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

300 Volt, 105°C Flexible Cord. Premium Oil Resistance, Sunlight, Water Resistance and Flame Retardant, UL / CSA listed.

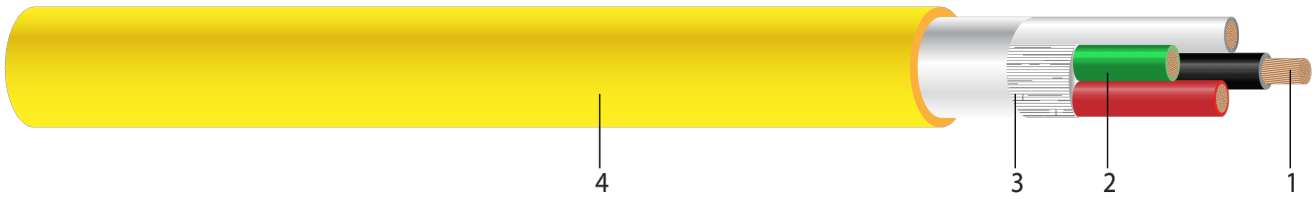

Image not to scale. See Table 1 for dimensions.

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:** Yellow 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, conveyor and automated production equipment. Cords are suitable for use in temperatures between -40°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
- Federal Specification J-C-580B

SAMPLE PRINT LEGEND:

SOUTHWIRE® SEOPRENE PLUS(TM) CORD X/C XX AWG (X.XXmm2) SJEOOW E46194 (UL) 300V -40C TO 105C -- CSA LL90458 SJEOOW 300V -50C TO 105C FT2 WATER RESISTANT

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		
654194	18	3	16	30	35	0.308	49	7	6.659	BK,WE,GN	BK
654228	16	3	26	30	35	0.331	61	10	4.181	BK,WE,GN	YW
654244	14	2	41	30	30	0.34	61	18	2.621	BK,WE	YW
654251	14	3	41	30	35	0.366	82	15	2.621	BK,WE,GN	YW
598339	14	4	41	30	30	0.396	102	12	2.621	BK,WE,RD,GN	YW
654285	12	3	65	30	50	0.436	122	20	1.652	BK,WE,GN	YW
654319	10	3	104	45	65	0.576	208	25	1.04	BK,WE,GN	YW

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.
** 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.

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		
654194	18	3	16	0.76	0.89	7.82	73	7	21.85	BK,WE,GN	BK
654228	16	3	26	0.76	0.89	8.41	91	10	13.72	BK,WE,GN	YW
654244	14	2	41	0.76	0.76	8.64	91	18	8.60	BK,WE	YW
654251	14	3	41	0.76	0.89	9.30	122	15	8.60	BK,WE,GN	YW
598339	14	4	41	0.76	0.76	10.06	152	12	8.60	BK,WE,RD,GN	YW
654285	12	3	65	0.76	1.27	11.07	182	20	5.42	BK,WE,GN	YW
654319	10	3	104	1.14	1.65	14.63	310	25	3.41	BK,WE,GN	YW

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

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