

300V SEOPRENE® SJE00W Cord with Black Jacket 105°C. Silicone Free

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

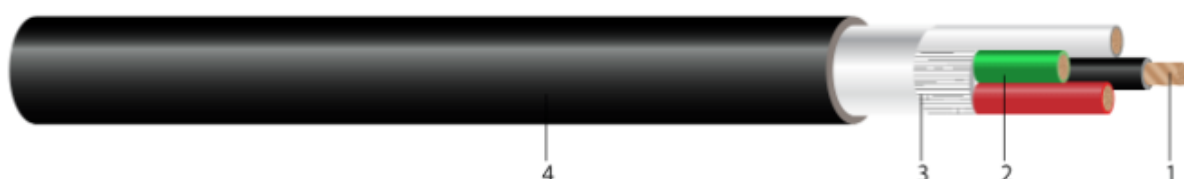


Image not to scale. See Table 1 for dimensions.

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 -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-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.XXmm²) SJE00W E46194 (UL) 300V -40C 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.

Table 2 – Weights and Measurements (Metric)

Stock Number	CCI Part #	Cond. Size AWG/Kcmil	Cond. Number Count	Cond. Strands # x AWG	Jacket Thickness mm	Approx. OD mm	Approx. Weight kg/km	Ampacity * Amp	DC Resistance 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
TBA	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

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

Color Code

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