

## 300V SEOPRENE PLUS® SJEOOW Cord with Yellow Jacket 105°C

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

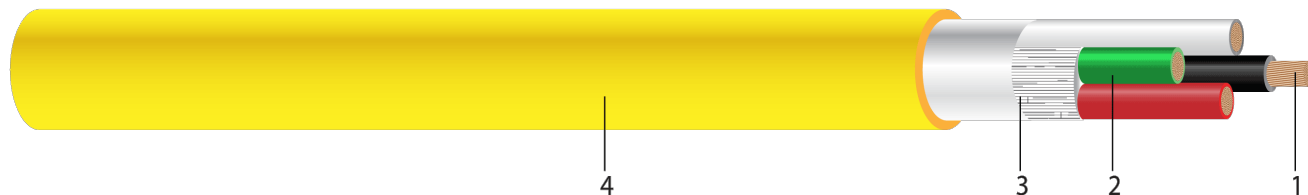


Image not to scale. See Table 1 for dimensions.

### 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 -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-2 (European Directive 2011/65/EU)
- 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.XXmm<sup>2</sup>) SJEOOW E46194 (UL) 300V -60C 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	CCI Part #	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity *	DC Resistance
		AWG/Kcmil	Count	# x AWG	mil	mil	inch	lb/1000ft	Amp	Ω/1000ft
TBA	23245	18	2	16/30	30	37	0.285	37	10	6.59
654194	23345	18	3	16/30	31	37	0.308	48	10	6.59
TBA	23445	18	4	16/30	30	37	0.328	63	7	6.59
TBA	23246	16	2	26/30	30	34	0.31	46	13	6.59
654228	23346	16	3	26/30	31	34	0.328	59	13	4.05
654236	23446	16	4	26/30	32	34	0.355	74	10	4.05
654244	23247	14	2	41/30	31	37	0.34	61	18	2.55
654251	23347	14	3	41/30	30	37	0.363	80	18	2.55
598339	23447	14	4	41/30	30	37	0.393	96	15	2.55
TBA	TBA	12**	2	65/30	30	47	0.41	90	25	1.61
654285	23348	12**	3	65/30	30	47	0.428	116	25	1.61
TBA	23448	12**	4	65/30	30	47	0.468	150	20	1.61
TBA	23249	10**	2	104/30	46	66	0.545	155	30	0.98
654319	23349	10**	3	104/30	46	66	0.573	199	30	0.98
TBA	23449	10**	4	104/30	46	66	0.628	257	25	0.98

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) of the 2014 National Electrical Code and CEC Table 12.

\*\* Not a Federal and Military Specification JC-580B

**Table 2 – Weights and Measurements (Metric)**

Stock Number	CCI Part #	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity *	DC Resistance
		AWG/Kcmil	Count	# x AWG	mm	mm	mm	kg/km	Amp	Ω/km
TBA	23245	18	2	16/30	0.76	0.94	7.24	55	10	21.62
654194	23345	18	3	16/30	0.79	0.94	7.82	71	10	21.62
TBA	23445	18	4	16/30	0.76	0.94	8.33	94	7	21.62
TBA	23246	16	2	26/30	0.76	0.86	7.87	68	13	21.62
654228	23346	16	3	26/30	0.79	0.86	8.33	88	13	13.29
654236	23446	16	4	26/30	0.81	0.86	9.02	110	10	13.29
654244	23247	14	2	41/30	0.79	0.94	8.64	91	18	8.37
654251	23347	14	3	41/30	0.76	0.94	9.22	119	18	8.37
598339	23447	14	4	41/30	0.76	0.94	9.98	143	15	8.37
TBA	TBA	12**	2	65/30	0.76	1.19	10.41	134	25	5.28
654285	23348	12**	3	65/30	0.76	1.19	10.87	173	25	5.28
TBA	23448	12**	4	65/30	0.76	1.19	11.89	223	20	5.28
TBA	23249	10**	2	104/30	1.17	1.68	13.84	231	30	3.22
654319	23349	10**	3	104/30	1.17	1.68	14.55	296	30	3.22
TBA	23449	10**	4	104/30	1.17	1.68	15.95	382	25	3.22



## Color Code

# of Conductor	Color Sequence
2	Black, White
3	Black, White, Green
4	Black, White, Red, Green

