

# **Cord Products for Heavy Industry**

**CAROL  
BRAND**



**Cables for Heavy Industry, Mining,  
Petrochemical and Extreme Applications**

 **General Cable**

# Super Vu-Tron® III Types SJOOW/SOOW

105°C 300 and 600 Volt UL/CSA Portable Cord



## Applications

- Machine and power tools
- Dockside power applications
- Motor leads
- Portable machinery
- Cranes
- Submersible pumps

## Features

- Excellent flexibility in cold temperatures
- Lasts longer in flex applications
- Integral Flexfill®
- Ozone- and weather-resistant
- UL Listed and CSA Certified for indoor and outdoor use
- Water-resistant
- Safety-colored
- High heat and flame resistance
- Resistant to oils, acids and chemicals
- Excellent abrasion and cut resistance

Catalog Number	No. of Cond.	AWG Size	Cond. Strand	Nom. Ins. Thickness inches	mm	Nominal O.D. inches	mm	Current Amps <sup>†</sup>	Net Weight lbs/M <sup>†</sup>
<b>Type SJOOW-300 Volt-UL/CSA</b>									
02005	3	16	65/34	0.030	0.76	0.335	8.51	13	80
02006	4	16	65/34	0.030	0.76	0.370	9.40	10	95
02008	3	14	41/30	0.030	0.76	0.375	9.53	18	110
02009	4	14	41/30	0.030	0.76	0.405	10.29	15	130
<b>Type SOOW-600 Volt-UL/CSA</b>									
02038	3	14	41/30	0.045	1.14	0.525	13.34	18	165
02039	4	14	41/30	0.045	1.14	0.575	14.61	15	215
02042	3	12	65/30	0.045	1.14	0.600	15.24	25	250
02043	4	12	65/30	0.045	1.14	0.650	16.51	20	280
02045	3	10	104/30	0.045	1.14	0.660	16.76	30	320
02046	4	10	104/30	0.045	1.14	0.710	18.03	25	375

<sup>†</sup>Green conductor for grounding only.



# Carolprene® Jacketed Type SOOW

90°C 600 Volt UL/CSA Portable Cord

## Applications

- Portable tools and equipment
- Portable appliances
- Small motors and associated machinery

## Features

- Excellent resistance to oil and moisture
- Good tensile strength, elongation and aging characteristics
- High flexibility
- Excellent abrasion resistance
- Water-resistant
- UL Listed and CSA certified for indoor and outdoor use



Catalog Number	No. of Cond.	AWG Size	Cond. Strand	Nom. Ins. Thickness inches	mm	Nominal O.D. inches	mm	Current Amps <sup>†</sup>	Net Weight lbs/M <sup>†</sup>
<b>Type SOOW-600 Volt-UL/CSA</b>									
02762	3	14	41/30	0.045	1.14	0.535	13.59	18	170
02725	3	12	65/30	0.045	1.14	0.595	15.11	25	225
02726	4	12	65/30	0.045	1.14	0.650	16.51	20	270
02728	3	10	104/30	0.045	1.14	0.660	16.76	30	290
02727	4	10	104/30	0.045	1.14	0.715	18.16	25	355
16063	3	8	133/29	0.060	1.52	0.855	21.72	40	485
16064	4	8	133/29	0.060	1.52	0.980	24.89	35	670
16073	3	6	133/27	0.060	1.52	0.980	24.89	55	700
16074	4	6	133/27	0.060	1.52	1.080	27.43	45	875
16083	3	4	133/25	0.060	1.52	1.140	28.96	70	920
16084	4	4	133/25	0.060	1.52	1.260	32.00	60	1150
16093	3	2	133/23	0.060	1.52	1.330	33.78	95	1355
16094	4	2	133/23	0.060	1.52	1.460	37.08	80	1690

<sup>†</sup>Green conductor for grounding only.



# Carolprene® Jacketed Type SOOW<sup>(1)</sup>

## 90°C 600 Volt Portable Cord

### Applications

- Portable tools and equipment
- Temporary and portable power
- Motors and associated machinery

### Features

- Excellent resistance to oil and moisture
- Good tensile strength, elongation and aging characteristics
- High flexibility
- Excellent abrasion resistance



Catalog Number	No. of Cond.	AWG Size	Cond. Strand	Nom. Ins. Thickness inches	mm	Nominal O.D. inches	mm	Current Amps	Net Weight lbs/M'
<b>Type SOOW-600 Volt</b>									
01812	3	8	65/26	0.050	1.27	0.720	18.29	40	365
01827	4	8	65/26	0.050	1.27	0.780	19.31	35	500
01825	3	6	101/26	0.050	1.27	0.800	20.32	55	515
01824	4	6	101/26	0.050	1.27	0.845	21.46	45	620
01822	3	4	119/25	0.050	1.27	0.940	23.88	70	670
01821	4	4	119/25	0.050	1.27	1.010	25.65	60	835
01819	3	2	133/0211	0.055	1.40	1.090	27.69	95	1030
01818	4	2	133/0211	0.055	1.40	1.170	29.72	80	1285

<sup>(1)</sup>Not UL or CSA, but manufactured to acceptable commercial standards



# Super Vu-Tron® Multi-Conductor Type W Round

## 90°C (UL) Type W 2000 Volt Portable Power Cable

### Applications

- Heavy-duty service as power supply cable
- AC systems (grounded and ungrounded)
- Mobile and portable electrical equipment
- Motor and battery leads

### Features

- Withstands severe environmental conditions
- Indent-printed for easy identification
- Withstands exposure to oil, acid, alkalis, heat, moisture and most chemicals
- Rope lay stranding for maximum flex life
- Excellent impact resistance
- Cable core bound for superior flexibility and toughness



Catalog Number	No. of Cond.	AWG Size	Cond. Strand	Nom. Ins. Thickness inches	mm	Nominal O.D. inches	mm	Current Amps <sup>(1)</sup>	Net Weight lbs/M'
<b>3 Conductor-Type W-2000 Volt</b>									
81623	3	6	259	0.060	1.52	0.995	25.27	99	660
81643	3	4	259	0.060	1.52	1.125	28.58	130	900
<b>4 Conductor-Type W-2000 Volt</b>									
81314	4	8	133	0.060	1.52	0.985	25.02	65	620
81624	4	6	259	0.060	1.52	1.090	27.69	87	825
81644	4	4	259	0.060	1.52	1.220	30.99	114	1175
<b>5 Conductor-Type W-2000 Volt</b>									
81625	5	6	259	0.060	1.52	1.205	30.61	69	1010

<sup>(1)</sup> Ampacities based on conductor temperature of 90°C and an ambient air temperature of 30°C, per the NEC Table 400.5(B)



# Super Vu-Tron® Type G & Type G-GC Round

## 90°C 2000 Volt Portable Power Cable

### Applications

- Heavy-duty service as power supply cable
- Mobile and portable electrical equipment

### Features

- Excellent impact and abrasion resistance
- Withstands exposure to oil, heat, moisture and most chemicals
- Indent-printed for easy identification
- Maximum flex life
- Superior flexibility and toughness

Catalog Number	No. of Cond.	AWG Size	Cond. Strand	Ground Check AWG Size	Ground Cond. AWG Size	Nom. Ins. Thickness		Nominal O.D.		Current Amps <sup>(1)</sup>	Net Weight lbs/M'
						inches	mm	inches	mm		
<b>3 Conductor–Type G-GC–2000 Volt</b>											
82623	3	6	259	10	2#10	0.060	1.52	1.050	26.67	87	830
82643	3	4	259	10	2#8	0.060	1.52	1.105	28.07	114	1045
82663	3	2	259	10	2#7	0.080	2.03	1.300	33.02	152	1485
82373	3	1	259	8	2#6	0.080	2.03	1.465	37.21	177	2100
82383	3	1/0	259	8	2#5	0.080	2.03	1.605	40.77	205	2550
82393	3	2/0	259	8	2#4	0.080	2.03	1.750	44.45	237	3020
<b>4 Conductor–Type G–600/2000 Volt</b>											
82624	4	6	259	N/A	4#12	0.060	1.52	1.125	28.58	70	900
82644	4	4	259	N/A	4#10	0.060	1.52	1.210	30.73	91	1280
82664	4	2	259	N/A	4#9	0.080	2.03	1.435	36.45	122	2000

<sup>(1)</sup>Ampacities based on conductor temperature of 90°C and an ambient air temperature of 30°C per NEC Table 400.5(B)



# Carolprene® Welding Cable

## 90°C 600 Volt

### Applications

- Secondary voltage resistance welding leads
- Power supply applications not exceeding 600 Volt AC

### Features

- Good flexibility
- Abrasion-resistant

Catalog Number	AWG Size	Cond. Strand	Nom. O.D.		Net Weight lbs/M'
			inches	mm	
<b>Welding Cable–600 Volt–30 AWG Stranding</b>					
01775	1	778/30	0.500	12.70	320
01774	1/0	990/30	0.565	14.35	405
01773	2/0	1248/30	0.620	15.75	485
01772	3/0	1586/30	0.675	17.14	620
01771	4/0	2054/30	0.750	19.05	790
99142	250 MCM	2496/30	0.830	21.08	965
99432	350 MCM	3432/30	0.960	24.38	1310
99202	500 MCM	5054/30	1.200	30.48	1960

NOTE: May not be suitable for installations per National Electric Code



# Super Vu-tron® Diesel Locomotive Cable<sup>(1)</sup>

90°C 2000 Volt DLO. UL RHH/RHW 600 Volt CSA R90 1000 Volt

## Applications

- Diesel electric locomotive
- Oil and gas drilling rigs
- Mining and earth moving equipment
- Shipyards
- Motor leads

## Features

- 90°C temperature rating
- Excellent impact and abrasion resistance
- Resists oils, acids, alkalies, heat and flame
- Flexible tinned copper stranding
- FT4 upon request



Catalog Number	AWG Size	Cond. Strand	Nom. Ins. Thickness inches	mm	Nominal O.D. inches	mm	Current Amps <sup>(2)</sup>	Net Weight lbs/M'
<b>DLO-2000 Volt-EP/CPE</b>								
81911	1/0	280/24	0.080	2.03	0.69	17.53	260	515
81920	2/0	329/24	0.080	2.03	0.73	18.54	300	580
81930	3/0	456/24	0.080	2.03	0.81	20.57	350	770
81940	4/0	551/24	0.080	2.03	0.87	22.10	405	930
81931	313.3	777/24	0.095	2.41	1.06	26.92	522	1295
81937	373.7	925/24	0.095	2.41	1.10	27.94	591	1545
81944	444.4	1110/24	0.095	2.41	1.23	31.24	652	1820
81953	535.3	1332/24	0.120	3.05	1.34	34.04	728	2195
81964	646.4	1600/24	0.120	3.05	1.45	36.83	815	2560

<sup>(1)</sup>All products printed P-7K-123040 MSHA to indicate accepted for listing by MSHA.

<sup>(2)</sup>Based on single conductor in free air, in accordance with NEC Table 310-17.

# Super Vu-tron® Single Conductor Type W Extra-Flex

90°C 2000 Volt UL Listed

## Applications

- Portable power systems
- Entertainment industry activities such as theatre, television, night clubs, motion pictures, mobile communication vans, spotlights and sound systems
- Other similar applications that would require temporary power

## Features

- Water-resistant
- Sunlight-resistant
- Designed to withstand severe environmental conditions
- Withstands exposure to oil, acids, alkalies, heat, flame, moisture and chemicals
- Meets or exceeds flame test requirements of MSHA and UL

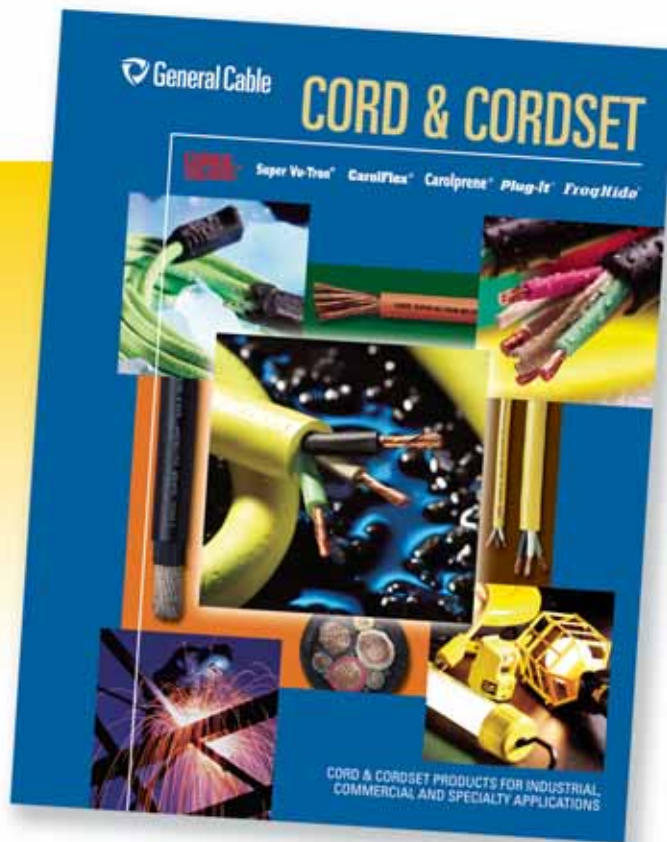
Catalog Number	AWG Size	Nominal Strand	Nominal O.D. inches	mm	Current Amps <sup>(1)</sup>	Net Weight lbs/M'
<b>Type W-2000 Volt-UL</b>						
80641	2	625/30	0.650	16.51	190	380
80651	1	778/30	0.730	18.54	220	480
80671	2/0	1248/30	0.825	20.96	300	655
80691	4/0	2056/30	0.980	24.89	405	990

<sup>(1)</sup>TABLE 400-5(B) NEC



## The Carol® Brand Cord & Cordset Catalog

Please refer to the cord and cordset catalog for complete specification, application and technical data. This catalog also contains the full range of Carol® Brand products.



4 Tesseneer Drive • Highland Heights, Kentucky 41076-9753  
Telephone 1-800-243-8020 • Fax 1-859-572-9262  
Website: [www.generalcable.com](http://www.generalcable.com)

All information in this catalog is presented solely as a guide to product selection and is believed to be reliable. All printing errors are subject to correction in subsequent releases of this catalog. Although General Cable has taken precautions to ensure the accuracy of the product specifications at the time of publication, the specifications of all products contained herein are subject to change without notice.

® GENERAL CABLE, CAROL, CAROLPRENE, FLEXFILL and SUPER VU-TRON are trademarks of General Cable Technologies Corporation.

© 2005. General Cable Technologies Corporation.  
Highland Heights, KY 41076  
All right reserved.

Form No. CAR-0030-R0805