



Southwire®
WE DELIVER POWER... RESPONSIBLY®

PRODUCT DATA SHEET

Controlled Document - Engineering Drive

1530 Shields Drive
Waukegan, IL 60085
Toll-Free (800) 323-9355
Fax: (847) 689-1192

Seoprene® 600V SEOOW

Construction Parameters:

CONDUCTOR: 8 AWG - 2 AWG Class K stranded bare copper per ASTM B-174
INSULATION: TPE
JACKET: TPE
COLOR: Black (Other colors available upon request)
PRINT LEGEND: SOUTHWIRE® SEOPRENE® CORD X/C X AWG (X.XXmm2) SEOOW E46194
 (UL) 600V -50C TO 105C -- CSA LL90458 ST00W(TPE) 600V -50C TO 105C FT2 WATER RESISTANT

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

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.		O.D., Nom.		Net Weight		Nom. DCR	
					Inches	mm	Inches	mm	Lb./kft.	kg/km	Amps*	Ω/1M'
598327	22316	8	3	133/29	0.060	1.52	0.854	21.69	419	624	40	0.65
598328	22591	8	4	133/29	0.060	1.52	0.940	23.88	530	789	35	0.65
--	22540	8	5	133/29	0.060	1.52	1.040	26.42	666	991	28	0.65
586939	22391	6	3	133/27	0.060	1.52	0.975	24.77	579	862	55	0.41
598329	22589	6	4	133/27	0.060	1.52	1.074	27.28	741	1103	45	0.41
--	22392	6	5	133/27	0.060	1.52	1.185	30.10	871	1296	36	0.41
--	22601	4	3	133/25	0.060	1.52	1.132	28.75	834	1241	70	0.25
598332	22471	4	4	133/25	0.060	1.52	1.265	32.13	1072	1595	60	0.25
--	22542	4	5	133/25	0.060	1.52	1.385	35.18	1302	1938	48	0.25
--	22490	2	3	665/30	0.060	1.52	1.305	33.15	1157	1722	95	0.16
--	22491	2	4	665/30	0.060	1.52	1.455	36.96	1517	2258	80	0.16
--	22492	2	5	665/30	0.060	1.52	1.556	39.52	1735	2582	64	0.16

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.

The information presented here is, to the best of our knowledge, true and accurate. Since conditions of use are beyond Southwire's control all product data presented is for informational purposes only and does not create a binding obligation or liability on Southwire or confer any rights on any customer. The sale of products(s) is conditioned upon acceptance of a purchase order subject to Southwire disclaims all liability in connection with the use of information contained herein or otherwise.

This specification is proprietary intellectual property of Southwire. Any information contained herein shall not be disclosed to any party without written consent of Southwire.

Specification Issue Date: April 30, 2015