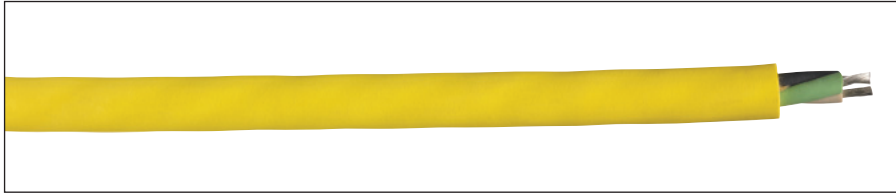


# Super Vu-Tron® Supreme Types SJOOW/SOOW

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



### TYPE SJOOW – 300 VOLT – UL/CSA

CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	STRAND O.D.	NOM. INS. THICKNESS		JACKET NOMINAL O.D.		CURRENT AMPS†	APPROX. NET WT. LBS/M <sup>(S)</sup>	COPPER WT. LBS/M'	STD. CTN.
					INCHES	mm	INCHES	mm				
02601	2	18	41/34	.048"	0.030	0.76	0.310	7.87	10	56	10	1000'
02602	3	18	41/34	.048"	0.030	0.76	0.320	8.13	10	66	15	1000'
02603	4	18	41/34	.048"	0.030	0.76	0.345	8.76	7	79	20	250'
02604	2	16	65/34	.057"	0.030	0.76	0.315	8.00	13	62	16	1000'
02605	3	16	65/34	.057"	0.030	0.76	0.335	8.51	13	77	24	250'
02606	4	16	65/34	.057"	0.030	0.76	0.370	9.40	10	98	32	250'
02607	2	14	105/34	.077"	0.030	0.76	0.370	9.40	18	75	24	250'
02608	3	14	105/34	.077"	0.030	0.76	0.375	9.53	18	99	36	250'
02609	4	14	105/34	.077"	0.030	0.76	0.405	10.29	15	122	48	250'

### TYPE SOOW – 600 VOLT – UL/CSA

CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INS. THICKNESS		JACKET NOMINAL O.D.		CURRENT AMPS†	APPROX. NET WT. LBS/M <sup>(S)</sup>	COPPER WT. LBS/M'	STD. CTN.
				INCHES	mm	INCHES	mm				
02631*	2	18	41/34	0.030	0.76	0.365	9.27	10	75	10	250'
02632	3	18	41/34	0.030	0.76	0.375	9.53	10	84	15	250'
02633*	4	18	41/34	0.030	0.76	0.400	10.16	7	110	21	250'
02634	2	16	65/34	0.030	0.76	0.370	9.40	13	80	16	250'
02635	3	16	65/34	0.030	0.76	0.395	10.03	13	96	24	250'
02636	4	16	65/34	0.030	0.76	0.425	10.80	10	118	32	250'
02621	5	16	65/34	0.030	0.76	0.515	13.08	8	166	40	250'
02637*	2	14	105/34	0.045	1.14	0.510	12.95	18	153	24	250'
02638	3	14	105/34	0.045	1.14	0.525	13.34	18	164	36	250'
02639	4	14	105/34	0.045	1.14	0.575	14.61	15	204	48	250'
02622*	5	14	105/34	0.045	1.14	0.675	17.15	12	279	60	250'
02641*	2	12	168/34	0.045	1.14	0.590	14.99	25	198	38	250'
02642	3	12	168/34	0.045	1.14	0.600	15.24	25	224	57	250'
02643	4	12	168/34	0.045	1.14	0.650	16.51	20	270	76	250'
02623*	5	12	168/34	0.045	1.14	0.730	18.54	16	308	96	250'
02645	3	10	259/34	0.045	1.14	0.660	16.76	30	295	99	250'
02646	4	10	259/34	0.045	1.14	0.710	18.03	25	365	132	250'
02624*	5	10	259/34	0.045	1.14	0.770	19.56	20	422	168	250'

#### TOP PERFORMANCE IN THE TOUGHEST ENVIRONMENTS

Volume change (%) of SUPER VU-TRON® SUPREME after 28 days at room temperature in the following materials			
ACETIC ACID (30%)	+19.00	LINSEED OIL	+1.04
AMMONIA HYDROXIDE	+3.12	LUBE OIL	-1.82
ASTM 3 OIL	+0.26	MILK	+4.16
BEER	+4.42	NITRIC ACID (10%)	+7.29
BLEACH WATER	+2.60	SAE 30 OIL	-1.30
BUTYL ALCOHOL	-1.82	SKYDROL 500	+17.10
CORN OIL	0.00	SODIUM HYDROXIDE	+10.90
FORMALDEHYDE	+3.38	SULFURIC ACID (10%)	+2.34
GLYCOL (ANTI-FREEZE)	-2.60	TOLUENE	+30.20
HYDROCHLORIC ACID (20%)	+10.60	UNLEADED GAS	+22.10
JP-4	+10.90	WATER	+2.86
KEROSENE	+10.60		

\* Non-stock item; minimum quantity purchase required.  
 † Green conductor for grounding only. Ampacities based on NEC Table 400.5(A)(1).

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

#### COLOR CODE CHART

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

#### Product Construction:

##### Conductors:

- 18 through 10 AWG fully annealed stranded tinned copper

##### Insulation:

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

##### Jacket:

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

##### Jacket Marking:

- SUPER VU-TRON® SUPREME SJOOW - CAROL SUPER VU-TRON® SUPREME (SIZE) (mm<sup>2</sup>) 105°C (UL) WATER RESISTANT SJOOW CSA (-50°C) FT1 --- P-07-KA120015-MSHA 300 VOLT ROHS MADE IN USA (TRU-MARK SEQUENTIAL FOOTAGE)
- SUPER VU-TRON® SUPREME SOOW - CAROL SUPER VU-TRON® SUPREME (SIZE) (mm<sup>2</sup>) 105°C (UL) WATER RESISTANT SOOW CSA (-50°C) FT1 --- P-07-KA120015-MSHA 600 VOLT ROHS MADE IN USA (TRU-MARK SEQUENTIAL FOOTAGE)

#### Applications:

- Machine tools
- Power tools
- Dockside power applications
- Motor leads
- Portable machinery
- Cranes
- Submersible pumps
- Where water immersion is required
- Severe environment OEM/MRO applications

#### Features:

- Excellent flexibility in cold temperatures
- Lasts longer in flex applications (extra-flexible Class M stranding)
- Integral Flexfill®
- Ozone-, sunlight (UV)- and weather-resistant
- UL Listed and CSA Certified for indoor and outdoor use
- Water-resistant\*
- Safety-colored, with high-visibility yellow jacket
- High heat and flame resistance
- Resistant to sunlight, oils, acids and chemicals
- Excellent abrasion and cut resistance
- TRU-Mark® sequential footage marking
- Tinned copper conductors — corrosion/oxidation-resistant

#### Industry Approvals:

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

#### Packaging:

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

\* Suitable for immersion in water if properly sealed and terminated.



# Carolprene® Jacketed Type SOOW

90°C, 600 Volt, UL/CSA Portable Cord



**Product Construction:**

**Conductors:**

- 18 through 2 AWG fully annealed stranded bare copper

**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) (mm²) 90°C (UL) WATER RESISTANT SOOW CSA (-40°C) FT2 P-7K-123033 MSHA 600 VOLT ROHS MADE IN USA (TRU-MARK SEQUENTIAL FOOTAGE)

**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
- Ozone-, sunlight (UV)- and weather-resistant
- TRU-Mark® sequential footage marking

**Industry Approvals:**

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

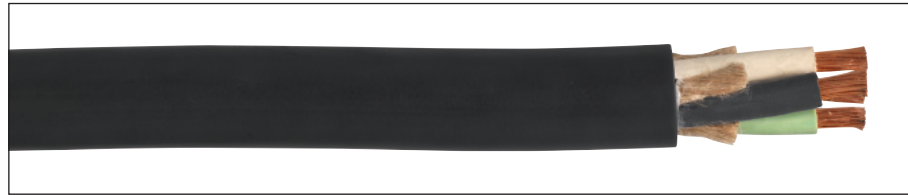
**Packaging:**

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

\* Suitable for immersion in water if properly sealed and terminated.

**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



**TYPE SOOW – 600 VOLT – UL/CSA**

CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS†	APPROX. NET WT. LBS/M <sup>(§)</sup>	STD. CTN.
				INCHES	mm	INCHES	mm			
02763	2	18	16/30	0.030	0.76	0.345	8.76	10	65	250 <sup>†</sup>
02769	3	18	16/30	0.030	0.76	0.365	9.27	10	80	250 <sup>†</sup>
02770	4	18	16/30	0.030	0.76	0.390	9.91	7	94	250 <sup>†</sup>
02722	2	16	26/30	0.030	0.76	0.370	9.40	13	77	250 <sup>†</sup>
02765	3	16	26/30	0.030	0.76	0.390	9.91	13	94	250 <sup>†</sup>
02766	4	16	26/30	0.030	0.76	0.420	10.67	10	114	250 <sup>†</sup>
02723	2	14	41/30	0.045	1.14	0.510	12.95	18	154	250 <sup>†</sup>
02762	3	14	41/30	0.045	1.14	0.535	13.59	18	171	250 <sup>†</sup>
02768	4	14	41/30	0.045	1.14	0.575	14.61	15	209	250 <sup>†</sup>
02724	2	12	65/30	0.045	1.14	0.570	14.48	25	168	250 <sup>†</sup>
02725	3	12	65/30	0.045	1.14	0.595	15.11	25	223	250 <sup>†</sup>
02726	4	12	65/30	0.045	1.14	0.650	16.51	20	276	250 <sup>†</sup>
02767	2	10	104/30	0.045	1.14	0.620	15.75	30	230	250 <sup>†</sup>
02728	3	10	104/30	0.045	1.14	0.660	16.76	30	289	250 <sup>†</sup>
02727	4	10	104/30	0.045	1.14	0.715	18.16	25	351	250 <sup>†</sup>
16063	3	8	133/29	0.060	1.52	0.840	21.33	40	450	250 <sup>†</sup>
16064	4	8	133/29	0.060	1.52	0.945	24.00	35	580	250 <sup>†</sup>
16065	5	8	133/29	0.060	1.52	1.030	26.16	28	700	250 <sup>†</sup>
16073	3	6	133/27	0.060	1.52	0.980	24.89	55	637	250 <sup>†</sup>
16074	4	6	133/27	0.060	1.52	1.080	27.43	45	830	250 <sup>†</sup>
16075	5	6	133/27	0.060	1.52	1.200	30.48	36	1015	250 <sup>†</sup>
16083	3	4	133/25	0.060	1.52	1.140	28.96	70	926	250 <sup>†</sup>
16084	4	4	133/25	0.060	1.52	1.260	32.00	60	1145	250 <sup>†</sup>
16085	5	4	133/25	0.060	1.52	1.365	34.67	48	1419	250 <sup>†</sup>
16093	3	2	133/23	0.060	1.52	1.330	33.78	95	1367	250 <sup>†</sup>
16094	4	2	133/23	0.060	1.52	1.460	37.08	80	1699	250 <sup>†</sup>
16095*	5	2	133/23	0.060	1.52	1.580	40.13	64	2066	250 <sup>†</sup>

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)(1).

§ 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.	AWG SIZE	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	46	1000'
01311	3	18	16/30	0.030	0.76	0.305	7.75	10	60	1000'
01344	4	18	16/30	0.030	0.76	0.330	8.38	7	72	250'
01312	2	16	26/30	0.030	0.76	0.310	7.87	13	56	1000'
01342	3	16	26/30	0.030	0.76	0.330	8.38	13	72	250'
01343	4	16	26/30	0.030	0.76	0.365	9.27	10	89	250'
01358	2	14	41/30	0.030	0.76	0.340	8.64	18	75	250'
01360	3	14	41/30	0.030	0.76	0.370	9.40	18	100	250'
01364	4	14	41/30	0.030	0.76	0.410	10.41	15	128	250'
01379	2	12	65/30	0.030	0.76	0.410	10.41	25	108	250'
01380	3	12	65/30	0.030	0.76	0.430	10.92	25	136	250'
01381	4	12	65/30	0.030	0.76	0.475	12.07	20	177	250'
01382*	2	10	104/30	0.045	1.14	0.560	14.22	30	190	250'
01383	3	10	104/30	0.045	1.14	0.580	14.73	30	236	250'
01384	4	10	104/30	0.045	1.14	0.655	16.64	25	296	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)(1).

Ⓔ Actual shipping weight may vary.

**Product Construction:**

**Conductors:**

- 18 through 10 AWG fully annealed stranded bare copper

**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) FT2 P-7K-123033 MSHA 300 VOLT ROHS MADE IN USA (TRU-MARK SEQUENTIAL FOOTAGE)

**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
- Ozone-, sunlight (UV)- and weather-resistant
- TRU-Mark® sequential footage marking

**Industry Approvals:**

- UL Flexible Cord - UL 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

\* Suitable for immersion in water if properly sealed and terminated.

**COLOR CODE CHART**

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

