



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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 Waukegan, IL 60085  
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## Seoprene® 600V SEOW

### Construction Parameters:

**CONDUCTOR:** 18 AWG - 10 AWG Class K stranded bare copper per ASTM B-174  
**INSULATION:** TPE  
**JACKET:** TPE  
**JKT COLOR:** Black (Other colors available upon request)

**PRINT LEGEND:** CCI SEOPRENE 105 XX AWG (X.XX mm<sup>2</sup>) X/C SEOW E54864 (UL) 600V -50C TO 105C -- CSA LL39753  
 STOOV (TPE) 600V -50C TO 105C FT2 WATER RESISTANT

**INDENT LEGEND:** P-241-3-MSHA

**\*INDENT LEGEND:** CCI SEOPRENE 105 XX AWG (X.XX mm<sup>2</sup>) X/C SEOW E54864 (UL) 600V -50C TO 105C -- CSA LL39753  
 STOOV (TPE) 600V -50C TO 105C FT2 WATER RESISTANT P-241-3-MSHA

### PHYSICAL PROPERTIES:

**TEMPERATURE RANGE:** -50°C to 105°C  
**WATER RESISTANT:** YES  
**UV RESISTANT:** YES

### ELECTRICAL PROPERTIES:

**VOLTAGE RATING:** 600V 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.		Jacket Wall, Nom.		O.D., Nom.		Net Weight		Nom. DCR Ω/1M'	Color Rotation
				Inches	mm	Inches	mm	Inches	mm	Lb./kft.	kg/km		
22225	18	2	16/30	0.030	0.76	0.060	1.52	0.342	8.69	54	80	6.40	Black, White
22325	18	3	16/30	0.030	0.76	0.060	1.52	0.362	9.19	64	95	6.40	Black, White, Green
22425	18	4	16/30	0.030	0.76	0.060	1.52	0.387	9.83	79	118	6.40	Black, White, Red, Green
30505	18	5	16/30	0.030	0.76	0.080	2.03	0.462	11.73	108	161	6.40	Black, White, Red, Green, Orange
22226	16	2	26/30	0.030	0.76	0.060	1.52	0.367	9.32	62	92	4.12	Black, White
22326	16	3	26/30	0.030	0.76	0.060	1.52	0.387	9.83	77	115	4.12	Black, White, Green
22426	16	4	26/30	0.030	0.76	0.060	1.52	0.415	10.54	91	135	4.12	Black, White, Red, Green
30506	16	5	26/30	0.030	0.76	0.080	2.03	0.492	12.50	128	190	4.12	Black, White, Red, Green, Orange
22227	14	2	41/30	0.045	1.14	0.080	2.03	0.497	12.62	114	170	2.64	Black, White
22327	14	3	41/30	0.045	1.14	0.080	2.03	0.522	13.26	140	208	2.64	Black, White, Green
22427	14	4	41/30	0.045	1.14	0.080	2.03	0.565	14.35	166	247	2.64	Black, White, Red, Green
30507	14	5	41/30	0.045	1.14	0.095	2.41	0.642	16.31	214	318	2.64	Black, White, Red, Green, Orange
22228	12	2	65/30	0.045	1.14	0.095	2.41	0.570	14.48	153	228	1.66	Black, White
22328	12	3	65/30	0.045	1.14	0.095	2.41	0.592	15.04	185	275	1.66	Black, White, Green
22428	12	4	65/30	0.045	1.14	0.095	2.41	0.642	16.31	227	338	1.66	Black, White, Red, Green
30508	12	5	65/30	0.045	1.14	0.095	2.41	0.707	17.96	280	417	1.66	Black, White, Red, Green, Orange
22229	10	2	104/30	0.045	1.14	0.095	2.41	0.617	15.67	196	292	1.05	Black, White
22329	10	3	104/30	0.045	1.14	0.095	2.41	0.652	16.56	245	365	1.05	Black, White, Green
22429	10	4	104/30	0.045	1.14	0.095	2.41	0.702	17.83	301	448	1.05	Black, White, Red, Green
30509	10	5	104/30	0.045	1.14	0.095	2.41	0.762	19.35	358	533	1.05	Black, White, Red, Green, Orange

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 2011/65/EU (RoHS-2)  
 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 23, 2011

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