

# Super Vu-Tron® Supreme Types SJOOW/SOOW with GenClean® Jacket 105°C, 300 and 600 Volt, UL/CSA Portable Cord



**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 with GenClean® technology
- 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 FEATURING GENCLEAN® JACKET (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 FEATURING GENCLEAN® JACKET (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)

**Target Applications/Markets:**

- Food/beverage manufacturing
- Marine manufacturing
- Manufactured structures
- Severe environments OEM/MRO applications
- Dockside power
- Machine and power tools
- Motor lead
- Portable machinery
- Cranes
- Submersible pumps
- Where water immersion is required

**Features:**

- Cleanable rubber jacket
- Reduced scuffing
- 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.



**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	64	15	1000'
02605	3	16	65/34	.057"	0.030	0.76	0.335	8.51	13	77	22	250'
02606	4	16	65/34	.057"	0.030	0.76	0.370	9.40	10	98	29	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	82	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	82	15	250'
02635	3	16	65/34	0.030	0.76	0.395	10.03	13	96	22	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	37	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	173	36	250'
02639	4	14	105/34	0.045	1.14	0.575	14.61	15	211	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	232	57	250'
02643	4	12	168/34	0.045	1.14	0.650	16.51	20	267	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	302	99	250'
02646	4	10	259/34	0.045	1.14	0.710	18.03	25	413	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**

SUPER VU-TRON® SUPREME WITH GENCLEAN® JACKET IS RESISTANT TO THE FOLLOWING MATERIALS:*		
<b>SUPERIOR:</b> AMMONIA HYDROXIDE ASTM 3 OIL BEER BLEACH WATER BUTYL ALCOHOL CORN OIL FORMALDEHYDE GLYCOL (ANTI-FREEZE) HYDROCHLORIC ACID (20%)	<b>SUPERIOR:</b> JP-4 KEROSENE FLAXSEED OIL LUBE OIL MILK NITRIC ACID (10%) SAE 30 OIL SKYDROL 500 SODIUM HYDROXIDE SULFURIC ACID (10%) WATER	<b>EXCELLENT:</b> ACETIC ACID (30%) TOLUENE UNLEADED GAS

\*Cord was soaked 28 days at room temperature in each material.

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

† Green conductor for grounding only. Ampacities based on NEC Table 400.5(A)(1).

(S) 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

