300V SEOPRENE® SJEOOW Cord with Black Jacket 105°C. Silicone Free

300 Volt -50°C to 105°C Flexible Cord. Premium Oil Resistance, Sunlight, Chemical, Water Resistance and Flame Retardant

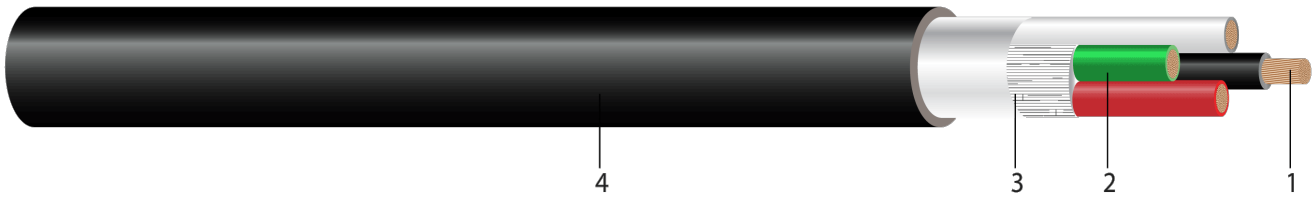

Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Class K stranded bare copper per ASTM B-174
2. **Insulation:** Heat, moisture and oil resistant TPE
3. **Filler:** Non-wicking polypropylene fillers, with a tissue-paper separator wrapped around the assembly
4. **Jacket:** Black TPE (Other colors available upon request)

APPLICATIONS AND FEATURES:

Southwire Type SJEOOW Flexible Cords are permitted for indoor and outdoor temporary power uses, portable industrial machinery, compressors, conveyors, and automated production equipment. Cords are suitable for use in temperatures between -50°C to maximum 105°C.

SPECIFICATIONS:

- UL 62 Flexible Cords and Cables
- CSA C22.2 No. 49 Flexible Cords and Cables
- Passes CSA FT2 Flame Test
- RoHS-3 Complies with European Directive 2015/863
- NEC Article 400 Flexible Cords, Cables and Fixture Wire

SAMPLE PRINT LEGEND:

SOUTHWIRE{R} SEOPRENE{R} CORD X/C XX AWG (X.XXmm2) SJEOOW E46194 MASTER-DESIGN (UL) 300V -50{D}C TO 105{D}C -- CSA LL90458 SJEOOW 300V -50{D}C TO 105{D}C FT2 WATER RESISTANT P-07-KA190004-MSHA

PACKAGING:

Standard lengths: 250', 500' and 1,000' reels. Other lengths available upon request.

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Table 1 – Weights and Measurements

Stock Number	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity	DC Resistance	Insul. Color	Jacket Color
	AWG/ Kcmil	No.	No.	mil	mil	inch	lb/1000ft	Amp	Ω/1000ft		
550528	18	2	16	30	35	0.286	39	10	6.659	BK,WE	BK
550445	18	3	16	30	35	0.308	48	7	6.659	BK,WE,GN	BK
550474	18	4	16	30	30	0.331	59	6	6.659	WE,BK,GN,RD	BK
550495	16	2	26	30	30	0.31	46	13	4.181	BK,WE	BK
550403	16	3	26	30	35	0.331	61	10	4.181	BK,WE,GN	BK
550435	16	4	26	30	30	0.37	78	8	4.181	BK,WE,GN,RD	BK
550559	14	2	41	30	30	0.34	61	18	2.621	BK,WE	BK
550433	14	3	41	30	35	0.366	81	15	2.621	BK,WE,GN	BK
550401	14	4	41	30	30	0.396	102	12	2.621	BK,WE,RD,GN	BK
550627	12	2	65	30	50	0.416	95	25	1.652	BK,WE	BK
550396	12	3	65	30	50	0.436	123	20	1.652	BK,WE,GN	BK
598755	12	3	65	30	50	0.436	121	20	1.652	BK,WE,GN	BK
550465	12	4	65	30	50	0.48	156	16	1.652	BK,WE,RD,GN	BK
550767	10	2	104	45	70	0.551	163	30	1.04	BK,WE	BK
550448	10	3	104	45	65	0.576	207	25	1.04	BK,WE,GN	BK
550628	10	4	104	45	70	0.636	266	20	1.04	BK,WE,RD,GN	BK

All dimensions are nominal and subject to normal manufacturing tolerances
◊ Cable marked with this symbol is a standard stock item
* Ampacities are based on TABLE 400.5(A)(1) of the 2023 National Electrical Code and CEC Table 12.
^ Color Sequence: Black, Red
! White PVC jacket
** Not a Federal and Military Specification JC-580B
TBA stock codes are estimations only and actual product may vary. Please wait until a stock code is assigned to purchase connectors and/or fittings.

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Table 2 – Weights and Measurements (Metric)

Stock Number	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity *	DC Resistance	Insul. Color	Jacket Color
	AWG/ Kcmil	No.	No.	mm	mm	mm	kg/km	Amp	Ω/km		
550528	18	2	16	0.76	0.89	7.26	58	10	21.85	BK,WE	BK
550445	18	3	16	0.76	0.89	7.82	71	7	21.85	BK,WE,GN	BK
550474	18	4	16	0.76	0.76	8.41	88	6	21.85	WE,BK,GN,RD	BK
550495	16	2	26	0.76	0.76	7.87	68	13	13.72	BK,WE	BK
550403	16	3	26	0.76	0.89	8.41	91	10	13.72	BK,WE,GN	BK
550435	16	4	26	0.76	0.76	9.40	116	8	13.72	BK,WE,GN,RD	BK
550559	14	2	41	0.76	0.76	8.64	91	18	8.60	BK,WE	BK
550433	14	3	41	0.76	0.89	9.30	121	15	8.60	BK,WE,GN	BK
550401	14	4	41	0.76	0.76	10.06	152	12	8.60	BK,WE,RD,GN	BK
550627	12	2	65	0.76	1.27	10.57	141	25	5.42	BK,WE	BK
550396	12	3	65	0.76	1.27	11.07	183	20	5.42	BK,WE,GN	BK
598755	12	3	65	0.76	1.27	11.07	180	20	5.42	BK,WE,GN	BK
550465	12	4	65	0.76	1.27	12.19	232	16	5.42	BK,WE,RD,GN	BK
550767	10	2	104	1.14	1.78	14.00	243	30	3.41	BK,WE	BK
550448	10	3	104	1.14	1.65	14.63	308	25	3.41	BK,WE,GN	BK
550628	10	4	104	1.14	1.78	16.15	396	20	3.41	BK,WE,RD,GN	BK

* Ampacities are based on TABLE 400.5(A)(1) of the 2023 National Electrical Code and CEC Table 12.
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