



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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## Seoprene® 600V SEOOW

### Construction Parameters:

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

**PRINT LEGEND:** SOUTHWIRE® SEOPRENE® CORD X/C XX AWG (X.XXmm2) SEOOW E46194  
 (UL) 600V -50C TO 105C -- CSA LL90458 STOOW(TPE) 600V -50C TO 105C FT2 WATER RESISTANT

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

**\*INDENT LEGEND:** SOUTHWIRE® SEOPRENE® CORD X/C XX AWG (X.XXmm2) SEOOW E46194  
 (UL) 600V -50C TO 105C -- CSA LL90458 STOOW(TPE) 600V -50C TO 105C FT2 WATER RESISTANT P-241-3-MSHA

**Ink Jet Legend:** XX/XX/XX (MONTH/DAY/YEAR) HH:MM (HOUR/MINUTE)

### 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

Southwire Part No.	Discontinued Part No.	AWG	No. Cond.	Stranding	Insulation Wall, Nom. Inches	mm	Jacket Wall, Nom. Inches	mm	O.D., Nom. Inches	mm	Net Weight Lb./kft.	kg/km	Nom. DCR Q/1M'	Color Rotation
550560	22225	18	2	16/30	0.030	0.76	0.060	1.52	0.342	8.69	54	80	6.40	Black, White
550561	22325	18	3	16/30	0.030	0.76	0.060	1.52	0.362	9.19	64	95	6.40	Black, White, Green
551469	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
569645	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
550634	22226	16	2	26/30	0.030	0.76	0.060	1.52	0.367	9.32	62	92	4.12	Black, White
550402	22326	16	3	26/30	0.030	0.76	0.060	1.52	0.387	9.83	77	115	4.12	Black, White, Green
550464	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
550555	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
550562	22227	14	2	41/30	0.045	1.14	0.080	2.03	0.497	12.62	114	170	2.64	Black, White
550398	22327	14	3	41/30	0.045	1.14	0.080	2.03	0.522	13.26	140	208	2.64	Black, White, Green
550399	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
550626	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
550432	22228	12	2	65/30	0.045	1.14	0.095	2.41	0.570	14.48	153	228	1.66	Black, White
550395	22328	12	3	65/30	0.045	1.14	0.095	2.41	0.592	15.04	185	275	1.66	Black, White, Green
550397	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
550497	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
550431	22229	10	2	104/30	0.045	1.14	0.095	2.41	0.617	15.67	196	292	1.05	Black, White
550393	22329	10	3	104/30	0.045	1.14	0.095	2.41	0.652	16.56	245	365	1.05	Black, White, Green
550394	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
550875	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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