

# 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) (mm<sup>2</sup>) 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>(S)</sup>	STD. CTN.
				INCHES	mm	INCHES	mm			
02763	2	18	16/30	0.030	0.76	0.345	8.76	10	65	250 <sup>1</sup>
02769	3	18	16/30	0.030	0.76	0.365	9.27	10	80	250 <sup>1</sup>
02770	4	18	16/30	0.030	0.76	0.390	9.91	7	94	250 <sup>1</sup>
02722	2	16	26/30	0.030	0.76	0.370	9.40	13	77	250 <sup>1</sup>
02765	3	16	26/30	0.030	0.76	0.390	9.91	13	94	250 <sup>1</sup>
02766	4	16	26/30	0.030	0.76	0.420	10.67	10	114	250 <sup>1</sup>
02723	2	14	41/30	0.045	1.14	0.510	12.95	18	154	250 <sup>1</sup>
02762	3	14	41/30	0.045	1.14	0.535	13.59	18	171	250 <sup>1</sup>
02768	4	14	41/30	0.045	1.14	0.575	14.61	15	209	250 <sup>1</sup>
02724	2	12	65/30	0.045	1.14	0.570	14.48	25	168	250 <sup>1</sup>
02725	3	12	65/30	0.045	1.14	0.595	15.11	25	223	250 <sup>1</sup>
02726	4	12	65/30	0.045	1.14	0.650	16.51	20	276	250 <sup>1</sup>
02767	2	10	104/30	0.045	1.14	0.620	15.75	30	230	250 <sup>1</sup>
02728	3	10	104/30	0.045	1.14	0.660	16.76	30	289	250 <sup>1</sup>
02727	4	10	104/30	0.045	1.14	0.715	18.16	25	351	250 <sup>1</sup>
16063	3	8	133/29	0.060	1.52	0.840	21.33	40	450	250 <sup>1</sup>
16064	4	8	133/29	0.060	1.52	0.945	24.00	35	580	250 <sup>1</sup>
16065	5	8	133/29	0.060	1.52	1.030	26.16	28	700	250 <sup>1</sup>
16073	3	6	133/27	0.060	1.52	0.980	24.89	55	637	250 <sup>1</sup>
16074	4	6	133/27	0.060	1.52	1.080	27.43	45	830	250 <sup>1</sup>
16075	5	6	133/27	0.060	1.52	1.200	30.48	36	1015	250 <sup>1</sup>
16083	3	4	133/25	0.060	1.52	1.140	28.96	70	926	250 <sup>1</sup>
16084	4	4	133/25	0.060	1.52	1.260	32.00	60	1145	250 <sup>1</sup>
16085	5	4	133/25	0.060	1.52	1.365	34.67	48	1419	250 <sup>1</sup>
16093	3	2	133/23	0.060	1.52	1.330	33.78	95	1367	250 <sup>1</sup>
16094	4	2	133/23	0.060	1.52	1.460	37.08	80	1699	250 <sup>1</sup>
16095*	5	2	133/23	0.060	1.52	1.580	40.13	64	2066	250 <sup>1</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).

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

