

**CAROL
BRAND**

SUPER VU-TRON® III

-50°C to +105°C Types SJ00W/S00W with Integral Flexfill®



- **Crush Resistant**
- **Extreme Temperature Range**
- **Non-wicking**
- **Super Tough**
- **Super Flexible**
- **Highly Visible**



Super Vu-Tron® III

The only cord tough enough to withstand daily abuse, temperature extremes and high-stress industrial environments. With super flexibility, super visibility and super dependability, **lifetime warranted Super Vu-Tron® III has earned its name!**

In addition to being completely weather-resistant, Super Vu-Tron® III is amazingly crush-resistant. Go ahead, test it out! You can't damage it even by driving a truck over it. Plus, the proprietary, vulcanized jacket material is virtually impossible to tear. And it's impervious to oil, water, ozone and chemicals.

Super Vu-Tron® III is about maximum safety as well as maximum performance.

It's easy to keep Super Vu-Tron® III cord in sight with its bright yellow jacket color. The cord is also permanently imprinted with indented identification on 14, 12 and 10 AWG sizes and surface printed on 18 and 16 AWG sizes—allowing for safe operation over a lifetime, a good thing to know when OSHA considerations need to be addressed.

Integral Flexfill® makes the difference—that's because it's extruded into the interstices of the cord instead of a filler material, creating a more compact cord with enhanced crush-resistance and flexibility. Integral Flexfill® also allows for a more consistent convolution-free product appearance, a major factor with rubber cord.

So twist it, bend it, roast it, freeze it, use it, abuse it! **Use Super Vu-Tron® III once, and you'll never trust anything else!**



BICCGeneral

SUPER VU-TRON® III Types SJOOW / SOOW

-50°C to +105°C 300 and 600 Volt UL / CSA Portable Cord

**CAROL
BRAND®**

Product Construction:

Conductors:

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

Insulation:

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

Jacket:

- Super Vu-Tron® III, 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® III (SIZE) 105°C (UL) WATER RESISTANT SJOOW (OR SOOW) CSA (-50°C) FT-1 P-123-103 MSHA-300 (OR 600) VOLT

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 resistant
- Resistant to oils, acids and chemicals
- Excellent abrasion and cut resistant

Industry Approvals:

- UL Flexible Cord - UL Subject 62
- CSA Flexible Cord - C22.2-49
- MSHA Approved
- OSHA Acceptable
- JC 580

Packaging:

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



TYPE SJOOW – 300 VOLT – UL/CSA

CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INS. THICKNESS		NOMINAL. O.D.		CURRENT AMPS†	APPROX. NET WEIGHT LBS/M ^(S)	STD. CTN.
				INCHES	mm	INCHES	mm			
02001	2	18	41/34	0.030	0.76	0.310	7.87	10	55	1000'
02002	3	18	41/34	0.030	0.76	0.320	8.12	10	56	1000'
02003*	4	18	41/34	0.030	0.76	0.345	8.76	7	80	250'
02004	2	16	65/34	0.030	0.76	0.330	8.38	13	68	1000'
02005	3	16	65/34	0.030	0.76	0.350	9.02	13	85	250'
02006	4	16	65/34	0.030	0.76	0.370	9.04	10	95	250'
02007*	2	14	41/30	0.030	0.76	0.370	9.40	18	85	250'
02008	3	14	41/30	0.030	0.76	0.390	9.91	18	110	250'
02009	4	14	41/30	0.030	0.76	0.420	10.67	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 AMPS†	APPROX. NET WEIGHT LBS/M ^(S)	STD. CTN.
				INCHES	mm	INCHES	mm			
02031*	2	18	41/34	0.030	0.76	0.365	9.27	10	75	250'
02032	3	18	41/34	0.030	0.76	0.380	9.65	10	80	250'
02033*	4	18	41/34	0.030	0.76	0.400	10.16	7	100	250'
02034	2	16	65/34	0.030	0.76	0.370	9.40	13	85	250'
02035	3	16	65/34	0.030	0.76	0.400	10.16	13	105	250'
02036	4	16	65/34	0.030	0.76	0.425	10.80	10	115	250'
02021*	5	16	65/34	0.030	0.76	0.515	13.08	8	150	250'
02037*	2	14	41/30	0.045	1.14	0.520	13.21	18	150	250'
02038	3	14	41/30	0.045	1.14	0.525	13.34	18	165	250'
02039	4	14	41/30	0.045	1.14	0.590	14.99	15	215	250'
02022*	5	14	41/30	0.045	1.14	0.675	17.15	12	285	250'
02041*	2	12	65/30	0.045	1.14	0.590	14.99	25	200	250'
02042	3	12	65/30	0.045	1.14	0.615	15.62	25	230	250'
02043	4	12	65/30	0.045	1.14	0.660	16.76	20	275	250'
02023*	5	12	65/30	0.045	1.14	0.730	18.54	16	315	250'
02045	3	10	104/30	0.045	1.14	0.680	17.27	30	305	250'
02046	4	10	104/30	0.045	1.14	0.740	18.80	25	375	250'
02024*	5	10	104/30	0.045	1.14	0.825	20.96	20	432	250'

* Non-stock item; minimum quantity purchase required.

† Green conductor for grounding only.

^(S) Actual shipping weight may vary.

COLOR CODE CHART

NO. OF CONDUCTORS	COLOR
2	Black, White
3	Black, White, Green
4	Black, White, Red, Green
5	Black, White, Red, Orange, Green

Top performance in the toughest environments.

Volume change (%) of SUPER VU-TRON III 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	



OSHA Acceptable
Occupational Safety and Health
Administration



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