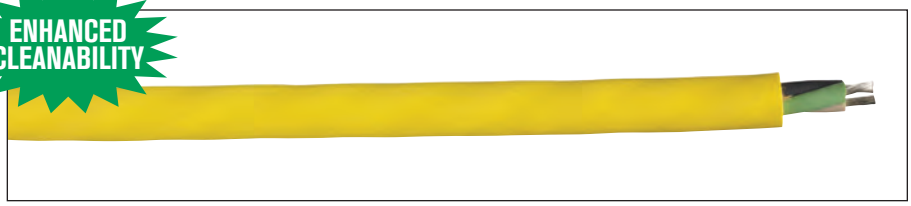
Super Vu-Tron® Supreme Types SJOOW/SOOW with GenClean™

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

Featuring GenClean™ Jacket

ENHANCED CLEANABILITY



Product Construction:

Conductors:
- 18 through 10 AWG fully annealed stranded tinned copper

Insulation:
- Premium-grade, color-coded, oil-resistant 105°C EPDM
- European 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 (SIZE) (mm^2) 105°C (UL) WATER RESISTANT SJOOW CSA (-50°C) FT1 --- P-123-103 MSHA 300 VOLT ROHS MADE IN USA (TRU-MARK SEQUENTIAL FOOTAGE)
- SUPER VU-TRON® SUPREME SOOW - CAROL SUPER VU-TRON® SUPREME (SIZE) (mm^2) 105°C (UL) WATER RESISTANT SOOW CSA (-50°C) FT1 --- P-123-103 MSHA 600 VOLT ROHS MADE IN USA (TRU-MARK SEQUENTIAL FOOTAGE)

Target Applications/Markets:
- Food/Beverage Manufacturing
- Marine Manufacturing
- Manufactured Structures
- Severe Environments

Features:
- Excellent flexibility in cold temperatures
- Lasts longer in flex applications (extra-flexible Class M stranding)
- Integral Flexfill®
- Enhanced cleanability
- Reduced scuffing
- 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'(S)	COPPER WT. LBS/M'	STD. CTN.
					INCHES	mm	INCHES	mm				
GC601	2	18	41/34	.048"	0.030	0.76	0.310	7.87	10	56	10	1000'
GC602	3	18	41/34	.048"	0.030	0.76	0.320	8.13	10	66	15	1000'
GC603	4	18	41/34	.048"	0.030	0.76	0.345	8.76	7	79	20	250'
GC604	2	16	65/34	.061"	0.030	0.76	0.315	8.00	13	62	16	1000'
GC605	3	16	65/34	.061"	0.030	0.76	0.335	8.51	13	77	24	250'
GC606	4	16	65/34	.061"	0.030	0.76	0.370	9.40	10	98	32	250'
GC607	2	14	105/34	.077"	0.030	0.76	0.370	9.40	18	75	24	250'
GC608	3	14	105/34	.077"	0.030	0.76	0.375	9.53	18	99	36	250'
GC609	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'(S)	COPPER WT. LBS/M'	STD. CTN.
				INCHES	mm	INCHES	mm				
GC631*	2	18	41/34	0.030	0.76	0.365	9.27	10	75	10	250'
GC632	3	18	41/34	0.030	0.76	0.375	9.53	10	84	15	250'
GC633*	4	18	41/34	0.030	0.76	0.400	10.16	7	110	21	250'
GC634	2	16	65/34	0.030	0.76	0.370	9.40	13	80	16	250'
GC635	3	16	65/34	0.030	0.76	0.395	10.03	13	96	24	250'
GC636	4	16	65/34	0.030	0.76	0.425	10.80	10	118	32	250'
GC621	5	16	65/34	0.030	0.76	0.515	13.08	8	166	40	250'
GC637*	2	14	105/34	0.045	1.14	0.510	12.95	18	153	24	250'
GC638	3	14	105/34	0.045	1.14	0.525	13.34	18	164	36	250'
GC639	4	14	105/34	0.045	1.14	0.575	14.61	15	204	48	250'
GC622*	5	14	105/34	0.045	1.14	0.675	17.15	12	279	60	250'
GC641*	2	12	168/34	0.045	1.14	0.590	14.99	25	198	38	250'
GC642	3	12	168/34	0.045	1.14	0.600	15.24	25	224	57	250'
GC643	4	12	168/34	0.045	1.14	0.650	16.51	20	270	76	250'
GC623*	5	12	168/34	0.045	1.14	0.730	18.54	16	308	96	250'
GC645	3	10	259/34	0.045	1.14	0.660	16.76	30	295	99	250'
GC646	4	10	259/34	0.045	1.14	0.710	18.03	25	365	132	250'
GC624*	5	10	259/34	0.045	1.14	0.770	19.56	20	422	168	250'

* 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.

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		

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

General Cable

Made in U.S.A.

RoHS Compliant Directive 2002/95/EC

MSHA Mine Safety and Health Administration

OSHA Acceptable Occupational Safety and Health Administration

Certified Canadian Standard Association

UL LISTED

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