



# 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

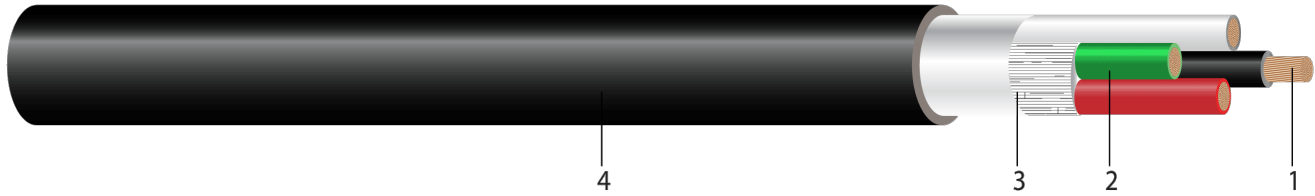


Image not to scale. See Table 1 for dimensions.

## 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.XXmm<sup>2</sup>) 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.





**Table 1 – Weights and Measurements**

Stock Number	CCI Part #	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity	Insul. Color	Jacket Color
		AWG/ Kcmil	No.	No.	mil	mil	inch	lb/1000ft	Amp		
550528	23225	18	2	16	30	35	0.286	38	10	BK,WE	BK
550445	23325	18	3	16	30	35	0.308	47	7	BK,WE,GN	BK
550474	23425	18	4	16	30	30	0.328	58	5	WE,BK,GN,RD	BK
550495	23226	16	2	26	30	30	0.310	46	13	BK,WE	BK
550403	23326	16	3	26	30	30	0.329	60	10	BK,WE,GN	BK
550435	23426	16	4	26	30	30	0.370	78	8	BK,WE,GN,RD	BK
550559	23227	14	2	41	30	30	0.340	60	18	BK,WE	BK
550433	23327	14	3	41	30	35	0.363	80	15	BK,WE,GN	BK
550401	23427	14	4	41	30	30	0.393	99	12	BK,WE,RD,GN	BK
550627	23228	12	2	65	30	50	0.410	93	25	BK,WE	BK
550396	23328	12	3	65	30	45	0.428	119	20	BK,WE,GN	BK
598755	N/A	12	3	65	30	45	0.428	118	20	BK,WE,GN	BK
550465	23428	12	4	65	30	45	0.468	151	16	BK,WE,RD,GN	BK
550767	23229	10	2	104	45	65	0.541	158	30	BK,WE	BK
550448	23329	10	3	104	45	65	0.573	205	25	BK,WE,GN	BK
550628	23429	10	4	104	45	65	0.628	261	20	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.





**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 *	Insul. Color	Jacket Color
		AWG/ Kcmil	No.	No.	mm	mm	mm	kg/km	Amp		
550528	23225	18	2	16	0.76	0.89	7.26	57	10	BK,WE	BK
550445	23325	18	3	16	0.76	0.89	7.82	70	7	BK,WE,GN	BK
550474	23425	18	4	16	0.76	0.76	8.33	86	5	WE,BK,GN,RD	BK
550495	23226	16	2	26	0.76	0.76	7.87	68	13	BK,WE	BK
550403	23326	16	3	26	0.76	0.76	8.36	89	10	BK,WE,GN	BK
550435	23426	16	4	26	0.76	0.76	9.40	116	8	BK,WE,GN,RD	BK
550559	23227	14	2	41	0.76	0.76	8.64	89	18	BK,WE	BK
550433	23327	14	3	41	0.76	0.89	9.22	119	15	BK,WE,GN	BK
550401	23427	14	4	41	0.76	0.76	9.98	147	12	BK,WE,RD,GN	BK
550627	23228	12	2	65	0.76	1.27	10.41	138	25	BK,WE	BK
550396	23328	12	3	65	0.76	1.14	10.87	177	20	BK,WE,GN	BK
598755	N/A	12	3	65	0.76	1.14	10.87	176	20	BK,WE,GN	BK
550465	23428	12	4	65	0.76	1.14	11.89	225	16	BK,WE,RD,GN	BK
550767	23229	10	2	104	1.14	1.65	13.74	235	30	BK,WE	BK
550448	23329	10	3	104	1.14	1.65	14.55	305	25	BK,WE,GN	BK
550628	23429	10	4	104	1.14	1.65	15.95	388	20	BK,WE,RD,GN	BK

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