

# Super Vu-Tron® Supreme with GenClean® Our Best Cord Yet

CAROL®



## Specify Super Vu-Tron® Supreme with GenClean®

Super Vu-Tron Supreme, the cord that changed the industry features GenClean technology, enabling end users to benefit from this proprietary cleanable jacket technology. An outstanding solution for harsh-environment end markets such as the food and beverage industry, Super Vu-Tron Supreme with GenClean offers all the benefits and durability of rubber cord with a cleanable jacket that permits surface build-up to be more readily removed in a wash cycle.

This powerful technology combination is specifically designed to mitigate the environmental conditions conducive to surface build-up. The GenClean jacket has been proven with most solvents in the toughest of environments. Its super-tough jacket construction is built to withstand daily abuse, temperature extremes from -50°C to 105°C, and high-stress industrial environments. It is abrasion-, cut-, heat-, flame-, sunlight- and chemical-resistant. Super Vu-Tron Supreme also features stranded tinned copper conductors providing enhanced soldering performance and corrosion resistance.

A patented Flexfill® is integral to the overall design, adding crush resistance and durability to an already super-tough construction.

The full line of CAROL® Super Vu-Tron Supreme with GenClean products, complete with the high-visibility yellow jacket and the TRU-Mark® sequential footage marking system, is available nationally through authorized stocking distributors and distribution centers.

### Applications/Markets:

- Food/Beverage Manufacturing
- Marine Manufacturing
- Manufactured Structures
- Severe Environments

### Features:

- Smooth rubber jacket with enhanced cleanability
- High durability for longer life-cycle
- High performance in the harshest manufacturing environments
- Excellent flexibility in cold temperatures
- Resistant to oils, acids, chemicals, ozone and sunlight (UV)
- Abrasion- and cut-resistant
- High heat and flame resistance
- TRU-Mark Sequential Footage Marking System

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



## 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. Inches	Nom. Ins. Thickness		Jacket Nominal O.D.		Current Amps†	Approx. Net Wt. Lbs/M <sup>(5)</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 SJOOW – 300 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>(5)</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 (2%)	<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

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

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

(5) 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

