

# **DIRECT**

WIRE & CABLE

## **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



SAE 600V -50°C +105°C ☆ MADE IN USA ☆ RoHS ☆ SAE J1127



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

