

# Carolprene® Jacketed Type SOOW

90°C 600 Volt UL/CSA Portable Cord

**Product Construction:**

**Conductors:**

- 18 through 2 AWG fully annealed stranded bare copper per ASTM B-174

**Insulation:**

- Premium-grade, color-coded 90°C EPDM
- Color code: See chart below

**Jacket:**

- Carolprene®, black
- Temperature range: -40°C to +90°C

**Jacket Marking:**

- CAROL (SIZE) (mm<sup>2</sup>) 90°C (UL) WATER RESISTANT SOOW CSA (-40°C) FT-2 P-7K-123033 MSHA 600 VOLT RoHS MADE IN USA

**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
- Sunlight-resistant

**Industry Approvals:**

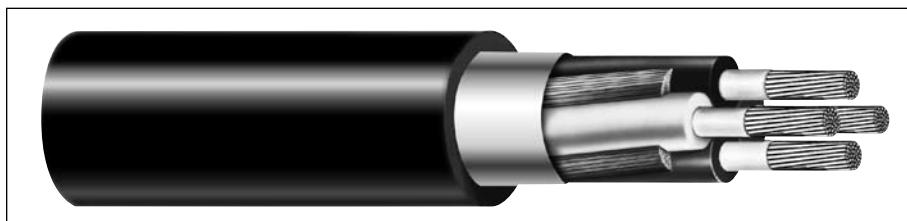
- UL Flexible Cord - Subject 62
- CSA Flexible Cord - C22.2-49
- MSHA Approved
- RoHS Compliant

**Packaging:**

- 250' (76.2 m), 500' (152.4 m), 1000' (304.8 m)
- Other put-ups available on special order

**COLOR CODE CHART**

NO. OF CONDUCTORS	COLOR
2	Black, White
3	Black, White, Green
4	Black, White, Red, Green
5	Black, White, Red, Orange, Green



**TYPE SOOW – 600 VOLT – UL/CSA**

CATALOG NUMBER	NO. OF COND.	COND. SIZE (AWG)	COND. STRAND	NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS†	APPROX. NET WT. LBS/M <sup>(S)</sup>	STD. CTN.
				INCHES	mm	INCHES	mm			
02763	2	18	16/30	0.030	0.76	0.345	8.76	10	72	250'
02769	3	18	16/30	0.030	0.76	0.365	9.27	10	84	250'
02770	4	18	16/30	0.030	0.76	0.390	9.91	7	101	250'
02722	2	16	26/30	0.030	0.76	0.370	9.40	13	83	250'
02765	3	16	26/30	0.030	0.76	0.390	9.91	13	103	250'
02766	4	16	26/30	0.030	0.76	0.420	10.67	10	119	250'
02723	2	14	41/30	0.045	1.14	0.510	12.95	18	158	250'
02762	3	14	41/30	0.045	1.14	0.535	13.59	18	172	250'
02768	4	14	41/30	0.045	1.14	0.575	14.61	15	208	250'
02724	2	12	65/30	0.045	1.14	0.570	14.48	25	195	250'
02725	3	12	65/30	0.045	1.14	0.595	15.11	25	229	250'
02726	4	12	65/30	0.045	1.14	0.650	16.51	20	280	250'
02767	2	10	104/30	0.045	1.14	0.620	15.75	30	235	250'
02728	3	10	104/30	0.045	1.14	0.660	16.76	30	295	250'
02727	4	10	104/30	0.045	1.14	0.715	18.16	25	353	250'
16063	3	8	133/29	0.060	1.52	0.845	21.46	40	525	250'
16064	4	8	133/29	0.060	1.52	0.960	24.38	35	676	250'
16065	5	8	133/29	0.060	1.52	1.075	27.31	28	795	250'
16073	3	6	133/27	0.060	1.52	0.980	24.89	55	703	250'
16074	4	6	133/27	0.060	1.52	1.080	27.43	45	891	250'
16075	5	6	133/27	0.060	1.52	1.200	30.48	36	1123	250'
16083	3	4	133/25	0.060	1.52	1.140	28.96	70	1022	250'
16084	4	4	133/25	0.060	1.52	1.260	32.00	60	1336	250'
16085	5	4	133/25	0.060	1.52	1.365	34.67	48	1587	250'
16093	3	2	133/23	0.060	1.52	1.330	33.78	95	1484	250'
16094	4	2	133/23	0.060	1.52	1.460	37.08	80	1869	250'
16095*	5	2	133/23	0.060	1.52	1.580	40.13	64	2240	250'

Cord furnished with UL and CSA labels.

\* Non-stock item; minimum quantity purchase required.

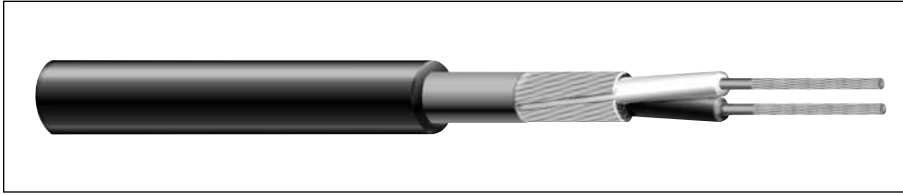
† Green conductor for grounding only. Ampacities based on NEC table 400.5(A).

® Actual shipping weight may vary.



# Carolprene® Jacketed Type SJOOW

## 90°C 300 Volt UL/CSA Portable Cord



TYPE SJOOW – 300 VOLT – UL/CSA

CATALOG NUMBER	NO. OF COND.	COND. SIZE (AWG)	COND. STRAND	NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS†	APPROX. NET WT. LBS/M <sup>(S)</sup>	STD. CTN.
				INCHES	mm	INCHES	mm			
01310	2	18	16/30	0.030	0.76	0.285	7.24	10	51	1000'
01311	3	18	16/30	0.030	0.76	0.305	7.75	10	63	1000'
01344	4	18	16/30	0.030	0.76	0.330	8.38	7	76	250'
01312	2	16	26/30	0.030	0.76	0.310	7.87	13	60	1000'
01342	3	16	26/30	0.030	0.76	0.330	8.38	13	76	250'
01343	4	16	26/30	0.030	0.76	0.365	9.27	10	95	250'
01358	2	14	41/30	0.030	0.76	0.340	8.64	18	79	250'
01360	3	14	41/30	0.030	0.76	0.370	9.40	18	106	250'
01364	4	14	41/30	0.030	0.76	0.410	10.41	15	121	250'
01379	2	12	65/30	0.030	0.76	0.410	10.41	25	117	250'
01380	3	12	65/30	0.030	0.76	0.430	10.92	25	146	250'
01381	4	12	65/30	0.030	0.76	0.475	12.07	20	185	250'
01382*	2	10	104/30	0.045	1.14	0.560	14.22	30	210	250'
01383	3	10	104/30	0.045	1.14	0.580	14.73	30	242	250'
01384	4	10	104/30	0.045	1.14	0.655	16.64	25	304	250'

Cord furnished with UL and CSA labels.

\* Non-stock item; minimum quantity purchase required.

† Green conductor for grounding only. Ampacities based on NEC table 400.5(A).

® Actual shipping weight may vary.

### Product Construction:

#### Conductors:

- 18 through 10 AWG fully annealed stranded bare copper per ASTM B-174

#### Insulation:

- Premium-grade, color-coded 90°C EPDM
- Color code: See chart below

#### Jacket:

- Carolprene®, black
- Temperature range: -40°C to +90°C

#### Jacket Marking:

- CAROL (SIZE) (mm<sup>2</sup>) 90°C (UL) WATER RESISTANT SJOOW CSA (-40°C) FT-2 P-7K-123033 MSHA 300 VOLT RoHS MADE IN USA

### 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
- Sunlight-resistant

### Industry Approvals:

- UL Flexible Cord - UL Subject 62
- CSA Flexible Cord - C22.2-49
- MSHA Approved
- RoHS Compliant

### Packaging:

- 250' (76.2 m), 500' (152.4 m), 1000' (304.8 m)
- Other put-ups available on special order

### COLOR CODE CHART

NO. OF CONDUCTORS	COLOR
2	Black, White
3	Black, White, Green
4	Black, White, Red, Green

# Super Vu-Tron® Multi-Conductor Type SOOW

90°C 600 Volt UL/CSA Portable Cord

**Product Construction:**

**Conductors:**

- 14 through 10 AWG fully annealed stranded bare copper per ASTM B-174

**Insulation:**

- Premium-grade, color-coded 90°C EPDM
- Color code: See chart below

**Jacket:**

- Super Vu-Tron® 90°C, black
- Temperature range: -40°C to +90°C

**Jacket Marking:**

- CAROL SUPER VU-TRON (SIZE) (mm<sup>2</sup>) 90°C (UL) WATER RESISTANT SOOW CSA (-40°C) FT-2 P-7K-123033 MSHA 600 VOLT RoHS MADE IN USA

**Applications:**

- Control circuits
- Tools
- Heavy industrial, processing and construction equipment

**Features:**

- Extra-flexible stranding
- Abrasion-resistant
- Resists oils and solvents
- Flame-resistant
- Ozone-resistant
- 90°C rated conductors and jacket
- Water-resistant
- UL Listed and CSA Certified for indoor and outdoor use
- Sunlight-resistant

**Industry Approvals:**

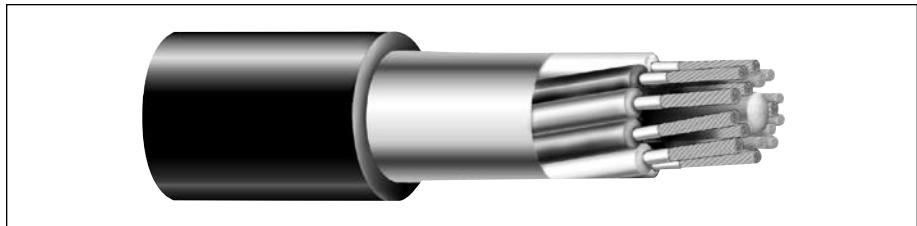
- UL Flexible Cord - UL Subject 62
- CSA Flexible Cord - C22.2-49
- MSHA Approved
- RoHS Compliant

**Packaging:**

- 5- through 8-conductor available on 250' (76.2 m), 500' (152.4 m), and 1000' (304.8 m) reels
- 9+ cond. available on long-length reels
- Other put-ups available on special order

**COLOR CODE CHART**

NO. OF COND.	COLOR	TRACER	NO. OF COND.	COLOR	TRACER
1	Black	—	12	Black	White
2	White	—	13	Red	White
3	Red	—	14	Green	White
4	Green	—	15	Blue	White
5	Orange	—	16	Black	Red
6	Blue	—	17	White	Red
7	White	Black	18	Orange	Red
8	Red	Black	19	Blue	Red
9	Green	Black	20	Red	Green
10	Orange	Black	21	Orange	Green
11	Blue	Black	Note: Colors repeat after 21 conductors.		



**TYPE SOOW – 600 VOLT – UL/CSA**

CATALOG NUMBER	NO. OF COND.	COND. SIZE (AWG)	COND. STRAND	NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS†	APPROX. NET WT. LBS/M <sup>(S)</sup>
				INCHES	mm	INCHES	mm		
09405	5	14	41/30	0.045	1.14	0.645	16.38	12.0	269
09406	6	14	41/30	0.045	1.14	0.710	18.03	12.0	317
09407	7	14	41/30	0.045	1.14	0.710	18.03	12.0	347
09408	8	14	41/30	0.045	1.14	0.760	19.30	10.5	430
09409*	9	14	41/30	0.045	1.14	0.830	21.08	10.5	417
09410	10	14	41/30	0.045	1.14	0.820	20.83	10.5	427
09412	12	14	41/30	0.045	1.14	0.855	21.72	7.5	493
09414	14	14	41/30	0.045	1.14	1.000	25.40	7.5	601
09416	16	14	41/30	0.045	1.14	1.030	26.16	7.5	678
09418*	18	14	41/30	0.045	1.14	1.100	27.94	7.5	720
09420	20	14	41/30	0.045	1.14	1.120	28.45	7.5	806
09424	24	14	41/30	0.045	1.14	1.260	32.00	6.7	1003
09428*	28	14	41/30	0.045	1.14	1.330	33.78	6.7	1080
09430*	30	14	41/30	0.045	1.14	1.335	33.91	6.0	1153
09205	5	12	65/30	0.045	1.14	0.715	18.16	16.0	333
09206	6	12	65/30	0.045	1.14	0.740	18.80	16.0	412
09207	7	12	65/30	0.045	1.14	0.790	20.07	16.0	465
09208	8	12	65/30	0.045	1.14	0.825	20.96	14.0	526
09209	9	12	65/30	0.045	1.14	0.900	22.86	14.0	517
09210	10	12	65/30	0.045	1.14	1.000	25.40	14.0	649
09212	12	12	65/30	0.045	1.14	1.010	25.65	10.0	669
09214	14	12	65/30	0.045	1.14	1.020	25.91	10.0	731
09216	16	12	65/30	0.045	1.14	1.135	28.83	10.0	933
09218*	18	12	65/30	0.045	1.14	1.175	29.85	10.0	920
09220	20	12	65/30	0.045	1.14	1.170	29.72	10.0	989
09224	24	12	65/30	0.045	1.14	1.435	36.45	9.0	1273
09226	26	12	65/30	0.045	1.14	1.380	35.05	9.0	1324
09227*	27	12	65/30	0.045	1.14	1.455	37.72	9.0	1325
09228*	28	12	65/30	0.045	1.14	1.500	38.10	9.0	1355
09230	30	12	65/30	0.045	1.14	1.455	36.96	9.0	1492
09005	5	10	104/30	0.045	1.14	0.770	19.56	20.0	472
09006	6	10	104/30	0.045	1.14	0.875	22.23	20.0	565
09007	7	10	104/30	0.045	1.14	0.900	22.86	20.0	552
09008*	8	10	104/30	0.045	1.14	0.935	23.75	17.5	682
09010	10	10	104/30	0.045	1.14	1.020	25.91	17.5	758
09012	12	10	104/30	0.045	1.14	1.070	27.18	12.5	871
09016*	16	10	104/30	0.045	1.14	1.230	31.24	12.5	1147
09020*	20	10	104/30	0.045	1.14	1.325	33.66	12.5	1445

† Values shown are for current-carrying conductors. A grounding conductor, or one which carries only the unbalance current from other conductors, is NOT counted in determining current carrying capacity. Ampacities based on NEC table 400.5(A).

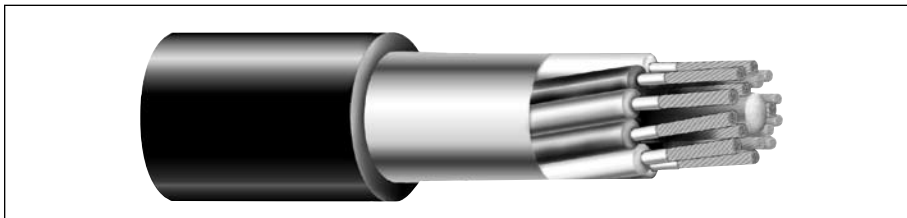
\* Non-stock item; minimum quantity purchase required.

® Actual shipping weight may vary.



# Super Vu-Tron® Multi-Conductor Type S00W

90°C 600 Volt UL/CSA Portable Cord



TYPE S00W - 600 VOLT - UL/CSA

CATALOG NUMBER	NO. OF COND.	COND. SIZE (AWG)	COND. STRAND	NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS†	APPROX. NET WT. LBS/M <sup>(S)</sup>
				INCHES	mm	INCHES	mm		
09805	5	18	16/30	0.030	0.76	0.465	11.81	5.6	141
09806	6	18	16/30	0.030	0.76	0.495	12.57	5.6	152
09807	7	18	16/30	0.030	0.76	0.520	13.21	5.6	172
09808	8	18	16/30	0.030	0.76	0.530	13.46	4.9	177
09810	10	18	16/30	0.030	0.76	0.595	15.11	4.9	225
09812	12	18	16/30	0.030	0.76	0.600	15.24	3.5	240
09814	14	18	16/30	0.030	0.76	0.630	16.00	3.5	265
09816	16	18	16/30	0.030	0.76	0.700	17.78	3.5	310
09818*	18	18	16/30	0.030	0.76	0.760	19.30	3.5	345
09820	20	18	16/30	0.030	0.76	0.795	20.19	3.5	382
09822*	22	18	16/30	0.030	0.76	0.805	20.45	3.1	400
09824	24	18	16/30	0.030	0.76	0.850	21.59	3.1	451
09827*	27	18	16/30	0.030	0.76	0.865	21.97	3.1	475
09830*	30	18	16/30	0.030	0.76	0.915	23.24	3.1	533
09605	5	16	26/30	0.030	0.76	0.495	12.57	8.0	167
09606	6	16	26/30	0.030	0.76	0.520	13.21	8.0	182
09607	7	16	26/30	0.030	0.76	0.540	13.72	8.0	194
09608	8	16	26/30	0.030	0.76	0.575	14.61	7.0	218
09609	9	16	26/30	0.030	0.76	0.600	15.24	7.0	243
09610	10	16	26/30	0.030	0.76	0.620	15.75	5.0	255
09612	12	16	26/30	0.030	0.76	0.660	16.76	5.0	296
09614	14	16	26/30	0.030	0.76	0.730	18.54	5.0	352
09616	16	16	26/30	0.030	0.76	0.740	18.80	5.0	383
09618*	18	16	26/30	0.030	0.76	0.770	19.56	5.0	417
09620	20	16	26/30	0.030	0.76	0.810	20.57	5.0	457
09622*	22	16	26/30	0.030	0.76	0.900	22.86	4.5	510
09624	24	16	26/30	0.030	0.76	0.925	23.50	4.5	563
09626*	26	16	26/30	0.030	0.76	0.965	24.51	4.5	611
09630	30	16	26/30	0.030	0.76	1.010	25.65	4.5	767

† Values shown are for current-carrying conductors. A grounding conductor, or one which carries only the unbalance current from other conductors, is NOT counted in determining current carrying capacity. Ampacities based on NEC table 400.5(A).

\* Non-stock item; minimum quantity purchase required.

® Actual shipping weight may vary.

### COLOR CODE CHART

NO. OF COND.	COLOR	TRACER	NO. OF COND.	COLOR	TRACER	NO. OF COND.	COLOR	TRACER
1	Black	—	8	Red	Black	15	Blue	White
2	White	—	9	Green	Black	16	Black	Red
3	Red	—	10	Orange	Black	17	White	Red
4	Green	—	11	Blue	Black	18	Orange	Red
5	Orange	—	12	Black	White	19	Blue	Red
6	Blue	—	13	Red	White	20	Red	Green
7	White	Black	14	Green	White	21	Orange	Green

Note: Colors repeat after 21 conductors.

### Product Construction:

#### Conductors:

- 18 and 16 AWG fully annealed stranded bare copper per ASTM B-174

#### Insulation:

- Premium-grade, color-coded 90°C EPDM
- Color code: See chart below

#### Jacket:

- Super Vu-Tron® 90°C, black
- Temperature range: -40°C to +90°C

#### Jacket Marking:

- CAROL SUPER VU-TRON (SIZE) (mm<sup>2</sup>) 90°C (UL) WATER RESISTANT S00W CSA (-40°C) FT-2 P-7K-123033 MSHA 600 VOLT RoHS MADE IN USA

### Applications:

- Control circuits
- Tools
- Heavy industrial, processing and construction equipment

### Features:

- Extra-flexible stranding
- Abrasion-resistant
- Resists oils and solvents
- Flame-resistant
- Ozone-resistant
- 90°C rated conductors and jacket
- Water-resistant
- UL Listed and CSA Certified for indoor and outdoor use
- Sunlight-resistant

### Industry Approvals:

- UL Flexible Cord - UL Subject 62
- CSA Flexible Cord - C22.2-49
- MSHA Approved
- RoHS Compliant

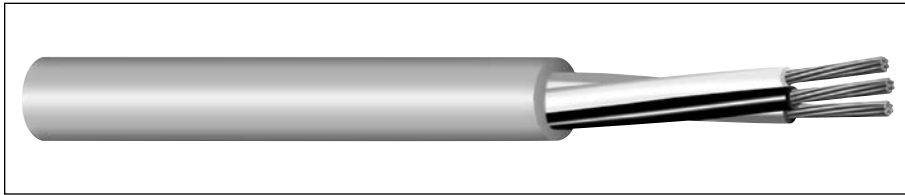
### Packaging:

- 5- through 8-conductor available on 250' (76.2 m), 500' (152.4 m), and 1000' (304.8 m) reels
- 9+ cond. available on long-length reels
- Other put-ups available on special order



# Super Vu-Tron® III Types SJOOW/SOOW

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



### TYPE SJOOW – 300 VOLT – UL/CSA

CATALOG NUMBER	NO. OF COND.	COND. SIZE (AWG)	COND. STRAND	NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS†	APPROX. NET WT. LBS/M <sup>(S)</sup>	STD. CTN.
				INCHES	mm	INCHES	mm			
02001*	2	18	41/34	0.030	0.76	0.310	8.00	10	56	1000'
02002*	3	18	41/34	0.030	0.76	0.320	8.12	10	65	1000'
02003*	4	18	41/34	0.030	0.76	0.345	8.76	7	80	250'
02004*	2	16	65/34	0.030	0.76	0.315	8.00	13	68	1000'
02005*	3	16	65/34	0.030	0.76	0.335	8.51	13	80	250'
02006*	4	16	65/34	0.030	0.76	0.370	9.40	10	95	250'
02007*	2	14	41/30	0.030	0.76	0.370	9.40	18	90	250'
02008*	3	14	41/30	0.030	0.76	0.375	9.52	18	110	250'
02009*	4	14	41/30	0.030	0.76	0.405	10.29	15	130	250'

### TYPE SOOW – 600 VOLT – UL/CSA

CATALOG NUMBER	NO. OF COND.	COND. SIZE (AWG)	COND. STRAND	NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS†	APPROX. NET WT. LBS/M <sup>(S)</sup>	STD. CTN.
				INCHES	mm	INCHES	mm			
02031*	2	18	41/34	0.030	0.76	0.365	9.27	10	75	250'
02032*	3	18	41/34	0.030	0.76	0.375	9.53	10	80	250'
02033*	4	18	41/34	0.030	0.76	0.400	10.16	7	110	250'
02034*	2	16	65/34	0.030	0.76	0.370	9.40	13	75	250'
02035*	3	16	65/34	0.030	0.76	0.395	10.80	13	100	250'
02036*	4	16	65/34	0.030	0.76	0.425	10.80	10	120	250'
02021*	5	16	65/34	0.030	0.76	0.515	13.08	8	150	250'
02037*	2	14	41/30	0.045	1.14	0.510	12.95	18	155	250'
02038*	3	14	41/30	0.045	1.14	0.525	13.34	18	165	250'
02039*	4	14	41/30	0.045	1.14	0.575	14.61	15	215	250'
02022*	5	14	41/30	0.045	1.14	0.675	17.15	12	285	250'
02041*	2	12	65/30	0.045	1.14	0.590	14.99	25	200	250'
02042*	3	12	65/30	0.045	1.14	0.600	15.24	25	250	250'
02043*	4	12	65/30	0.045	1.14	0.650	16.51	20	280	250'
02023*	5	12	65/30	0.045	1.14	0.730	18.54	16	315	250'
02045*	3	10	104/30	0.045	1.14	0.660	16.76	30	320	250'
02046*	4	10	104/30	0.045	1.14	0.710	18.03	25	375	250'
02024*	5	10	104/30	0.045	1.14	0.770	19.56	20	432	250'

\* Non-stock item available by special order; minimum quantity purchase required.

† Green conductor for grounding only. Ampacities based on NEC table 400.5(A).

<sup>(S)</sup> Actual shipping weight may vary.

### Product Construction:

#### Conductors:

- 18 through 10 AWG fully annealed stranded bare copper per ASTM B-174

#### Insulation:

- Premium-grade, color-coded, oil-resistant 105°C EPDM
- Color code: See chart below

#### Jacket:

- Super Vu-Tron® III, yellow
- Temperature range: -50°C to +105°C UL/CSA
- Voltage rating: 300 volts Type SJOOW, 600 volts Type SOOW

#### Jacket Marking:

- CAROL WATER VU-TRON® III (SIZE) (mm<sup>2</sup>) 105°C (UL) SUPER RESISTANT SJOOW (OR SOOW) CSA -50°C FT-1 P-123-103 MSHA (VOLTS) RoHS MADE IN USA

### Applications:

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

### Features:

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

### Industry Approvals:

- UL Flexible Cord - UL Subject 62
- CSA Flexible Cord - C22.2-49
- MSHA Approved
- RoHS Compliant

### Packaging:

- 250' (76.2 m), 500' (152.4 m), 1000' (304.8 m)
- Other put-ups available on special order

### COLOR CODE CHART

NO. OF CONDUCTORS	COLOR
2	Black, White
3	Black, White, Green
4	Black, White, Red, Green
5	Black, White, Red, Orange, Green





# Carolprene® Jacketed Type SOOW, Non-UL

90°C 600 Volt Portable Cord

**Product Construction:**

**Conductors:**

- 8 through 2 AWG fully annealed stranded bare copper per ASTM B-174

**Insulation:**

- Premium-grade, color-coded 90°C EPDM
- Color code: See chart below

**Jacket:**

- Carolprene®, black
- Temperature range: -40°C to +90°C

**Jacket Marking:**

- CAROL (SIZE) TYPE SOOW 90°C P-7K-123033 MSHA MADE IN USA NON-UL

**Applications:**

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

**Features:**

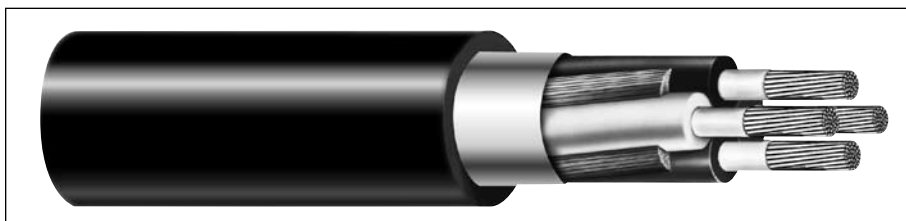
- Excellent resistance to oil and moisture
- Good tensile strength, elongation and aging characteristics
- High flexibility
- Excellent abrasion resistance
- Sunlight-resistant

**Industry Approvals:**

- MSHA Approved
- RoHS Compliant

**Packaging:**

- 250' (76.2 m), 500' (152.4 m), 1000' (304.8 m)
- Other put-ups available on special order



TYPE SOOW, NON-UL – 600 VOLT

CATALOG NUMBER	NO. OF COND.	COND. SIZE (AWG)	COND. STRAND	NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS <sup>†</sup>	APPROX. NET WT. LBS/M <sup>(§)</sup>	STD. CTN.
				INCHES	mm	INCHES	mm			
01811*	2	8	65/26	0.050	1.27	0.660	16.76	40	283	250'
01812	3	8	65/26	0.050	1.27	0.695	17.65	40	340	250'
01827	4	8	65/26	0.050	1.27	0.760	19.30	35	491	250'
98267	5	8	65/26	0.050	1.27	0.840	21.34	28	550	250'
01825	3	6	101/26	0.050	1.27	0.790	20.07	55	531	250'
01824	4	6	101/26	0.050	1.27	0.865	21.97	45	660	250'
98270	5	6	101/26	0.050	1.27	0.945	24.00	36	759	250'
01823*	2	4	119/25	0.050	1.27	0.860	21.84	70	580	250'
01822	3	4	119/25	0.050	1.27	0.915	23.24	70	745	250'
01821	4	4	119/25	0.050	1.27	1.000	25.40	60	918	250'
98463	5	4	119/25	0.050	1.27	1.095	27.81	48	1030	250'
01819	3	2	133/.0211	0.055	1.40	1.085	27.56	95	1072	250'
01818	4	2	133/.0211	0.055	1.40	1.170	29.72	80	1344	250'
98187	5	2	133/.0211	0.055	1.40	1.390	35.31	64	1702	250'

\* Non-stock item; minimum quantity purchase required.  
 † Green conductor for grounding only. Ampacities based on NEC table 400.5(A).  
 § Actual shipping weight may vary.

**COLOR CODE CHART**

NO. OF CONDUCTORS	COLOR
2	Black, White
3	Black, White, Green
4	Black, White, Red, Green
5	Black, White, Red, Orange, Green

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

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



**Product Construction:**

**Conductor:**

- 8 AWG through 500 kcmil fully annealed stranded bare copper

**Insulation:**

- Premium-grade, color-coded 90°C EPDM
- Color code: See chart below

**Jacket:**

- Super Vu-Tron® 90°C, black
- Temperature range: -40°C to +90°C

**Jacket Marking:**

- MULTI-CONDUCTOR TYPE W – CAROL SUPER VU-TRON® SIZE (mm<sup>2</sup>) TYPE W PORTABLE POWER CABLE (UL) 2000V DRY 90°C WET 75°C SUN RES P-7K-123049 MSHA --- CSA TYPE W (-40°C) FT-5 MADE IN USA
- SIZES SMALLER THAN 2-1/4" – CAROL SUPER VU-TRON® (SIZE) TYPE W PORTABLE POWER CABLE (UL) 2000V DRY 90°C WET 75°C SUN RES CSA (-40°C) FT-5 P-7K-123049 MSHA
- SIZES 2-1/4" AND LARGER – (SIZE) TYPE W CAROL SUPER VU-TRON® 90°C DRY AND WATER RESISTANT 75°C 2000V SUN RES (UL) P-7K-123049 MSHA LR27161

CATALOG NUMBER	NO. OF COND.	COND. SIZE (AWG/kcmil)	COND. STRAND	NOMINAL COND. O.D.		NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS <sup>(1)</sup>	APPROX. NET WT. LBS/M <sup>(5)</sup>
				INCHES	mm	INCHES	mm	INCHES	mm		
<b>2 CONDUCTOR – TYPE W – 2000 VOLT</b>											
81312	2	8	133	0.167	4.24	0.060	1.52	0.770	19.56	74	334
81622	2	6	259	0.210	5.33	0.060	1.52	0.910	23.11	99	483
81642	2	4	259	0.245	6.22	0.060	1.52	1.020	25.91	130	664
81662	2	2	259	0.334	8.48	0.080	2.03	1.210	30.73	174	981
81372*	2	1	259	0.375	9.53	0.080	2.03	1.440	36.58	202	1490
81382*	2	1/0	259	0.385	9.78	0.080	2.03	1.435	36.45	234	1625
81392*	2	2/0	259	0.475	12.07	0.080	2.03	1.650	41.92	271	1880
81402*	2	3/0	259	0.530	13.46	0.080	2.03	1.770	44.96	313	2420
81412*	2	4/0	259	0.570	14.48	0.080	2.03	1.920	48.77	361	2940

<b>3 CONDUCTOR – TYPE W – 2000 VOLT</b>											
81313	3	8	133	0.167	4.24	0.060	1.52	0.925	23.50	74	490
81623	3	6	259	0.210	5.33	0.060	1.52	1.010	25.65	99	650
81643	3	4	259	0.245	6.22	0.060	1.52	1.095	27.81	130	835
81663	3	2	259	0.334	8.48	0.080	2.03	1.325	33.66	174	1233
81373*	3	1	259	0.375	9.53	0.080	2.03	1.500	38.10	202	1810
81383	3	1/0	259	0.385	9.78	0.080	2.03	1.610	40.89	234	2142
81393	3	2/0	259	0.475	12.07	0.080	2.03	1.720	43.69	271	2586
81403*	3	3/0	259	0.480	12.19	0.080	2.03	1.880	47.75	313	3381
81413*	3	4/0	259	0.570	14.48	0.080	2.03	1.935	49.15	361	3492
81423*	3	250	627	0.615	15.62	0.095	2.41	2.390	60.71	402	5070
81443*	3	350	855	0.725	18.42	0.095	2.41	2.680	68.07	495	6570
81473*	3	500	1235	0.880	22.35	0.095	2.41	3.030	76.96	613	8700

<b>4 CONDUCTOR – TYPE W – 2000 VOLT</b>											
81314	4	8	133	0.167	4.24	0.060	1.52	0.985	25.02	65	595
81624	4	6	259	0.210	5.33	0.060	1.52	1.085	27.56	87	783
81644	4	4	259	0.245	6.22	0.060	1.52	1.210	30.73	114	1072
81664	4	2	259	0.334	8.48	0.080	2.03	1.435	36.45	152	1592
81374	4	1	259	0.375	9.53	0.080	2.03	1.605	40.77	177	2051
81384	4	1/0	259	0.385	9.78	0.080	2.03	1.720	43.69	205	2742
81394	4	2/0	259	0.475	12.07	0.080	2.03	1.925	48.90	237	3228
81404	4	3/0	259	0.480	12.19	0.080	2.03	2.055	52.20	274	4048
81414	4	4/0	259	0.570	14.48	0.080	2.03	2.145	54.48	316	4603

<b>5 CONDUCTOR – TYPE W – 2000 VOLT</b>											
81315	5	8	133	0.167	4.24	0.060	1.52	1.050	26.67	52	675
81625	5	6	259	0.210	5.33	0.060	1.52	1.200	30.48	69	956
81645	5	4	259	0.245	6.22	0.060	1.52	1.360	34.54	91	1332
81665	5	2	259	0.334	8.48	0.080	2.03	1.600	40.64	121	2021
81375*	5	1	259	0.375	9.53	0.080	2.03	1.925	48.90	141	2923
81385	5	1/0	259	0.385	9.78	0.080	2.03	2.075	52.71	164	3142
81395*	5	2/0	259	0.475	12.07	0.080	2.03	2.160	54.86	189	4067
81405*	5	3/0	259	0.530	13.46	0.080	2.03	2.260	57.40	219	4900
81415*	5	4/0	259	0.570	14.48	0.080	2.03	2.460	62.48	252	5980

**Applications:**

- Industrial and light- to medium-duty mining applications
- Heavy-duty service as power supply cable
- AC systems (grounded and ungrounded)
- Mobile and portable electrical equipment
- Motor and battery leads
- 2-conductor cables—use on DC or AC single-phase systems where grounding is not required
- 3-conductor cables—use on AC systems where no grounding is required, or on DC systems with one conductor for grounding
- 4-conductor cables—use on two- or three-phase AC systems with one conductor used for grounding
- 5-conductor cables—use in applications where separating the system neutral from the frame ground is required

**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
- Sunlight-resistant

**Industry Approvals:**

- CSA
- MSHA Approved
- UL Type W
- RoHS Compliant

**Packaging:**

- Lengths cut to order

**COLOR CODE CHART**

NO. OF CONDUCTORS	COLOR**
2	Black, White
3	Black, White, Green
4	Black, White, Red, Green
5	Black, White, Red, Green, Orange

<sup>(1)</sup> Ampacities based on 90°C conductor and 30°C ambient temperature per Table 400.5(B) of the National Electrical Code®.

\* Non-stock item; minimum quantity purchase required.

\*\* Green conductor for grounding only.

<sup>(5)</sup> Actual shipping weight may vary.



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

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

**Product Construction:**

**Conductor:**

- 8 AWG through 500 kcmil fully annealed stranded bare copper

**Insulation:**

- Premium-grade, color-coded 90°C EPDM
- Color code: See chart below
- Insulated grounds and ground checks

**Jacket:**

- Super Vu-Tron® 90°C, black
- Temperature range: -40°C to +90°C

**Jacket Marking:**

- TYPE G-GC (4/0 AND SMALLER) – CAROL SUPER VU-TRON® SIZE (mm<sup>2</sup>) TYPE G-GC PORTABLE POWER CABLE (UL) 2000V DRY 90°C WET 75°C SUN RES P-7K-123049 MSHA --- CSA TYPE G-GC (-40°C) FT-5 MADE IN USA
- CAROL SUPER VU-TRON (SIZE) TYPE G-GC PORTABLE POWER CABLE (UL) 2000 VOLTS 90°C DRY AND 75°C WET SUN RES CSA (-40°C) FT5 LR27161 P-7K-123049 MSHA MADE IN THE USA
- TYPE G – CAROL SUPER VU-TRON® SIZE (mm<sup>2</sup>) TYPE G PORTABLE POWER CABLE (UL) 600/2000V DRY 90°C WET 75°C SUN RES P-7K-123049 MSHA --- CSA TYPE G (-40°C) FT-5 MADE IN USA

**Applications:**

- Industrial and light- to medium-duty mining applications
- Heavy-duty service as power supply cable
- Mobile and portable electrical equipment
- 3- and 4-conductor—use on three-phase AC systems where grounding is required

**Features:**

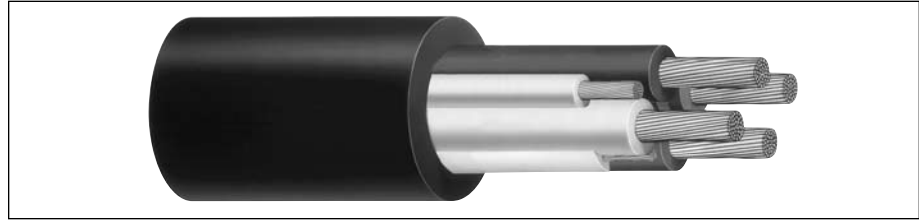
- Excellent impact and abrasion resistance
- Withstand exposure to oil, acids, alkalies, heat, moisture and most chemicals
- Indent-printed for easy identification
- Rope lay stranding for maximum flex life
- Cable core bound for superior flexibility and toughness
- Non-wicking rubber fillers (GGC)
- Canadian color code available upon request
- Sunlight-resistant

**Industry Approvals:**

- UL Type G, G-GC
- CSA
- MSHA Approved
- RoHS Compliant

**Packaging:**

- Lengths cut to order



**3 CONDUCTOR – TYPE G-GC – 2000 VOLT**

CATALOG NUMBER	NO. OF COND.	COND. SIZE (AWG/kcmil)	COND. STRAND	NOMINAL COND. O.D.		YELLOW GROUND CHECK AWG SIZE	GREEN GROUND COND. AWG SIZE	NOMINAL INS. THICKNESS		NOMINAL O.D.		CURR. AMPS <sup>(1)</sup>	APPROX. NET WT. LBS/M <sup>(5)</sup>
				INCHES	mm			INCHES	mm	INCHES	mm		
82313	3	8	133	0.167	4.24	10	2#10	0.060	1.52	0.965	24.51	65	609
82623	3	6	259	0.210	5.33	10	2#10	0.060	1.52	1.050	26.67	87	797
82643	3	4	259	0.245	6.22	10	2#8	0.060	1.52	1.145	29.08	114	984
82663	3	2	259	0.334	8.48	10	2#7	0.080	2.03	1.345	34.16	152	1465
82373 <sup>(2)</sup>	3	1	259	0.375	9.53	8	2#6	0.080	2.03	1.465	37.21	177	1807
82383 <sup>(2)</sup>	3	1/0	259	0.385	9.78	8	2#5	0.080	2.03	1.605	40.77	205	2405
82393 <sup>(2)</sup>	3	2/0	259	0.475	12.07	8	2#4	0.080	2.03	1.715	43.56	237	2510
82403 <sup>(2)</sup>	3	3/0	259	0.480	12.19	8	2#3	0.080	2.03	1.850	46.99	274	3773
82413 <sup>(2)</sup>	3	4/0	259	0.570	14.48	8	2#2	0.080	2.03	1.980	50.29	316	3946
82423 <sup>(2)*</sup>	3	250	627	0.615	15.62	8	2#2	0.095	2.41	2.390	60.71	352	6060
82443 <sup>(2)*</sup>	3	350	855	0.725	18.42	8	2#1/0	0.095	2.41	2.680	68.07	433	7400
82473 <sup>(2)*</sup>	3	500	1235	0.880	22.35	8	2#2/0	0.095	2.41	3.030	76.96	526	10100

**4 CONDUCTOR – TYPE G – 600/2000 VOLT**

CATALOG NUMBER	NO. OF COND.	COND. SIZE (AWG/kcmil)	COND. STRAND	NOMINAL COND. O.D.		GREEN COND. AWG SIZE	NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS <sup>(1)</sup>	APPROX. NET WT. LBS/M <sup>(5)</sup>
				INCHES	mm		INCHES	mm	INCHES	mm		
82314	4	8	133	0.167	4.24	4#12	0.060	1.52	1.045	26.54	52	705
82624	4	6	259	0.210	5.33	4#12	0.060	1.52	1.125	28.58	70	914
82644	4	4	259	0.245	6.22	4#10	0.060	1.52	1.210	30.73	91	1370
82664	4	2	259	0.334	8.48	4#9	0.080	2.03	1.435	36.45	122	1802
82374 <sup>(2)*</sup>	4	1	259	0.375	9.53	4#8	0.080	2.03	1.650	41.91	142	2479
82384 <sup>(2)</sup>	4	1/0	259	0.385	9.78	4#7	0.080	2.03	1.720	43.69	164	3080
82394 <sup>(2)</sup>	4	2/0	259	0.475	12.07	4#6	0.080	2.03	1.860	47.24	190	3119
82404 <sup>(2)</sup>	4	3/0	259	0.480	12.19	4#5	0.080	2.03	2.075	52.71	219	4542
82414 <sup>(2)</sup>	4	4/0	259	0.570	14.48	4#4	0.080	2.03	2.155	54.74	253	5078

<sup>(1)</sup> Ampacities based on 90°C conductor and 30°C ambient temperature per table 400.5(B) of the National Electrical Code®.

<sup>(2)</sup> UL Listed and c(UL) Certified.

\* Non-stock item; minimum quantity purchase required.

<sup>(5)</sup> Actual shipping weight may vary.

**COLOR CODE CHART**

NO. OF CONDUCTORS	COLOR
3	Black, White, Red
4	Black, White, Red, Orange

