

# Super Vu-Tron® Type SO

90°C 600 Volt

**Product Construction:**

**Conductors:**

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

**Insulation:**

- Premium-grade 90°C EPDM

**Jacket:**

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

**Jacket Marking:**

- (SIZE) TYPE SO 600 VOLT CAROL SUPER VU-TRON 90°C P-123-MSHA NON-UL

**Applications:**

- Portable tools and equipment
- Portable appliances
- Small motors and associated machinery
- Flexible power leads

**Features:**

- Excellent resistance to oil and moisture
- Good tensile strength, elongation and aging characteristics
- High flexibility
- Excellent abrasion resistance
- Ozone-sunlight (UV)- and weather-resistant

**Industry Approvals:**

- MSHA Approved
- RoHS Compliant

**Packaging:**

- Lengths cut to order



TYPE SO, NON-UL – 600 VOLT

CATALOG NUMBER	AWG SIZE	COND. STRAND	NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS†	APPROX. NET WT. LBS/M <sup>(S)</sup>
			INCHES	mm	INCHES	mm		
77493*	18	16/30	0.030	0.76	0.180	4.57	7	19
77483*	16	26/30	0.030	0.76	0.200	5.08	10	25
77473*	14	41/30	0.045	1.14	0.240	6.09	15	40
77463*	12	65/30	0.045	1.14	0.265	6.60	20	50
77453*	10	104/30	0.045	1.14	0.305	7.75	25	75

† These ampacities are based on a conductor temperature of 90°C and an ambient air temperature of 40°C, per ICEA Pub-S-68-16 NEMA WC-8 (latest edition). Ampacities based on NEC table 400.5(A).

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

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

# Type SJ

60°C 300 Volt UL/CSA Portable Cord



TYPE SJ - 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			
01302	2	18	16/30	0.030	0.76	0.285	7.24	10	50	1000'
01303	3	18	16/30	0.030	0.76	0.305	7.75	10	63	1000'
01304	4	18	16/30	0.030	0.76	0.330	8.38	7	76	250'
01305	2	16	26/30	0.030	0.76	0.315	8.00	13	62	1000'
01306	3	16	26/30	0.030	0.76	0.330	8.38	13	76	250'
01307	4	16	26/30	0.030	0.76	0.365	9.27	10	97	250'
01361	2	14	41/30	0.030	0.76	0.340	8.64	18	79	250'
01362	3	14	41/30	0.030	0.76	0.370	9.40	18	106	250'
01366	4	14	41/30	0.030	0.76	0.415	10.54	15	135	250'
01368	2	12	65/30	0.030	0.76	0.410	10.41	25	117	250'
01369	3	12	65/30	0.030	0.76	0.430	10.92	25	145	250'
01370	4	12	65/30	0.030	0.76	0.470	11.94	20	182	250'
01376*	2	10	104/30	0.045	1.14	0.550	13.97	30	193	250'
01377	3	10	104/30	0.045	1.14	0.580	14.73	30	243	250'
01378	4	10	104/30	0.045	1.14	0.655	16.64	25	318	250'

\* Non-stock item

† 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 EPDM
- Color code: See chart below

**Jacket:**

- Rubber, black
- Temperature range: -40°C to +60°C

**Jacket Marking:**

- CAROL (SIZE) (mm<sup>2</sup>) TYPE SJ 60°C (UL) --- CSA TYPE SJ-FT2 300 VOLT RoHS MADE IN USA

**Applications:**

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

**Features:**

- Good flexibility in low temperatures
- Suitable for use in conditions where the cord is not subject to acid, grease, oil or solvents

**Industry Approvals:**

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

**Packaging:**

- 250' (76.2 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

