

# CAROLPRENE SOOW

90°C, 600 Volt, Non-UL Portable Cord



## PRODUCT CONSTRUCTION:

**Conductors:** 18 through 10 AWG fully annealed stranded bare copper

**Insulation:** Premium-grade, color-coded 90°C EPDM

**Jacket:** Yellow or Black Carolprene® · Temperature range: -40°C to +90°C

**Jacket Marking:** Inkjet · PRYSMIAN CAROL® (SIZE) (mm<sup>2</sup>) 90°C (UL) WATER RESISTANT SJOOW CSA (-40°C) FT2 P-7K-123033 MSHA 300 VOLT ROHS ORIGIN USA · PRYSMIAN CAROL® (SIZE) (mm<sup>2</sup>) 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.

## STANDARDS AND APPROVALS



## APPLICATION PROPERTIES

Flame retardant	Yes	Resistant to UV	Yes
Halogen free	No	Outdoor installation	Yes
Low smoke	No	Underground installation	No
Oil resistant	Yes		

We reserve the right to do changes as a result of running product development and/or changes in standards

## ELECTRICAL PROPERTIES

Catalog Number	No. Of. Cond	AWG / Kcmil	Conductor strand count	Insulation thickness [in]	Insulation thickness [mm]	Nominal overall o.d.	Nominal outer diameter [mm]	Ampacity	Cable weight [lbs/ft]	Colour outer sheath
01819	3	2	133/0.0211	0.055	1.4	1.06	26.92	95	1,003	Black
01818	4	2	133/0.0211	0.055	1.4	1.16	29.46	80	1,248	Black
16094	4	2	133/23	0.06	1.52	1.46	37.08	80	1,699	Black
01818	4	2	133/0.0211	0.055	1.4	1.16	29.46	80	1,248	Yellow
98187	5	2	133/0.0211	0.055	1.4	1.365	34.67	64	1,684	Black
16095	5	2	133/23	0.06	1.52	1.58	40.13	64	2,066	Black
01823	2	4	119/25	0.05	1.27	0.87	22.09	70	515	Black
16083	3	4	133/25	0.06	1.52	1.14	28.96	70	926	Black
01822	3	4	119/25	0.05	1.27	0.935	23.75	70	683	Black
01821	4	4	119/25	0.05	1.27	1.025	26.04	60	851	Black
16084	4	4	133/25	0.06	1.52	1.26	32	60	1,145	Black
16085	5	4	133/25	0.06	1.52	1.325	33.66	48	1,419	Black
98463	5	4	119/25	0.05	1.27	1.13	28.7	48	1,039	Black
16073	3	6	133/27	0.06	1.52	0.98	24.89	55	637	Black
01825	3	6	101/26	0.05	1.27	0.775	19.69	55	482	Black
16074	4	6	133/27	0.06	1.52	1.09	27.69	45	830	Black
01824	4	6	101/26	0.05	1.27	0.87	22.1	45	599	Black
01824	4	6	101/26	0.05	1.27	0.87	22.1	45	599	Yellow
16075	5	6	133/27	0.06	1.52	1.19	30.23	36	1,015	Black
98270	5	6	101/26	0.05	1.27	0.96	24.38	36	750	Black
01811	2	8	65/26	0.05	1.27	0.66	16.76	40	278	Black
01812	3	8	65/26	0.05	1.27	0.71	18.03	40	343	Black
16063	3	8	133/29	0.06	1.52	0.855	21.72	40	450	Black
01827	4	8	65/26	0.05	1.27	0.775	19.69	35	442	Black
01827	4	8	65/26	0.05	1.27	0.775	19.69	35	442	Yellow
16064	4	8	133/29	0.06	1.52	0.96	24.38	35	580	Black
98267	5	8	65/26	0.05	1.27	0.855	21.72	28	542	Black
16065	5	8	133/29	0.06	1.52	1.05	26.67	28	700	Black
02767	2	10	104/30	0.045	1.14	0.62	15.75	30	230	Black
02767	2	10	104/30	0.045	1.14	0.62	15.75	30	230	Red

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02728	3	10	104/30	0.045	1.14	0.68	17.27	30	289	Black
02428	3	10	104/30	0.045	1.14	0.655	16.64	30	295	Yellow
02728	3	10	104/30	0.045	1.14	0.68	17.27	30	289	Orange
02727	4	10	104/30	0.045	1.14	0.71	18.03	25	351	Black
02724	2	12	65/30	0.045	1.14	0.58	14.73	25	168	Red
02724	2	12	65/30	0.045	1.14	0.58	14.73	25	168	Black
02725	3	12	65/30	0.045	1.14	0.61	15.49	25	223	Orange
02425	3	12	65/30	0.045	1.14	0.61	15.49	25	229	Yellow
02725	3	12	65/30	0.045	1.14	0.61	15.49	25	223	Black
02426	4	12	65/30	0.045	1.14	0.66	16.76	20	280	Yellow
02726	4	12	65/30	0.045	1.14	0.66	16.76	20	276	Black
02723	2	14	41/30	0.045	1.14	0.505	12.83	18	154	Black
02723	2	14	41/30	0.045	1.14	0.505	12.83	18	154	Red
02762	3	14	41/30	0.045	1.14	0.53	13.46	18	171	Black
02462	3	14	41/30	0.045	1.14	0.53	13.46	18	172	Yellow
02768	4	14	41/30	0.045	1.14	0.575	14.61	15	209	Black
02468	4	14	41/30	0.045	1.14	0.575	14.61	15	208	Yellow
02722	2	16	26/30	0.03	0.76	0.38	9.65	13	77	Black
02465	3	16	26/30	0.03	0.76	0.4	10.16	13	103	Yellow
02765	3	16	26/30	0.03	0.76	0.4	10.16	13	94	Black
02466	4	16	26/30	0.03	0.76	0.43	10.92	10	119	Yellow
02766	4	16	26/30	0.03	0.76	0.43	10.92	10	114	Black
02763	2	18	16/30	0.03	0.76	0.35	8.89	10	65	Black
02769	3	18	16/30	0.03	0.76	0.365	9.27	10	80	Black
02469	3	18	16/30	0.03	0.76	0.365	9.27	10	84	Yellow
02470	4	18	16/30	0.03	0.76	0.39	9.91	7	101	Yellow
02770	4	18	16/30	0.03	0.76	0.395	10.03	7	94	Black
02768	4	14	41/30	0.03	0.76	0.575	14.61	15	209	Black

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