

**Super Vu-Tron® Type SO<sup>(1)</sup>**

90°C 600 Volt

**TYPE SO – 600 VOLT**

CATALOG NUMBER	AWG. SIZE	COND. STRAND	NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS <sup>(2)</sup>	APPROX. NET WT. LBS/M <sup>(6)</sup>
			INCHES	mm	INCHES	mm		
<b>77493*</b>	18	16/30	0.030	0.76	0.180	4.57	7	19
<b>77483*</b>	16	26/30	0.030	0.76	0.200	5.08	10	25
<b>77473*</b>	14	41/30	0.045	1.14	0.240	6.09	15	40
<b>77463*</b>	12	65/30	0.045	1.14	0.265	6.60	20	50
<b>77453*</b>	10	104/30	0.045	1.14	0.305	7.75	25	75

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

<sup>(2)</sup>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>(6)</sup>Actual shipping weight may vary.

**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 90C P-123-MSHA

**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

**Industry Approvals:**

- MSHA Approved
- RoHS Compliant

**Packaging:**

- Lengths cut to order