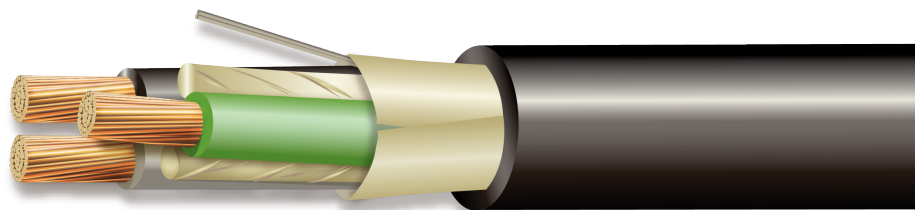


SOOW



-40 to 90 °C CPE Cord

600 Volts

Flexible Stranding

**Sunlight, Oil, Water,
Flame, Ozone, and
Abrasion Resistant**

APPLICATIONS

Type SOOW Flexible Cords are designed for extra hard usage on industrial equipment, heavy tools, battery chargers, portable lights, welding leads, marine dockside power, power extensions, and mining applications. They are permitted for use as specified by Article 400 and related articles of the National Electrical Code. They can also be used for special applications/locations as outlined in NFPA Paragraph 501.140 Class 1 Division 1 & 2 and Paragraph 502.140 Class II Division 1 & 2. SOOW Flexible Cords are also UL® and c(UL)® listed for water resistance.

CONDUCTORS

Two, three, four, or five flexible stranded copper conductors.

ASSEMBLY

Bare flexible stranded copper conductors are insulated with heat-, moisture- and oil-resistant EDPM rubber and then cabled with fillers. Next, separator is wrapped around the assembly for easy jacket removal. Finally, a black heat-, moisture- and oil-resistant CPE jacket is extruded over the entire assembly.

INSULATION

Heat-, moisture-, and oil-resistant EPDM rubber. Insulated conductors are cabled with fillers.

JACKET

Black or yellow heat-, moisture-, and oil-resistant flexible CPE extruded over entire assembly. A wrapping beneath the jacket facilitates easy removal.

INDUSTRY STANDARDS/CERTIFICATIONS

UL® Listed for Outdoor Use
 CSA Certified for Outdoor Use
 UL and CSA Listed for Continuous Submersion in Water
 MSHA Listed; Passes MSHA Flame Test
 NFPA 70 Paragraph 501.140 Class I Division 1 & 2
 NFPA 70 Paragraph 502.140 Class II Division 1 & 2
 OSHA Acceptable
 RoHS Compliant
 GrenSpec™ Listed

SURFACE PRINT

Sample: E339632 4/C 10 AWG (5.26mm²) SOOW (UL) 600V (-40°C TO 90°C)
 WATER RESISTANT CSA FT-2 RoHS MADE IN USA

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SOOW

PRODUCT CODE NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOMINAL INSULATION THICKNESS		NOMINAL OVERALL DIAMETER		CURRENT AMPS ⁼	APPROX. NET WEIGHT LBS/M ^(S)	STD. CTN.	UPC CODE
				INCHES	MM	INCHES	MM				
283-3803G1	3	10	104/30	.045	1.14	0.660	16.76	30	290	250'	048243404117
283-3803A	3	10	104/30	.045	1.14	0.660	16.76	30	290	25'	048243457960
283-3603A	3	12	65/30	.045	1.14	0.595	15.11	25	225	25'	048243458912
283-3603C	3	12	65/30	.045	1.14	0.595	15.11	25	225	100'	048243458929
283-3804E	4	10	104/30	.045	1.14	0.715	18.16	25	355	150'	048243459056
283-3804A	4	10	104/30	.045	1.14	0.715	18.16	25	355	25'	048243459032
283-3604E	4	12	65/30	.045	1.14	0.650	16.51	20	270	150'	048243458936
283-3604A	4	12	65/30	.045	1.14	0.650	16.51	20	270	25'	048243458950
283-3403C	3	14	41/30	.045	1.14	0.530	13.46	18	170	100'	048243458370
283-3403A	3	14	41/30	.045	1.14	0.530	13.46	18	170	25'	048243458363
283-3404C	4	14	41/30	.045	1.14	0.575	14.61	15	205	100'	048243458387
283-1203C	3	16	26/30	.030	.762	0.390	9.90	13	95	100'	048243458332
283-1203A	3	16	26/30	.030	.762	0.390	9.90	13	95	25'	048243458776
283-3873C	3	10	104/30	.045	1.14	0.660	16.76	30	290	100'	048243459087
283-3473C	3	14	104/30	.045	1.14	0.530	13.46	18	170	100'	048243458349
283-4203C	3	6	101/26	0.050	1.27	0.790	20.07	55	531	100'	048243459230
283-4204C	4	6	101/26	0.050	1.27	0.865	21.97	45	660	100'	048243459254
283-4003C	3	8	65/26	0.050	1.27	0.695	17.65	40	340	100'	048243459155
283-4004C	4	8	65/26	0.050	1.27	0.760	19.30	35	491	100'	048243459186

⁽¹⁾ Not UL or CSA, but manufactured to acceptable commercial standards.

⁼ Green conductor for grounding only. Ampacities based on NEC table 400.5(A)

^(S) Actual shipping weight may vary.

Color Code

NO. OF CONDUCTORS	COLOR
2	BLACK, WHITE
3	BLACK, WHITE, GREEN
4	BLACK, WHITE, RED, GREEN
5	BLACK, WHITE, RED, ORANGE, GREEN