



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

1530 Shields Drive
Waukegan, IL 60085
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Seoprene® 300V SJEOOW

Construction Parameters:

CONDUCTOR: 18 AWG - 10 AWG Class K stranded bare copper per ASTM B-174

INSULATION: TPE

JACKET: TPE

COLOR: Black (Other colors available upon request)

COLOR: *White

PRINT LEGEND: CCI SEOPRENE 105C XX AWG (X.XX mm²) X/C SJEOOW E54864 (UL) 300V -50C TO 105C -- CSA LL39753
SJTOOW (TPE) 300V -50C TO 105C FT2 WATER RESISTANT

INDENT LEGEND: P-241-3-MSHA

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SJTOOW (TPE) 300V -50C TO 105C FT2 WATER RESISTANT P-241-3-MSHA

PHYSICAL PROPERTIES:

TEMPERATURE RANGE -50°C to 105°C

WATER RESISTANT: Yes

ELECTRICAL PROPERTIES:

VOLTAGE RATING: 300V rms, Max

Industry Approvals:

- o UL Standard 62
- o CSA Standard C22.2 No. 49
- o NEC Article 501.140 Class I Div. 2
- o NEC Article 400
- o Federal Spec JC580
- o Passes CSA FT2 Flame Test
- o MSHA
- o EPA 40 CFR, Part 26, Subpart C, heavy metals per Table 1, TCLP method

Part Number	AWG	No. Cond.	Stranding	Insulation Wall, Nom.		O.D., Nom.		Net Weight		Amps*	Nom. DCR Ω/1M'
				Inches	mm	Inches	mm	Lb./kft.	kg/km		
23225	18	2	16/30	0.030	0.76	0.285	7.24	37	55	10	6.59
23325	18	3	16/30	0.030	0.76	0.308	7.82	49	73	10	6.59
23425	18	4	16/30	0.030	0.76	0.328	8.33	59	88	7	6.59
23226	16	2	16/30	0.030	0.76	0.310	7.87	46	68	13	4.05
23326	16	3	26/30	0.030	0.76	0.328	8.33	59	88	13	4.05
23426	16	4	26/30	0.030	0.76	0.353	8.97	73	109	10	4.05
23227	14	2	41/30	0.030	0.76	0.340	8.64	60	89	18	2.55
23327	14	3	41/30	0.030	0.76	0.363	9.22	79	118	18	2.55
23427	14	4	41/30	0.030	0.76	0.393	9.98	98	146	15	2.55
23228	12	2	65/30	0.030	0.76	0.410	10.41	90	134	25	1.61
23328	12	3	65/30	0.030	0.76	0.428	10.87	116	173	25	1.61
23428	12	4	65/30	0.030	0.76	0.468	11.89	150	223	20	1.61
23229	10	2	104/30	0.045	1.14	0.545	13.84	155	231	30	0.98
23329	10	3	104/30	0.045	1.14	0.573	14.55	200	298	30	0.98
23429	10	4	104/30	0.045	1.14	0.628	15.95	257	382	25	0.98

Note: All dimensions & weights are nominal subject to industry standards and tolerances unless otherwise noted.

* Ampacity based on NEC Table 400.5(A) and CEC Table 12.

This product complies with European Directive 2002/95/EC (RoHS)

The customer will accept all factory lengths and +/- 10 percent of total order requested.

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Customer Company Name: _____ Date: _____

Customer Approval: _____ Customer Title: _____

Specification Issue Date: February 22, 2011