

Rubber Cord



Thermoset rubber cord products have evolved over the last 50 years from simple and unsophisticated to a product line where specialized, technologically advanced products are in demand for exacting commercial and industrial applications.

No longer are rubber cord products used only in applications where flexibility is needed; today typical applications require cord to perform well in environments of extreme heat and cold and on job sites and factory floors where resistance to oil, chemicals and abrasion is mandatory.

Prysmian's role, as the producer of the premiere CAROL® Brand rubber cord products, is to ensure that new product development, product innovation and quality not only keep pace with industry requirements but also set the trends.

Our rubber cord products carry a full range of listings and certifications with Underwriters Laboratories, Inc. and the Canadian Standard Association. In addition, many products meet or exceed the requirements of OSHA, MSHA and other relevant industry standards.

CAROL® is simply the most accepted in the industry, having proven itself on the job time after time. Our rubber cord line is the most comprehensive in the industry, ensuring that the proper Carol product can always be specified.

Super Vu-Tron® Supreme Types SJ00W/SO0W with GenClean® Jacket 105°C, 300 and 600 Volt, UL/CSA Portable Cord



TYPE SJ00W – 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				
02601	2	18	41/34	.048"	0.030	0.76	0.295	7.49	10	56	10	1000'
02602	3	18	41/34	.048"	0.030	0.76	0.310	7.87	10	66	15	1000'
02603	4	18	41/34	.048"	0.030	0.76	0.340	8.64	7	79	20	250'
02604	2	16	65/34	.057"	0.030	0.76	0.310	7.87	13	64	15	1000'
02605	3	16	65/34	.057"	0.030	0.76	0.330	8.38	13	77	22	250'
02606	4	16	65/34	.057"	0.030	0.76	0.360	9.14	10	98	29	250'
02607*	2	14	105/34	.077"	0.030	0.76	0.350	8.90	18	75	24	250'
02608	3	14	105/34	.077"	0.030	0.76	0.370	9.40	18	99	36	250'
02609	4	14	105/34	.077"	0.030	0.76	0.410	10.41	15	122	48	250'

TYPE SO0W – 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				
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	0.370	9.40	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	0.390	9.90	13	96	22	250'
02636	4	16	65/34	0.030	0.76	0.420	10.67	10	118	32	250'
02621	5	16	65/34	0.030	0.76	0.500	12.70	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	0.540	13.72	18	173	36	250'
02639	4	14	105/34	0.045	1.14	0.585	14.76	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	0.615	15.62	25	232	57	250'
02643	4	12	168/34	0.045	1.14	0.665	16.89	20	267	76	250'
02623*	5	12	168/34	0.045	1.14	0.710	18.03	16	308	96	250'
02645	3	10	259/34	0.045	1.14	0.680	17.27	30	302	99	250'
02646	4	10	259/34	0.045	1.14	0.735	18.67	25	413	132	250'
02624*	5	10	259/34	0.045	1.14	0.790	20.07	20	422	168	250'

TOP PERFORMANCE IN THE TOUGHEST ENVIRONMENTS

SUPER VU-TRON® SUPREME WITH GENCLEAN® JACKET IS RESISTANT TO THE FOLLOWING MATERIALS:*

SUPERIOR:	SUPERIOR:	EXCELLENT:
AMMONIA	JP-4	ACETIC ACID (30%)
HYDROXIDE	KEROSENE	TOLUENE
ASTM 3 OIL	FLAXSEED OIL	UNLEADED GAS
BEEF	LUBE OIL	
BLEACH WATER	MILK	
BUTYL ALCOHOL	NITRIC ACID (10%)	
CORN OIL	SAE 30 OIL	
FORMALDEHYDE	SKYDROL 500	
GLYCOL	SODIUM	
(ANTI-FREEZE)	HYDROXIDE	
HYDROCHLORIC	SULFURIC ACID	
ACID (20%)	WATER	

*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

Product Construction:

Conductors:

- 18 through 10 AWG fully annealed class M 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 SJ00W 600 volts Type SO0W

Jacket Marking:

- Print type: Inkjet
- SUPER VU-TRON® SUPREME SJ00W - PRYSMIAN CAROL® SUPER VU-TRON® SUPREME FEATURING GENCLEAN® JACKET (SIZE) (mm²) 105°C (UL) WATER RESISTANT SJ00W CSA (-50°C) FT1 --- P-07-KA120015-MSHA 300 VOLT ROHS ORIGIN USA
- SUPER VU-TRON® SUPREME SO0W - PRYSMIAN CAROL® SUPER VU-TRON® SUPREME FEATURING GENCLEAN® JACKET (SIZE) (mm²) 105°C (UL) WATER RESISTANT SO0W CSA (-50°C) FT1 --- P-07-KA120015-MSHA 600 VOLT ROHS ORIGIN USA

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
- 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.



Carolprene® Jacketed Types SOOW/SJOOW

90°C, 300 and 600 Volt, UL/CSA Portable Cord

Product Construction:

Conductors:

- 18 through 10 AWG fully annealed stranded bare copper

Insulation:

- Premium-grade, color-coded 90°C EPDM
- Color code: See chart below

Jacket:

- Yellow Carolprene®
- Temperature range: -40°C to +90°C

Jacket Marking:

- Print type: Inkjet
- PRYSMIAN CAROL® (SIZE) (mm²) 90°C (UL) WATER RESISTANT SJOOW CSA (-40°C) FT2 P-7K-123033 MSHA 300 VOLT ROHS ORIGIN USA
- PRYSMIAN CAROL® (SIZE) (mm²) 90°C (UL) WATER RESISTANT SOOW CSA (-40°C) FT2 P-7K-123033 MSHA 600 VOLT ROHS ORIGIN USA

Applications:

- Portable tools and equipment
- Portable appliances
- Small motors and associated machinery
- Food processing plants and equipment
- Marinas/docks
- Shipyards
- OEM/MRO
- OSHA VPP safety
- Construction site power
- Industrial plants
- Mining

Features:

- Excellent resistance to oil and moisture
- Good tensile strength, elongation and aging characteristics
- High flexibility
- Excellent abrasion resistance
- Water-resistant*
- UL Listed and CSA Certified for indoor and outdoor use
- Ozone-, sunlight (UV)- and weather-resistant

Industry Approvals:

- UL Flexible Cord - UL 62
- CSA Flexible Cord - C22.2-49
- MSHA Approved
- RoHS Compliant

Packaging:

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

*Suitable for immersion in water if properly sealed and terminated.



YELLOW HIGH-VISIBILITY – TYPE SJOOW – 300 VOLT – 90°C – UL/CSA

CATALOG NUMBER	NO. OF COND	AWG SIZE	COND. STRAND	NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS†	APPROX. NET WT. LBS/M ⁽⁵⁾	STD. CTN.
				INCHES	mm	INCHES	mm			
01411	3	18	16/30	0.030	0.76	0.305	7.75	10	63	1000'
01444	4	18	16/30	0.030	0.76	0.335	8.51	7	76	250'
01442	3	16	26/30	0.030	0.76	0.340	8.64	13	76	250'
01443	4	16	26/30	0.030	0.76	0.365	9.27	10	95	250'
01460	3	14	41/30	0.030	0.76	0.365	9.27	18	106	250'
01464	4	14	41/30	0.030	0.76	0.400	10.16	15	121	250'
01480	3	12	65/30	0.030	0.76	0.440	11.18	25	146	250'
01481	4	12	65/30	0.030	0.76	0.475	12.07	20	185	250'
01483	3	10	104/30	0.045	1.14	0.580	14.73	30	242	250'
01484	4	10	104/30	0.045	1.14	0.655	16.64	25	304	250'

YELLOW HIGH-VISIBILITY – TYPE SOOW – 600 VOLT – 90°C – UL/CSA

CATALOG NUMBER	NO. OF COND	AWG SIZE	COND. STRAND	NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS†	APPROX. NET WT. LBS/M ⁽⁵⁾	STD. CTN.
				INCHES	mm	INCHES	mm			
02469	3	18	16/30	0.030	0.76	0.365	9.27	10	84	250'
02470	4	18	16/30	0.030	0.76	0.390	9.91	7	101	250'
02465	3	16	26/30	0.030	0.76	0.400	10.16	13	103	250'
02466	4	16	26/30	0.030	0.76	0.430	10.92	10	119	250'
02462	3	14	41/30	0.045	1.14	0.530	13.46	18	172	250'
02468	4	14	41/30	0.045	1.14	0.575	14.61	15	208	250'
02425	3	12	65/30	0.045	1.14	0.610	15.49	25	229	250'
02426	4	12	65/30	0.045	1.14	0.660	16.76	20	280	250'
02428	3	10	104/30	0.045	1.14	0.655	16.64	30	295	250'
02427	4	10	104/30	0.045	1.14	0.710	18.03	25	353	250'

Cord furnished with UL and CSA labels.

† 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
3	Black, White, Green
4	Black, White, Red, Green

Carolprene® Jacketed Type SOOW

90°C, 600 Volt, UL/CSA Portable Cord



TYPE SOOW – 600 VOLT – UL/CSA

CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS†	APPROX. NET WT. LBS/M ^(§)	STD. CTN.
				INCHES	mm	INCHES	mm			
02763	2	18	16/30	0.030	0.76	0.350	8.89	10	65	250'
02769	3	18	16/30	0.030	0.76	0.365	9.27	10	80	250'
02770	4	18	16/30	0.030	0.76	0.395	10.03	7	94	250'
02722	2	16	26/30	0.030	0.76	0.380	9.65	13	77	250'
02765	3	16	26/30	0.030	0.76	0.400	10.16	13	94	250'
02766	4	16	26/30	0.030	0.76	0.430	10.92	10	114	250'
02723	2	14	41/30	0.045	1.14	0.505	12.83	18	154	250'
02762	3	14	41/30	0.045	1.14	0.530	13.46	18	171	250'
02768	4	14	41/30	0.045	1.14	0.575	14.61	15	209	250'
02724	2	12	65/30	0.045	1.14	0.580	14.73	25	168	250'
02725	3	12	65/30	0.045	1.14	0.610	15.49	25	223	250'
02726	4	12	65/30	0.045	1.14	0.660	16.76	20	276	250'
02767	2	10	104/30	0.045	1.14	0.620	15.75	30	230	250'
02728	3	10	104/30	0.045	1.14	0.680	17.27	30	289	250'
02727	4	10	104/30	0.045	1.14	0.710	18.03	25	351	250'
16063	3	8	133/29	0.060	1.52	0.855	21.72	40	450	250'
16064	4	8	133/29	0.060	1.52	0.960	24.38	35	580	250'
16065	5	8	133/29	0.060	1.52	1.050	26.67	28	700	250'
16073	3	6	133/27	0.060	1.52	0.980	24.89	55	637	250'
16074	4	6	133/27	0.060	1.52	1.090	27.69	45	830	250'
16075	5	6	133/27	0.060	1.52	1.190	30.23	36	1015	250'
16083	3	4	133/25	0.060	1.52	1.140	28.96	70	926	250'
16084	4	4	133/25	0.060	1.52	1.260	32.00	60	1145	250'
16085	5	4	133/25	0.060	1.52	1.325	33.66	48	1419	250'
16093	3	2	133/23	0.060	1.52	1.330	33.78	95	1367	250'
16094	4	2	133/23	0.060	1.52	1.460	37.08	80	1699	250'
16095*	5	2	133/23	0.060	1.52	1.580	40.13	64	2066	250'

Cord furnished with UL and CSA labels.

* Non-stock item; minimum quantity purchase required.

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

§ Actual shipping weight may vary.

Product Construction:

Conductors:

- 18 through 2 AWG fully annealed class K stranded bare copper

Insulation:

- Premium-grade, color-coded 90°C EPDM
- Color code: See chart below

Jacket:

- Carolprene®, black
- Temperature range: -40°C to +90°C

Jacket Marking:

- Print type: Inkjet
- PRYSMIAN CAROL® (SIZE) (mm²) 90°C (UL) WATER RESISTANT SOOW CSA (-40°C) FT2 P-7K-123033 MSHA 600 VOLT ROHS ORIGIN USA

Applications:

- Portable tools and equipment
- Portable appliances
- Small motors and associated machinery

Features:

- Excellent resistance to oil and moisture
- Good tensile strength, elongation and aging characteristics
- High flexibility
- Excellent abrasion resistance
- Water-resistant*
- UL Listed and CSA Certified for indoor and outdoor use
- Ozone-, sunlight (UV)- and weather-resistant

Industry Approvals:

- UL Flexible Cord - UL 62
- CSA Flexible Cord - C22.2-49
- MSHA Approved
- 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.

COLOR CODE CHART

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



Carolprene® Jacketed Type SJOOW

90°C, 300 Volt, UL/CSA Portable Cord

Product Construction:

Conductors:

- 18 through 10 AWG fully annealed stranded bare copper

Insulation:

- Premium-grade, color-coded 90°C EPDM
- Color code: See chart below

Jacket:

- Carolprene®, black
- Temperature range: -40°C to +90°C

Jacket Marking:

- Print type: Inkjet
- PRYSMIAN CAROL® (SIZE) (mm²) 90°C (UL) WATER RESISTANT SJOOW CSA (-40°C) FT2 P-7K-123033 MSHA 300 VOLT ROHS ORIGIN USA

Applications:

- Portable tools and equipment
- Portable appliances
- Small motors and associated machinery

Features:

- Excellent resistance to oil and moisture
- Good tensile strength, elongation and aging characteristics
- High flexibility
- Excellent abrasion resistance
- Water-resistant*
- UL Listed and CSA Certified for indoor and outdoor use
- Ozone-, sunlight (UV)- and weather-resistant

Industry Approvals:

- UL Flexible Cord - UL 62
- CSA Flexible Cord - C22.2-49
- MSHA Approved
- 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	NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS†	APPROX. NET WT. LBS/M ⁽⁵⁾	STD. CTN.
				INCHES	mm	INCHES	mm			
01310	2	18	16/30	0.030	0.76	0.290	7.37	10	46	1000'
01311	3	18	16/30	0.030	0.76	0.305	7.75	10	60	1000'
01344	4	18	16/30	0.030	0.76	0.335	8.51	7	72	250'
01312	2	16	26/30	0.030	0.76	0.320	8.13	13	56	1000'
01342	3	16	26/30	0.030	0.76	0.340	8.64	13	72	250'
01343	4	16	26/30	0.030	0.76	0.370	9.40	10	89	250'
01358	2	14	41/30	0.030	0.76	0.340	8.64	18	75	250'
01360	3	14	41/30	0.030	0.76	0.365	9.27	18	100	250'
01364	4	14	41/30	0.030	0.76	0.400	10.16	15	128	250'
01379	2	12	65/30	0.030	0.76	0.415	10.54	25	108	250'
01380	3	12	65/30	0.030	0.76	0.440	11.18	25	136	250'
01381	4	12	65/30	0.030	0.76	0.480	12.19	20	177	250'
01382*	2	10	104/30	0.045	1.14	0.550	13.97	30	190	250'
01383	3	10	104/30	0.045	1.14	0.585	14.86	30	236	250'
01384	4	10	104/30	0.045	1.14	0.640	16.26	25	296	250'

Cord furnished with UL and CSA labels.

* 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
4	Black, White, Red, Green

Carolprene® Jacketed Type SOOW

90°C, 600 Volt, Non-UL Portable Cord



TYPE SOOW, NON-UL – 600 VOLT

CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS†	APPROX. NET WT. LBS/M ⁽⁵⁾	STD. CTN.
				INCHES	mm	INCHES	mm			
01811*	2	8	65/26	0.050	1.27	0.660	16.76	40	278	250'
01812	3	8	65/26	0.050	1.27	0.710	18.03	40	343	250'
01827	4	8	65/26	0.050	1.27	0.775	19.69	35	442	250'
98267	5	8	65/26	0.050	1.27	0.855	21.72	28	542	250'
01825	3	6	101/26	0.050	1.27	0.775	19.69	55	482	250'
01824	4	6	101/26	0.050	1.27	0.870	22.10	45	599	250'
98270	5	6	101/26	0.050	1.27	0.960	24.38	36	750	250'
01823*	2	4	119/25	0.050	1.27	0.870	22.09	70	515	250'
01822	3	4	119/25	0.050	1.27	0.935	23.75	70	683	250'
01821	4	4	119/25	0.050	1.27	1.025	26.04	60	851	250'
98463	5	4	119/25	0.050	1.27	1.130	28.70	48	1039	250'
01819	3	2	133/.0211	0.055	1.40	1.060	26.92	95	1003	250'
01818	4	2	133/.0211	0.055	1.40	1.160	29.46	80	1248	250'
98187	5	2	133/.0211	0.055	1.40	1.365	34.67	64	1684	250'

* 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.

Product Construction:

Conductors:

- 8 through 2 AWG fully annealed stranded bare copper

Insulation:

- Premium-grade, color-coded 90°C EPDM
- Color code: See chart below

Jacket:

- Carolprene®, black
- Temperature range: -40°C to +90°C

Jacket Marking:

- Print type: Inkjet
- PRYSMIAN CAROL® (SIZE) TYPE SOOW
90°C P-7K-123033 MSHA 600 VOLT ROHS
ORIGIN USA

Applications:

- Portable tools and equipment
- Temporary and portable power
- Motors and associated machinery

Features:

- Excellent resistance to oil and moisture
- Good tensile strength, elongation and aging characteristics
- High flexibility
- Excellent abrasion resistance
- Ozone-, sunlight (UV)- and weather-resistant
- Water-resistant*

Industry Approvals:

- MSHA Approved
- 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.

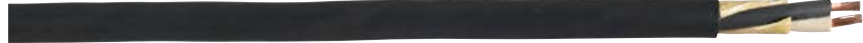
COLOR CODE CHART

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

Carolprene® Type SVO

90°C, 300 Volt, UL/CSA Portable Cord

Product Construction:



Conductors:

- 18 AWG fully annealed stranded bare copper

Insulation:

- Premium-grade, color-coded 90°C EPDM
- Color code: See chart below

Jacket:

- Carolprene®, black
- Temperature range: -20°C to +90°C

Jacket Marking:

- Print type: Inkjet
- PRYSMIAN CAROL® (SIZE) (mm²) TYPE SVO 90°C (UL) --- CSA TYPE SVO FT2 300 VOLT ROHS ORIGIN USA

Applications:

- Vacuum cleaners
- Light-duty equipment
- Office equipment

Features:

- Maintains flexibility in cold temperatures
- Resistant to oil and moisture
- Good tensile strength, elongation and aging characteristics
- Excellent flex life
- Ozone-, sunlight (UV)- and weather-resistant

Industry Approvals:

- UL Flexible Cord - UL 62
- CSA Flexible Cord - C22.2-49
- RoHS Compliant

Packaging:

- 250' (76.2 m)
- Other sizes and put-ups available on special order
- 4C cables available as UL recognized AWM as special order

TYPE SVO – 300 VOLT – UL/CSA

CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS†	APPROX. NET WT. LBS/M ^(S)	STD. CTN.
				INCHES	mm	INCHES	mm			
13002	2	18	41/34	0.015	0.38	0.230	5.84	10	34	1000'
13003	3	18	41/34	0.015	0.38	0.240	6.10	10	40	1000'

† 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

Super Vu-Tron® Multi-Conductor Type SOOW

90°C, 600 Volt, UL/CSA Portable Cord



TYPE SOOW – 600 VOLT – UL/CSA

CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS [†]	APPROX. NET WT. LBS/M ⁽⁵⁾
				INCHES	mm	INCHES	mm		
09805	5	18	16/30	0.030	0.76	0.470	11.94	5.6	131
09806	6	18	16/30	0.030	0.76	0.500	12.70	5.6	142
09807	7	18	16/30	0.030	0.76	0.545	13.84	5.6	161
09808	8	18	16/30	0.030	0.76	0.545	13.84	4.9	173
09810	10	18	16/30	0.030	0.76	0.615	15.62	4.9	221
09812	12	18	16/30	0.030	0.76	0.620	15.75	3.5	235
09814	14	18	16/30	0.030	0.76	0.650	16.51	3.5	262
09816	16	18	16/30	0.030	0.76	0.720	18.29	3.5	306
09818*	18	18	16/30	0.030	0.76	0.760	19.30	3.5	341
09820	20	18	16/30	0.030	0.76	0.815	20.70	3.5	377
09822*	22	18	16/30	0.030	0.76	0.830	21.08	3.1	400
09824	24	18	16/30	0.030	0.76	0.870	22.10	3.1	453
09827*	27	18	16/30	0.030	0.76	0.885	22.48	3.1	475
09830*	30	18	16/30	0.030	0.76	0.935	23.75	3.1	524
09605	5	16	26/30	0.030	0.76	0.510	12.95	8.0	152
09606	6	16	26/30	0.030	0.76	0.545	13.84	8.0	184
09607	7	16	26/30	0.030	0.76	0.555	14.10	8.0	210
09608	8	16	26/30	0.030	0.76	0.625	15.88	7.0	228
09609	9	16	26/30	0.030	0.76	0.625	15.88	7.0	255
09610	10	16	26/30	0.030	0.76	0.640	16.26	5.0	260
09612	12	16	26/30	0.030	0.76	0.680	17.27	5.0	319
09614	14	16	26/30	0.030	0.76	0.750	19.05	5.0	343
09616	16	16	26/30	0.030	0.76	0.760	19.30	5.0	367
09618*	18	16	26/30	0.030	0.76	0.790	20.07	5.0	405
09620	20	16	26/30	0.030	0.76	0.830	21.08	5.0	444
09622*	22	16	26/30	0.030	0.76	0.900	22.86	4.5	510
09624	24	16	26/30	0.030	0.76	0.945	24.00	4.5	547
09626*	26	16	26/30	0.030	0.76	0.985	25.00	4.5	611
09630	30	16	26/30	0.030	0.76	1.035	26.29	4.5	685

† Values shown are for current-carrying conductors. A grounding conductor, or one which carries only the unbalance current from other conductors, is NOT counted in determining current carrying capacity. Ampacities based on NEC Table 400.5(A)(1).

* Non-stock item; minimum quantity purchase required.

(5) Actual shipping weight may vary.

COLOR CODE CHART

NO. OF COND.	COLOR	TRACER	NO. OF COND.	COLOR	TRACER	NO. OF COND.	COLOR	TRACER
1	Black	—	8	Red	Black	15	Blue	White
2	White	—	9	Green	Black	16	Black	Red
3	Red	—	10	Orange	Black	17	White	Red
4	Green	—	11	Blue	Black	18	Orange	Red
5	Orange	—	12	Black	White	19	Blue	Red
6	Blue	—	13	Red	White	20	Red	Green
7	White	Black	14	Green	White	21	Orange	Green

Note: Colors repeat after 21 conductors.

Product Construction:

Conductors:

- 18 and 16 AWG fully annealed stranded bare copper

Insulation:

- Premium-grade, color-coded 90°C EPDM
- Color code: See chart below

Jacket:

- Super Vu-Tron® 90°C, black
- Temperature range: -40°C to +90°C

Jacket Marking:

- Print type: Inkjet
- PRYSMIAN CAROL® SUPER VU-TRON® (SIZE) (mm²) 90°C (UL) WATER RESISTANT SOOW CSA (-40°C) FT2 P-7K-123033 MSHA 600 VOLT ROHS ORIGIN USA

Applications:

- Control circuits
- Tools
- Heavy industrial, processing and construction equipment

Features:

- Extra-flexible stranding
- Abrasion-resistant
- Resists oils and solvents
- Flame-resistant
- Ozone-resistant
- 90°C rated conductors and jacket
- Water-resistant*
- UL Listed and CSA Certified for indoor and outdoor use
- Ozone-, sunlight (UV)- and weather-resistant

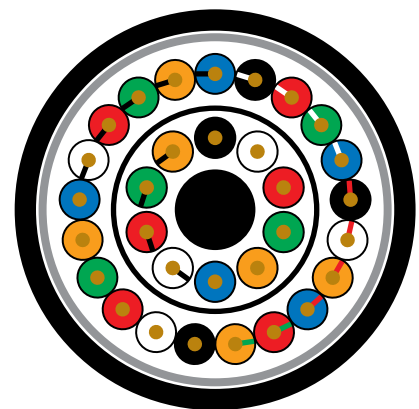
Industry Approvals:

- UL Flexible Cord - UL 62
- CSA Flexible Cord - C22.2-49
- MSHA Approved
- RoHS Compliant

Packaging:

- 5- through 8-conductor available on 250' (76.2 m), 500' (152.4 m), and 1000' (304.8 m) reels
- 9+ cond. available on long-length reels
- Other put-ups available on special order

*Suitable for immersion in water if properly sealed and terminated.



Super Vu-Tron® Multi-Conductor Type SOOW

90°C, 600 Volt, UL/CSA Portable Cord

Product Construction:

Conductors:

- 14 through 10 AWG fully annealed stranded bare copper

Insulation:

- Premium-grade, color-coded 90°C EPDM
- Color code: See chart below

Jacket:

- Super Vu-Tron® 90°C, black
- Temperature range: -40°C to +90°C

Jacket Marking:

- Print type: Inkjet
- PRYSMIAN CAROL® SUPER VU-TRON® (SIZE) (mm²) 90°C (UL) WATER RESISTANT SOOW CSA (-40°C) FT2 P-7K-123033 MSHA 600 VOLT ROHS ORIGIN USA

Applications:

- Control circuits
- Tools
- Heavy industrial, processing and construction equipment

Features:

- Extra-flexible stranding
- Abrasion-resistant
- Resists oils and solvents
- Flame-resistant
- Ozone-resistant
- 90°C rated conductors and jacket
- Water-resistant*
- UL Listed and CSA Certified for indoor and outdoor use
- Ozone-, sunlight (UV)- and weather-resistant

Industry Approvals:

- UL Flexible Cord - UL 62
- CSA Flexible Cord - C22.2-49
- MSHA Approved
- RoHS Compliant

Packaging:

- 5- through 8-conductor available on 250' (76.2 m), 500' (152.4 m), and 1000' (304.8 m) reels
- 9+ cond. available on long-length reels
- Other put-ups available on special order

*Suitable for immersion in water if properly sealed and terminated.

COLOR CODE CHART

NO. OF COND.	COLOR	TRACER	NO. OF COND.	COLOR	TRACER
1	Black	—	12	Black	White
2	White	—	13	Red	White
3	Red	—	14	Green	White
4	Green	—	15	Blue	White
5	Orange	—	16	Black	Red
6	Blue	—	17	White	Red
7	White	Black	18	Orange	Red
8	Red	Black	19	Blue	Red
9	Green	Black	20	Red	Green
10	Orange	Black	21	Orange	Green
11	Blue	Black			

Note: Colors repeat after 21 conductors. Refer to page 20 for color diagram.



TYPE SOOW – 600 VOLT – UL/CSA

CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS†	APPROX. NET WT. LBS/M ^(S)
				INCHES	mm	INCHES	mm		
09405	5	14	41/30	0.045	1.14	0.655	16.64	12.0	266
09406	6	14	41/30	0.045	1.14	0.705	17.91	12.0	313
09407	7	14	41/30	0.045	1.14	0.770	19.56	12.0	326
09408	8	14	41/30	0.045	1.14	0.805	20.45	10.5	366
09409*	9	14	41/30	0.045	1.14	0.830	21.10	10.5	419
09410	10	14	41/30	0.045	1.14	0.840	21.34	10.5	436
09412	12	14	41/30	0.045	1.14	0.875	22.23	7.5	516
09414	14	14	41/30	0.045	1.14	1.055	26.80	7.5	597
09416	16	14	41/30	0.045	1.14	1.055	26.80	7.5	658
09418*	18	14	41/30	0.045	1.14	1.100	27.94	7.5	720
09420	20	14	41/30	0.045	1.14	1.125	28.58	7.5	799
09424	24	14	41/30	0.045	1.14	1.260	32.00	6.7	998
09428*	28	14	41/30	0.045	1.14	1.350	34.29	6.7	1080
09430*	30	14	41/30	0.045	1.14	1.355	34.42	6.0	1146
09205	5	12	65/30	0.045	1.14	0.715	18.16	16.0	326
09206	6	12	65/30	0.045	1.14	0.770	19.56	16.0	362
09207	7	12	65/30	0.045	1.14	0.810	20.57	16.0	415
09208	8	12	65/30	0.045	1.14	0.845	21.46	14.0	464
09209	9	12	65/30	0.045	1.14	0.920	23.37	14.0	510
09210	10	12	65/30	0.045	1.14	0.970	24.64	14.0	602
09212	12	12	65/30	0.045	1.14	1.035	26.29	10.0	662
09214	14	12	65/30	0.045	1.14	1.045	26.54	10.0	724
09216	16	12	65/30	0.045	1.14	1.160	29.46	10.0	869
09218*	18	12	65/30	0.045	1.14	1.175	29.85	10.0	912
09220	20	12	65/30	0.045	1.14	1.195	30.35	10.0	977
09224	24	12	65/30	0.045	1.14	1.390	35.31	9.0	1236
09226	26	12	65/30	0.045	1.14	1.410	35.81	9.0	1309
09227*	27	12	65/30	0.045	1.14	1.420	36.07	9.0	1335
09228*	28	12	65/30	0.045	1.14	1.455	36.95	9.0	1375
09230	30	12	65/30	0.045	1.14	1.485	37.72	9.0	1512
09005	5	10	104/30	0.045	1.14	0.775	19.69	20.0	423
09006	6	10	104/30	0.045	1.14	0.840	21.34	20.0	508
09007	7	10	104/30	0.045	1.14	0.920	23.37	20.0	549
09008*	8	10	104/30	0.045	1.14	0.950	24.13	17.5	625
09010	10	10	104/30	0.045	1.14	1.045	26.54	17.5	755
09012	12	10	104/30	0.045	1.14	1.120	28.45	12.5	867
09016*	16	10	104/30	0.045	1.14	1.255	31.88	12.5	1142
09020*	20	10	104/30	0.045	1.14	1.395	35.43	12.5	1445

† Values shown are for current-carrying conductors. A grounding conductor, or one which carries only the unbalance current from other conductors, is NOT counted in determining current carrying capacity. Ampacities based on NEC Table 400.5(A)(1).

* Non-stock item; minimum quantity purchase required.

Ⓢ Actual shipping weight may vary.