

Specialty Cord



In today's world, the need for specialty cord products is constantly growing. Prysmian offers a full line of Carol® Brand Cord products to meet a wide range of specialized applications.

Specialty Cord includes a wide range of hook-up wire, heater cord, lamp cord and fixture wire.

Like Carol® Brand Rubber, Plastic and Industrial Cord products, these cables carry the latest regulatory listings and certifications with Underwriters Laboratories, Inc. and the Canadian Standard Association where applicable.

CarolGrene™ Ultra Flex® Jacketed Types EVJE, EVE, EVJT and EVT

105°C, 300 and 600 Volt, UL Electrical Vehicle Charging Cord



Product Construction:

Conductor:

- 18 through 6 AWG fully annealed stranded bare copper
- ASTM B3

Insulation:

- Premium-grade, color-coded 105°C Thermoplastic Elastomer for types EVJE & EVE
- PVC for types EVJT & EVT
- Color code: See chart below

Jacket:

- 105°C, black, Thermoplastic Elastomer for types EVJE & EVE
- 105°C, black, PVC for types EVJT & EVT
- Temperature range: -50°C to +105°C - TPE
-40°C to +105°C - PVC

Jacket Marking:

- Print type: Inkjet
- UL Type EV: CAROLGRENE™ ULTRA FLEX® ELECTRIC VEHICLE CABLE R2 -- (SIZE) E333326-8 (UL) EVE C(UL) EVE 105°C DRY 60°C WET 600V FT2 -- ROHS -- ORIGIN USA (DATE CODE)
- UL Type EVJE: CAROLGRENE™ ULTRA FLEX® ELECTRIC VEHICLE CABLE R2 -- (SIZE) E333326-8 (UL) EVE C(UL) EVE 105°C DRY 60°C WET 600V FT2 -- ROHS -- ORIGIN USA (DATE CODE)

Applications:

- Level 1 - 120 volt charging units
- Level 2 - 240 volt charging units
- Compatible with SAE J1772 EV plug standard
- UL 2594 and NEC 625 residential and commercial charging stations
- Ideal for charging electric vehicles (EV), neighborhood electric vehicles (NEV), battery electric vehicles (BEV), low-speed vehicles (LSV), personal electric vehicles (PEV), plug-in hybrid vehicles (PHV), and plug-in hybrid electric vehicles (PHEV)

Features:

- Superior flexibility (EVE & EVJE)
- Lightweight
- Water-resistant
- Oil-resistant jacket
- Excellent molding characteristics
- Suitable for immersion in water*
- UL Listed for outdoor use

Industry Approvals:

- UL 62 for Type EVE/EVJE/EVT/EVJT
- RoHS Compliant

Other AWG sizes, conductor counts, and put-ups available on special order.

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

CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOMINAL COND. O.D.		NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS ⁽¹⁾ (2)	APPROX. NET WT. LBS/M ⁽⁵⁾
				INCHES	mm	INCHES	mm	INCHES	mm		

TYPE EVJE, EVJT

EVJE163	3	16	26/30	0.061	1.55	0.030	0.76	0.361	9.17	13	75
	1	18	16/30	0.048	1.22	0.030	0.76				
EVJE143	3	14	41/30	0.077	1.96	0.030	0.76	0.390	9.91	18	95
	1	18	16/30	0.048	1.22	0.030	0.76				
EVJE123	3	12	65/30	0.096	2.44	0.030	0.76	0.454	11.53	25	130
	1	18	16/30	0.048	1.22	0.030	0.76				
EVJT143*	3	14	41/30	0.077	1.96	0.030	0.76	0.390	9.91	18	95
	1	18	16/30	0.048	1.22	0.030	0.76				
EVJT123*	3	12	65/30	0.096	2.44	0.030	0.76	0.454	11.53	25	130
	1	18	16/30	0.048	1.22	0.030	0.76				

TYPE EVE, EVT - 600 VOLT - UL

EVE1603	3	16	26/30	0.061	1.55	0.030	0.76	0.468	11.89	13	110
	1	18	16/30	0.048	1.22	0.030	0.76				
EVE1403	3	14	41/30	0.077	1.96	0.045	1.14	0.560	14.22	18	150
	1	18	16/30	0.048	1.22	0.030	0.76				
EVE1203	3	12	65/30	0.094	2.39	0.045	1.14	0.588	14.94	25	200
	1	18	16/30	0.048	1.22	0.030	0.76				
EVE1003	3	10	104/30	0.118	3.00	0.045	1.14	0.675	17.15	30	270
	1	18	16/30	0.048	1.22	0.030	0.76				
EVE0803	3	8	168/30	0.165	4.19	0.060	1.52	0.906	23.01	74	465
	1	18	16/30	0.048	1.22	0.030	0.76				
EVE0608	2	6	133/27	0.203	5.16	0.060	1.52	0.961	24.41	99	515
	1	8	133/29	0.160	4.06	0.060	1.52				
	1	18	16/30	0.048	1.22	0.030	0.76				
EVT1403*	3	14	41/30	0.077	1.96	0.045	1.14	0.560	14.22	18	150
	1	18	16/30	0.048	1.22	0.030	0.76				
EVT1203*	3	12	65/30	0.094	2.39	0.045	1.14	0.588	14.94	25	200
	1	18	16/30	0.048	1.22	0.030	0.76				

⁽¹⁾ Ampacities for 10 AWG and smaller cords based on 30°C ambient temperature per Table 400.5(A)(1) of the National Electrical Code®.
Ampacities for 8 AWG and larger cords based on 30°C ambient temperature per Table 400.5(A)(2) of the National Electrical Code®.

⁽²⁾ Green conductor for grounding only.

* Non-stock item; minimum quantity purchase required.

⁽⁵⁾ Actual shipping weight may vary.

COLOR CODE CHART

CONDUCTORS	COLORS
POWER	Black, White, Green
SIGNAL	Blue



CarolGrene™ Ultra Flex® Types EVJ and EV

90 °C, 300 and 600 Volt, UL Electrical Vehicle Charging Cord

Product Construction

Conductor:

- 18 through 4 AWG fully annealed stranded bare copper
- ASTM B3

Insulation:

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

Jacket:

- Carolprene® rubber, black

Jacket Marking:

- Print type: Inkjet
- UL Type EV - CAROLGRENE™ ELECTRIC VEHICLE (SIZE) (mm²) E333326 (UL) EV CSA 90°C DRY 60°C WET 600 V FT2 ROHS ORIGIN USA
- UL Type EVJ - CAROLGRENE™ ELECTRIC VEHICLE (SIZE) (mm²) E333326 (UL) EVJ CSA 90°C DRY 60°C WET 300 V FT2 ROHS ORIGIN USA

Applications:

- Level 1 - 120 volt charging units
- Level 2 - 240 volt charging units
- Compatible with SAE J1772 EV plug standard
- UL 2594 and NEC 625 residential and commercial charging stations.
- Ideal for charging electric vehicles (EV), neighborhood electric vehicles (NEV), battery electric vehicles (BEV), low-speed vehicles (LSV), personal electric vehicles (PEV), plug-in hybrid vehicles (PHV), and plug-in hybrid electric vehicles (PHEV)

Features:

- Superior flexibility in cold temperatures
- Lightweight
- Water-resistant
- Oil-resistant jacket
- 105°C rating also available
- Suitable for immersion in water*
- UL Listed for outdoor use

Industry Approvals:

- UL 62 for Type EV and EVJ
- RoHS Compliant

Other AWG sizes, conductor counts, and put-ups available on special order.

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

COLOR CODE CHART

CONDUCTORS	COLORS
POWER	Black, White, Green
SIGNAL	Blue



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOMINAL COND. O.D.		NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS ⁽¹⁾ (2)	APPROX. NET WT. LBS/M ⁽⁵⁾
				INCHES	mm	INCHES	mm	INCHES	mm		

TYPE EVJ - 300 VOLT - UL

EVJ163	3	16	26/30	0.061	1.55	0.030	0.76	0.360	9.14	13	85
	1	18	16/30	0.048	1.22	0.030	0.76				
EVJ143	3	14	41/30	0.072	1.83	0.030	0.76	0.390	9.91	18	110
	1	18	16/30	0.048	1.22	0.030	0.76				
EVJ123	3	12	65/30	0.094	2.39	0.030	0.76	0.455	11.56	25	155
	1	18	16/30	0.048	1.22	0.030	0.76				

TYPE EV - 600 VOLT - UL

EV1403	3	14	41/30	0.072	1.83	0.045	1.14	0.545	13.84	18	185
	1	18	16/30	0.048	1.22	0.030	0.76				
EV1203	3	12	65/30	0.094	2.39	0.045	1.14	0.580	14.73	25	220
	1	18	16/30	0.048	1.22	0.030	0.76				
EV1003	3	10	104/30	0.117	2.97	0.045	1.14	0.630	16.00	30	275
	1	18	16/30	0.048	1.22	0.030	0.76				
EV0803	3	8	168/30	0.160	4.06	0.060	1.52	0.885	22.48	74	465
	1	18	16/30	0.048	1.22	0.030	0.76				
EV0608*	2	6	133/27	0.203	5.16	0.060	1.52	0.985	25.02	99	570
	1	8	133/29	0.160	4.06	0.060	1.52				
	1	18	16/30	0.048	1.22	0.030	0.76				
EV0406	2	4	133/25	0.242	6.15	0.060	1.52	1.080	27.43	130	777
	1	6	133/27	0.203	5.16	0.060	1.52				
	1	18	16/30	0.048	1.22	0.030	0.76				

⁽¹⁾ Ampacities for 10 AWG and smaller cords based on 30 °C ambient temperature per Table 400.5(A)(1) of the National Electrical Code®.

⁽²⁾ Ampacities for 8 AWG and larger cords based on 30 °C ambient temperature per Table 400.5(A)(2) of the National Electrical Code®.

⁽³⁾ Green conductor for grounding only.

* Non-stock item; minimum quantity purchase required.

⁽⁵⁾ Actual shipping weight may vary.

CAROLGRENE™
UltraFlex®

Hook-Up Wire UL Types MTW, TFF, AWM and CSA TEW

90°C, 600 Volt, MTW, TFF, 105°C, 1000 Volt, AWM, 600 Volt TEW



UL TYPE MTW, AWM, TFF, CSA TYPE TEW

CATALOG NUMBER	AWG SIZE	COND. STRAND	NOMINAL INS. THICKNESS		NOMINAL O.D.		STOCK COLORS	APPROX. NET WT. LBS/M ⁽⁵⁾
			INCHES	mm	INCHES	mm		
76502	18	16/30	0.031	0.79	0.110	2.79	1-12	10
76512	16	26/30	0.031	0.79	0.123	3.12	1-12	14
76812	14	19/0147	0.031	0.79	0.136	3.45	1-12	20
76822	12	19/0185	0.031	0.79	0.155	3.94	1-7	28
76832	10	19/0234	0.031	0.79	0.176	4.47	1-5	42
76843	8	19/0295	0.045	1.14	0.242	6.15	1-5	72

⁽⁵⁾Actual shipping weight may vary.

Product Construction:

Conductor:

- 18 through 8 AWG fully annealed stranded bare copper

Insulation:

- Premium-grade, color-coded PVC
- Temperature range:
MTW: -40°C to +90°C
AWM: -40°C to +105°C
TEW: -30°C to +105°C
- Color code: See chart below

Jacket Marking:

- Print type: Inkjet
- 18 and 16 AWG: PRYSMIAN CAROL® (SIZE) 600V E135243-8 MTW (UL) OR AWM 1015/1335 OR 1000V AWM 1032 VW1 -- CSA 600V TEW 105°C FTI ROHS
- 14 through 8 AWG: PRYSMIAN CAROL® (SIZE) 600 V E135243-8 MTW (UL) OR AWM 1015/1336 OR 1000V AWM 1032 VW1 -- CSA 600V TEW 105°C FTI ROHS

Applications:

- Motor and transformer lead
- External wiring of machinery

Features:

- Outstanding oil, flame and moisture resistance
- Extra-flexible

Industry Approvals:

- UL Type MTW/AWM
- CSA TEW
- Passes VW-1 Vertical Flame Test
- OSHA Acceptable
- AWM Style 1015 – 18-8 AWG
- AWM Style 1335 – 18-10 AWG
- AWM Style 1336 – 8 AWG
- AWM Style 1032
- RoHS Compliant

Packaging:

- 18 and 16 AWG:
500' (152.4 m) spools
2500' (762 m) spools
- 14 through 10 AWG:
500' (152.4 m) spools
2500' (762 m) reels
- 8 AWG: 500' (152.4 m) reels
- Other put-ups available on special order

COLOR CODE CHART

STOCK COLORS	ORDERING SUFFIX	STOCK COLORS	ORDERING SUFFIX
Black	01	Orange	04
White	02	Brown	08
Red	03	Purple	19
Blue	07	Gray	10
Green	06	Pink	13
Yellow	05	Lt. Blue	16



Passes UL VW-1 Flame Test
Underwriters Laboratories, Inc.



Heavy Wall UL Types MTW, AWM, NEC Type THW and CSA TEW

90°C, 600 Volt

Product Construction:

Conductor:

- 6 and 4 AWG fully annealed stranded bare copper

Insulation:

- Premium-grade, color-coded PVC, black
- Temperature range:
MTW: -40°C to +90°C
AWM: -40°C to +105°C
TEW: -30°C to +105°C

Jacket Marking:

- Print type: Inkjet
- PRYSMIAN CAROL® (SIZE) 600 V E# MTW OR THW (UL) OR 1000 V AWM VW-1 --- CSA TEW 105°C FT1 ROHS ORIGIN USA

Applications:

- Motor and transformer lead
- External wiring of machinery

Features:

- Outstanding oil, flame and moisture resistance
- Extra-flexible

Industry Approvals:

- UL Type AWM
- UL and NMTBA Type MTW
- NEC Type THW
- CSA TEW
- Passes UL VW-1 Vertical Flame Test
- RoHS Compliant

Packaging:

- 500' (152.4 m) reels
- Other put-ups available on special order



AWM, MTW, THW - 600 VOLT - UL

CATALOG NUMBER	AWG SIZE	COND. STRAND	NOMINAL INS. THICKNESS		NOMINAL O.D.		APPROX. NET WT. LBS/M ⁽⁵⁾
			INCHES	mm	INCHES	mm	
76954	6	19/0372	0.064	1.63	0.315	8.00	110
76994	4	19/0469	0.065	1.65	0.365	9.27	150

⁽⁵⁾ Actual shipping weight may vary.

Lamp Cord Type SPT

60°C, 300 Volt, UL/CSA



TYPE SPT-1

CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOMINAL O.D.		CURRENT AMPS ⁽¹⁾	APPROX. NET WEIGHT LBS/M ⁽⁵⁾	JACKET COLOR CHART
				INCHES	mm	INCHES	mm			
02301	2	18	41/34	0.030	0.76	0.107	2.72	10	22	A
						X	X			
						0.210	5.330			
02304	2	18	41/34	0.030	0.76	0.107	2.72	10	22	D
						X	X			
						0.210	5.330			
02306	2	18	41/34	0.030	0.76	0.107	2.72	10	22	B
						X	X			
						0.210	5.330			

TYPE SPT-2

CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOMINAL O.D.		CURRENT AMPS ⁽¹⁾	APPROX. NET WEIGHT LBS/M ⁽⁵⁾	JACKET COLOR CHART
				INCHES	mm	INCHES	mm			
02303	2	16	65/34	0.045	1.14	0.155	3.94	13	37	A
						X	X			
						0.295	7.490			

⁽¹⁾ Ampacities based on NEC Table 400.5(A)(1).

⁽⁵⁾ Actual shipping weight may vary.

Product Construction:

Conductor:

- 18 and 16 AWG fully annealed bare or tinned copper

Insulation:

- Premium-grade, color-coded PVC
- Temperature range: -20°C to +60°C
- Color code: See chart below

Jacket Marking:

- Print type: Indent print
- (SIZE) SPT-1 E11368 60°C (UL)--CSA LL9993 FT2 --- 300 VOLT ROHS ORIGIN USA

Applications:

- Small appliances
- Lamps
- Radios
- Jukeboxes

Industry Approvals:

- UL Listed
- CSA Certified
- RoHS Compliant

Packaging:

- 250' (76.2 m) spools
- Other put-ups available on special order

JACKET COLOR CODE CHART

A	Black or White or Brown
B	Clear Silver (tinned copper)
C	Clear

Low-Voltage Landscape Lighting Wire

60°C, 150 Volt, UL; 60°C, 30 Volt, CSA



LOW-VOLTAGE LANDSCAPE LIGHTING WIRE - 150 VOLT - UL; 30 VOLT - CSA

CATALOG NUMBER	NO. OF COND.	AWG SIZE	NOM. INS. THICKNESS		NOMINAL O.D.		POWER RATING ⁽¹⁾			APPROX. NET WT. LBS/M ⁽⁵⁾
			INCHES	mm	INCHES	mm	VOLTS	AMPS	WATTS	
02309	2	16	0.045	1.14	0.155 X 0.296	3.94 X 7.52	150	13	1950	35
02310	2	14	0.045	1.14	0.170 X 0.354	4.32 X 8.99	150	18	2700	45
02311	2	12	0.045	1.14	0.190 X 0.385	4.83 X 9.78	150	25	3750	62
02312	2	10	0.045	1.14	0.200 X 0.400	5.08 X 10.16	150	30	4500	90
02313	2	8	0.060	1.52	0.270 X 0.550	6.86 X 13.97	150	55	8250	175

⁽¹⁾ Amps and watts are offered ONLY as a guide to the end user.

⁽⁵⁾ Actual shipping weight may vary.

Product Construction:

Conductor:

- 8 through 16 AWG fully annealed stranded bare copper per ASTM B3

Insulation:

- Premium-grade PVC, black
- Duplex parallel design for easy tear-down during installation
- Polarity ridge on one leg for positive circuit identification
- Temperature range: -20°C to +60°C

Jacket Marking:

- Print type: Indent print
- PRYSMIAN CAROL® (SIZE) UNDERGROUND LOW ENERGY CIRCUIT CABLE SUNLIGHT RESISTANT FOR LOW VOLTAGE OUTDOOR LIGHTING E# (UL) -- CSA LL# LVLL 30 V FT1

Applications:

- Low-voltage landscape lighting
- Low-voltage security lighting

Industry Approvals:

- UL Listed underground low-energy circuit cable
- UL Listed for outdoor applications
- UL Listed for direct burial applications
- CSA Approved
- RoHS Compliant

Packaging:

- 500' (513.4 m) spools
- Other put-ups available on special order

Low-Voltage Sprinkler Wire

60°C, 30 Volt, UL



LOW-VOLTAGE SPRINKLER WIRE - 30 VOLT - UL

CATALOG NUMBER	NO. OF COND.	AWG SIZE	LENGTH OF CORD (FEET)	POWER RATING ⁽¹⁾			APPROX. NET WT. LBS/M ⁽⁵⁾
				VOLTS	AMPS	WATTS	
23804	4	18	500	30	5.6	168	18
23805	5	18	500	30	5.6	168	22
23807	7	18	500	30	4.9	147	31
23810	10	18	500	30	3.5	105	44

⁽¹⁾ Amps and watts are offered ONLY as a guide to the end user.

⁽⁵⁾ Actual shipping weight may vary.

Product Construction:

Conductor:

- 18 AWG fully annealed solid bare copper per ASTM B3

Insulation:

- Premium-grade, color-coded PVC
- Premium-grade PE jacket, black
- Nylon rip cord to facilitate jacket removal
- Temperature range: -20°C to +60°C
- Color code: See chart below

Jacket Marking:

- Print type: Inkjet
- PRYSMIAN CAROL® (SIZE) 30 V SPRINKLER SYSTEMS WIRE - DIRECT BURIAL E54567-8 (UL)

Applications:

- Low-voltage golf course satellite sprinkler control
- Residential sprinkler solenoid control

Industry Approvals:

- UL Listed under a UL Miscellaneous Wire file
- UL Listed for outdoors applications
- UL Listed for direct burial applications
- RoHS Compliant

Packaging:

- 500' reels
- Other put-ups available on special order

COLOR CODE CHART

1	Black	4	Green	7	Blue	10	Purple
2	White	5	Orange	8	Brown		
3	Red	6	Yellow	9	Gray		