



## *Take it to the Extreme with* ***SUPER VU-TRON® SUPREME***

- Super-tough construction can withstand daily abuse, temperature extremes and high-stress industrial environments.
- Class M stranding (34 AWG) on all constructions for maximum flexibility.
- Tinned copper conductors for enhanced soldering performance and corrosion resistance.
- Durable jacket is now printed with TRU-Mark® sequential footage marking, RoHS compliance, and CE Mark on 10 and 12 AWG SOOW.

***Go ahead, freeze it, heat it, beat it and mistreat it...  
you can't defeat it.***



**CAROL  
BRAND**

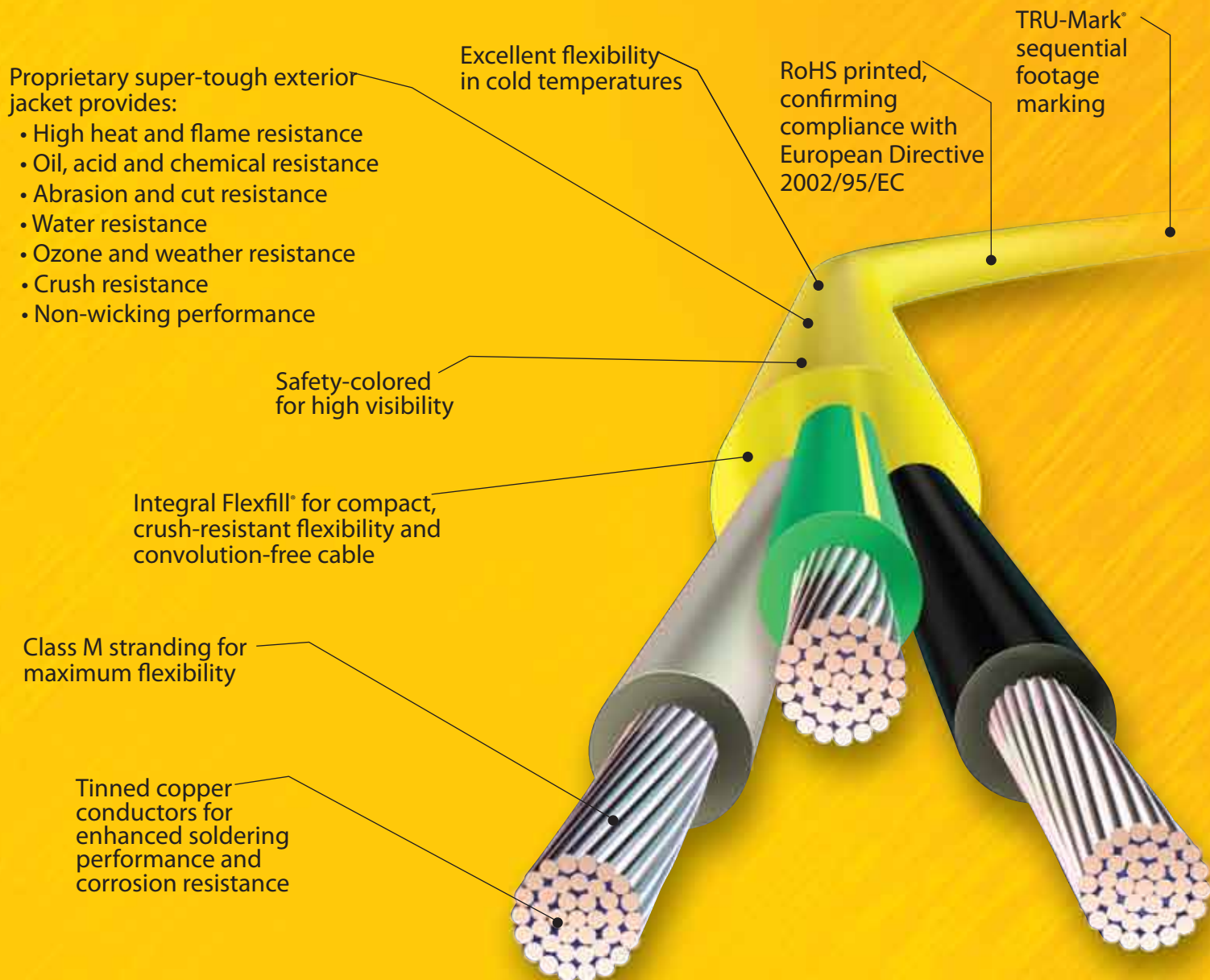
**CORD**PRODUCTS

# **SUPER VU-TRON® SUPREME**

## *Types SJ00W/S00W*



***When you require superior portable power cable for the best-quality performance, use General Cable's Carol® Brand Super Vu-Tron® Supreme cable — manufactured with all the features and benefits you would expect for extreme applications.***



Proprietary super-tough exterior jacket provides:

- High heat and flame resistance
- Oil, acid and chemical resistance
- Abrasion and cut resistance
- Water resistance
- Ozone and weather resistance
- Crush resistance
- Non-wicking performance

Excellent flexibility in cold temperatures

RoHS printed, confirming compliance with European Directive 2002/95/EC

TRU-Mark® sequential footage marking

Safety-colored for high visibility

Integral Flexfill® for compact, crush-resistant flexibility and convolution-free cable

Class M stranding for maximum flexibility

Tinned copper conductors for enhanced soldering performance and corrosion resistance





## Applications:

### Conductors:

- 18 through 10 AWG fully annealed stranded tinned copper per ASTM B-174

### Insulation:

- Premium-grade color-coded oil-resistant 105°C EPDM
- European Color Code: See chart below

### Jacket:

- Super Vu-Tron® Supreme, yellow
- Temperature range: -50°C to +105°C UL/CSA
- Voltage rating: 300 volts Type SJOOW, 600 volts Type SOOW

### Jacket Marking:

- CAROL SUPER VU-TRON® SUPREME (SIZE) (MM) 105°C (UL) WATER RESISTANT (TYPE) CSA -50°C FT-1 --- P-123-103 MSHA (VOLTS) ROHS MADE IN USA
- 10 and 12 AWG SOOW only: CAROL SUPER VU-TRON® SUPREME (SIZE) (MM) 105°C (UL) WATER RESISTANT (TYPE) CSA -50°C FT-1 --- P-123-103 MSHA (VOLTS) ROHS CE MADE IN USA

### Applications:

- Machine tools
- Power tools
- Dockside power applications
- Motor leads
- Portable machinery
- Cranes
- Submersible pumps

### Features:

- Excellent flexibility in cold temperatures
- Lasts longer in flex applications
- Integral Flexfill®
- Ozone- and weather-resistant
- UL Listed and CSA Certified for indoor and outdoor use
- Water-resistant
- Safety-colored
- High heat and flame resistance
- Resistant to oils, acids and chemicals
- Excellent abrasion and cut resistance
- TRU-Mark® sequential footage marking

### Industry Approvals:

- UL Flexible Cord - UL Subject 62
- CSA Flexible Cord - C22.2-49
- MSHA Approved
- OSHA Acceptable
- JC 580
- RoHS Compliant
- CE Mark on 10 and 12 AWG SOOW

### Packaging:

- 250' (76.2 m), 500' (152.4 m), 1000' (304.8 m)
- Other put-ups available on special order



GENERAL CABLE, CAROL BRAND, FLEXFILL, SUPER VU-TRON SUPREME and TRU-MARK are registered trademarks of General Cable Technologies Corporation.

©2011. General Cable Technologies Corporation. Highland Heights, KY 41076 All rights reserved.

Printed in USA

## TYPE SJOOW - 300 VOLT - UL/CSA

CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INS. THICKNESS		NOMINAL O.D.		CURRENT AMPST	APPROX. NET WEIGHT LBS/M <sup>(5)</sup>	STD. CTN.
				INCHES	mm	INCHES	mm			
02601	2	18	41/34	0.030	0.76	0.310	7.87	10	56	1000'
02602	3	18	41/34	0.030	0.76	0.320	8.13	10	65	1000'
02603	4	18	41/34	0.030	0.76	0.345	8.76	7	80	250'
02604	2	16	65/34	0.030	0.76	0.315	8.00	13	68	1000'
02605	3	16	65/34	0.030	0.76	0.335	8.51	13	80	250'
02606	4	16	65/34	0.030	0.76	0.370	9.40	10	95	250'
02607*	2	14	105/34	0.030	0.76	0.370	9.40	18	90	250'
02608	3	14	105/34	0.030	0.76	0.375	9.53	18	110	250'
02609	4	14	105/34	0.030	0.76	0.405	10.29	15	130	250'

## TYPE SOOW - 600 VOLT - UL/CSA

CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INS. THICKNESS		NOMINAL O.D.		CURRENT AMPST	APPROX. NET WEIGHT LBS/M <sup>(5)</sup>	STD. CTN.
				INCHES	mm	INCHES	mm			
02631*	2	18	41/34	0.030	0.76	0.365	9.27	10	75	250'
02632	3	18	41/34	0.030	0.76	0.375	9.53	10	80	250'
02633*	4	18	41/34	0.030	0.76	0.400	10.16	7	110	250'
02634	2	16	65/34	0.030	0.76	0.370	9.40	13	75	250'
02635	3	16	65/34	0.030	0.76	0.395	10.03	13	100	250'
02636	4	16	65/34	0.030	0.76	0.425	10.80	10	120	250'
02621*	5	16	65/34	0.030	0.76	0.515	13.08	8	150	250'
02637*	2	14	105/34	0.045	1.14	0.510	12.95	18	155	250'
02638	3	14	105/34	0.045	1.14	0.525	13.34	18	165	250'
02639	4	14	105/34	0.045	1.14	0.575	14.61	15	215	250'
02622*	5	14	105/34	0.045	1.14	0.675	17.15	12	285	250'
02641*	2	12	168/34	0.045	1.14	0.590	14.99	25	200	250'
02642	3	12	168/34	0.045	1.14	0.600	15.24	25	250	250'
02643	4	12	168/34	0.045	1.14	0.650	16.51	20	280	250'
02623*	5	12	168/34	0.045	1.14	0.730	18.54	16	315	250'
02645	3	10	259/34	0.045	1.14	0.660	16.76	30	320	250'
02646	4	10	259/34	0.045	1.14	0.710	18.03	25	375	250'
02624*	5	10	259/34	0.045	1.14	0.770	19.56	20	432	250'

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

† Green/yellow conductor for grounding only.

(5) Actual shipping weight may vary.

## COLOR CODE CHART

NO. OF COND.	COLOR
2	Black, White
3	Black, White, Green/Yellow
4	Black, White, Red, Green/Yellow
5	Black, White, Red, Orange, Green/Yellow

### 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		



4 Tesseneer Drive, Highland Heights, KY 41076-9753  
Phone: 1.800.243.8020 Fax: 1.859.572.9262  
www.generalcable.com