



Specification Sheet

FLEX-A-PRENE

FLEX-A-PRENE is an American made, EPDM jacketed flexible cable. **Class K**

Conductor (common to all gauges):

Maximum voltage: 600 volts
 Stranding: Bunch stranding
 Conductor temperature: +105C to -50C & +221F to -58F
 Separator: Paper
 Copper: Fully annealed soft-drawn copper
 Meets or exceeds ASTM-B-172

EPDM (Ethylene Propylene Diene Monomer) Jacket:

Oil Resistant Flame Resistant Abrasive Resistant Water Resistant
 Tear Resistant Grease Resistant Cut Resistant

GAUGE	STRANDING	O.D.	AVG.WALL	WEIGHT/1,000 ft.	RESISTANCE Ohms/1,000 ft.
#8	168/.010	.360	.095	75 lbs.	.660
#6	259/.010	.320	.060	128 lbs.	.406
#4	364/.010	.348	.060	162 lbs.	.287
#2	624/.010	.420	.060	260 lbs.	.167
#1	780/.010	.503	.080	328 lbs.	.137
1/0	988/.010	.533	.080	400 lbs.	.110
2/0	1235/.010	.586	.080	490 lbs.	.086
3/0	1539/.010	.625	.080	596 lbs.	.070
4/0	2014/.010	.720	.080	800 lbs.	.055

Print: Varies, sequentially numbered with wire gauge

Stock Colors: #4-2/0 Black, Red, Yellow, Blue, and Green

#8, #6, 3/0, 4/0 Black and Red, #3 Black

Packaging: Reels: 250 ft. (76.2 m), 500 ft. (12.4 m), 1000 ft. (304.8 m); Cut & box: 25 ft., 50 ft., 100 ft.

SUGGESTED AMPACITY FOR WELDING CABLE

GAUGE

	50 ft.	75 ft.	100 ft.	125 ft.	150 ft.	175 ft.	200 ft.	225 ft.	250 ft.	300 ft.	350 ft.
#4	100	100									
#3	150										
#2	200	150	100	100							
#1	250/ 300	200	150		100						
1/0	350	250	200	150		100	100				
2/0	400/ 450	300	250	200	150						
3/0	500	350/400	300	250	200	150	150			100	
4/0	550/ 600	450/500	350/ 400	300	250	200	200	150	150		100