm}	350 _{mcm}					
350	1/0	3/0	4/0	250 _{mcm}	350 _{mcm}	350 _{mcm}							
400	2/0	3/0	250 _{mcm}	350 _{mcm}	350 _{mcm}								
450	2/0	4/0	250 _{mcm}	350 _{mcm}	350 _{mcm}								
500	3/0	4/0	350 _{mcm}	350 _{mcm}									
550	4/0	250 _{mcm}	350 _{mcm}										
600	4/0	250 _{mcm}	350 _{mcm}										

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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