

### BULK CABLE



- Meets SAE J1127.
- Rugged jacket and highly flexible.
- Resists Abrasion, Cut, Tear, Flame, Grease, Oil and Water.
- National Electrical Code article 630 electric welders.
- RoHS Compliant.
- Available Colors include: Black, Blue, Green, Red, and Yellow.
- Sequentially marked.
- Made in the USA.

### CONSTRUCTION:

Highly flexible annealed 30 gauge bare copper conductor, insulated with an EPDM jacket and paper separator. Operating temperatures range from -50°C to +105°C (-58°F to +221°F). Rated to 600 volts. Available in black, blue, green, red and yellow jacket colors. Also available on 250, 500, and 1,000 ft. reels. Coiled, boxed and shrink wrap packaging available for 25, 50 or 100 ft. lengths. Custom lengths also available upon request. **Custom indent or standard printing available. Inquire about custom colors.**

### APPLICATION:

Flex-A-Prene welding cable is designed for all welding applications where a stinger/whip, leads and grounds are used.

GAUGE	STRANDING	O.D	AVG. WALL	WEIGHT/1,000 ft.
#8	168/30	.293	.060	81 lbs.
#6	260/30	.318	.060	112 lbs.
#4	364/30	.358	.060	149 lbs.
#2	624/30	.422	.060	236 lbs.
#1	767/30	.503	.080	306 lbs.
1/0	975/30	.538	.080	371 lbs.
2/0	1,196/30	.591	.080	450 lbs.
3/0	1,547/30	.630	.080	567 lbs.
4/0	1,950/30	.718	.080	708 lbs.

### 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				
200	#2	#1	2/0	3/0	3/0	4/0	4/0						
250	#1	1/0	3/0	4/0	4/0								
300	#1	2/0	3/0	4/0									
350	1/0	3/0	4/0										
400	2/0	3/0											
450	2/0	4/0											
500	3/0	4/0											
550	4/0												
600	4/0												

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).



### DIRECT WIRE & CABLE INC.

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Warehouse Locations – Chicago IL, Houston TX, Portland OR, Reno NV

Specifications contained herein reflect current data and are subject to change.  
Values are nominal and or approximate.

Made in USA  
www.directwireusa.com