

## 300V SEOPRENE® SJE00W Cord with Black Jacket 105°C

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

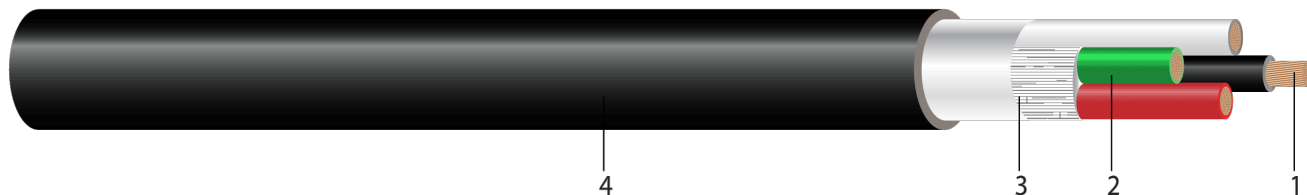


Image not to scale. See Table 1 for dimensions.

### 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 SJE00W 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® CORD X/C XX AWG (X.XXmm<sup>2</sup>) SJE00W E46194 (UL) 300V -50C TO 105C -- CSA LL90458  
SJE00W 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 AWG/Kcmil	Cond. Number Count	Cond. Strands # x AWG	Jacket Thickness mil	Approx. OD inch	Approx. Weight lb/1000ft	Ampacity * Amp	DC Resistance Ω/1000ft
550528	23225	18	2	16/30	35	0.285	37	10	6.59
550445	23325	18	3	16/30	37	0.308	49	10	6.59
550474	23425	18	4	16/30	33	0.328	59	7	6.59
550495	23226	16	2	26/30	34	0.31	46	13	4.05
550403	23326	16	3	26/30	3.5	0.328	59	13	4.05
550435	23426	16	4	26/30	32	0.355	73	10	4.05
582140^	N/A	14	2	41/30	34	0.34	60	18	2.55
550559	23227	14	2	41/30	34	0.34	60	18	2.55
550433	23327	14	3	41/30	35	0.363	79	18	2.55
550401	23427	14	4	41/30	32	0.393	98	15	2.55
550627	23228	12**	2	65/30	51	0.41	90	25	1.61
598755!	N/A	12**	3	65/30	47	0.428	116	25	1.61
550396	23328	12**	3	65/30	47	0.428	116	25	1.61
550465	23428	12**	4	65/30	48	0.468	150	20	1.61
550767	23229	10**	2	104/30	68.5	0.545	155	30	0.98
550448	23329	10**	3	104/30	66	0.573	200	30	0.98
550628	23429	10**	4	104/30	67	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.

^ Color Sequence: Black, Red

! White PVC jacket

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



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

Stock Number	CCI Part #	Cond. Size	Cond. Number	Cond. Strands	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity *	DC Resistance
		AWG/Kcmil	Count	# x AWG	mm	mm	kg/km	Amp	Ω/km
550528	23225	18	2	16/30	0.89	7.24	55	10	21.62
550445	23325	18	3	16/30	0.94	7.82	73	10	21.62
550474	23425	18	4	16/30	0.84	8.33	88	7	21.62
550495	23226	16	2	26/30	0.86	7.87	68	13	13.29
550403	23326	16	3	26/30	0.09	8.33	88	13	13.29
550435	23426	16	4	26/30	0.81	9.02	109	10	13.29
582140^	N/A	14	2	41/30	0.86	8.64	89	18	8.37
550559	23227	14	2	41/30	0.86	8.64	89	18	8.37
550433	23327	14	3	41/30	0.89	9.22	118	18	8.37
550401	23427	14	4	41/30	0.81	9.98	146	15	8.37
550627	23228	12**	2	65/30	1.30	10.41	134	25	5.28
598755!	N/A	12**	3	65/30	1.19	10.87	173	25	5.28
550396	23328	12**	3	65/30	1.19	10.87	173	25	5.28
550465	23428	12**	4	65/30	1.22	11.89	223	20	5.28
550767	23229	10**	2	104/30	1.74	13.84	231	30	3.22
550448	23329	10**	3	104/30	1.68	14.55	298	30	3.22
550628	23429	10**	4	104/30	1.70	15.95	382	25	3.22

\* Ampacities are based on TABLE 400.5(A) of the 2014 National Electrical Code and CEC Table 12.

^ Color Sequence: Black, Red

! White PVC jacket

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**Color Code**

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

