

600V SEOPRENE® SE00W Cord Control with Black Jacket 105°C. Silicone-Free

600 Volt Cord. 105°C Premium Oil Resistance, Sunlight, Water Resistance and Flame Retardant

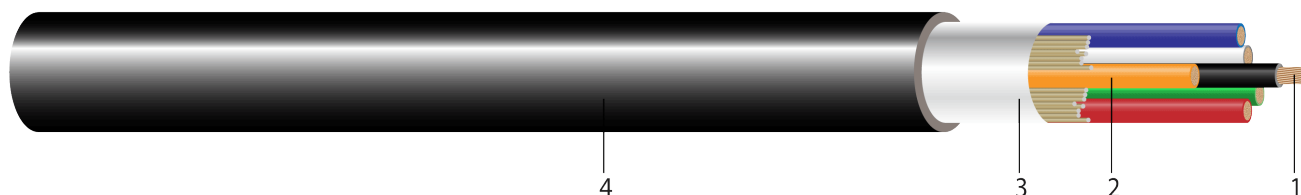


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

- Conductor:** Class K stranded bare copper per ASTM B-174
- Insulation:** Heat, moisture and oil resistant TPE
- Filler:** Non-wicking polypropylene fillers, with a tissue-paper separator wrapped around the assembly
- Jacket:** Black TPE (other colors available upon request)

APPLICATIONS AND FEATURES:

Southwire Type SE00W Flexible Cords UL/ CSA listed are permitted for use as specified by Article 400 and related articles of the 2020 National Electrical Code. The cable is rated -40°C to 105°C, water, oil, and weather resistant. Southwire Type SE00W Flexible Cords are designed for extra hard usage on industrial equipment, heavy tools, battery chargers, portable lights, welding leads, marine dockside power, power extensions and mining applications.

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
- NEC Article 501.140 Class I Division 2

SAMPLE PRINT LEGEND:

SOUTHWIRE® SEOPRENE® CORD X/C XX AWG (X.XXmm²) SE00W E46194 (UL) 600V -40C TO 105C -- CSA LL90458
SE00W 600V -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 *
		AWG/Kcmil	No.	No.	mil	mil	inch	lb/1000ft	Amp
550560	22225	18	2	16	30	60	0.342	52	10
550561	22325	18	3	16	30	65	0.365	64	10
551469	22425	18	4	16	30	60	0.387	74	8
569645	30505	18	5	16	30	85	0.462	106	8
598758	30605	18	6	16	30	80	0.484	116	8
598728	30705	18	7	16	30	80	0.488	124	7
598729	30805	18	8	16	30	80	0.517	138	7
598730	31005	18	10	16	30	80	0.600	170	5
598731	31205	18	12	16	30	80	0.613	190	5
598732	31405	18	14	16	30	80	0.640	214	5
595487	31605	18	16	16	30	95	0.697	255	5
598733	NA	18	24	41	30	100	0.810	344	4
550634	22226	16	2	26	30	60	0.368	63	13
550464	22426	16	4	26	30	60	0.416	93	10
550555	30506	16	5	26	30	80	0.492	128	10
595375	30706	16	7	26	30	80	0.525	154	9
562791	30606	16	6	26	30	85	0.533	149	10
589888	30806	16	8	26	30	80	0.560	173	9
598735	31006	16	10	26	30	80	0.638	211	6
594889	31206	16	12	26	30	95	0.698	259	6
598736	31406	16	14	26	30	95	0.725	286	6
598737	31606	16	16	26	30	95	0.757	316	6
595667	NA	16	24	65	30	95	0.864	442	5
550562	22227	14	2	41	45	80	0.497	113	18
550398	22327	14	3	41	45	80	0.522	136	18
550399	22427	14	4	41	45	90	0.592	180	14
598739	30607	14	6	41	45	95	0.690	247	14
598740	30707	14	7	41	45	95	0.690	261	12
598741	30807	14	8	41	45	95	0.743	298	12
589921	31007	14	10	41	45	95	0.835	352	9
550432	22228	12	2	65	45	105	0.570	158	25
550395	22328	12	3	65	45	95	0.603	193	25
550397	22428	12	4	65	45	95	0.642	231	20
550497	30508	12	5	65	45	105	0.707	284	20
598745	30608	12	6	65	45	95	0.745	316	20
598746	30808	12	8	65	45	95	0.804	376	17
550431	22229	10	2	104	45	100	0.617	196	30
550393	22329	10	3	104	45	105	0.652	246	30
550394	22429	10	4	104	45	100	0.703	304	24
550875	30509	10	5	104	45	105	0.762	363	24
598752	30709	10	7	104	45	115	0.845	469	21

All dimensions are nominal and subject to normal manufacturing tolerances



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◇ 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.



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 *
		AWG/Kcmil	No.	No.	mm	mm	mm	kg/km	Amp
550560	22225	18	2	16	0.76	1.52	8.69	77	10
550561	22325	18	3	16	0.76	1.65	9.27	95	10
551469	22425	18	4	16	0.76	1.52	9.83	110	8
569645	30505	18	5	16	0.76	2.16	11.73	158	8
598758	30605	18	6	16	0.76	2.03	12.29	173	8
598728	30705	18	7	16	0.76	2.03	12.40	185	7
598729	30805	18	8	16	0.76	2.03	13.13	205	7
598730	31005	18	10	16	0.76	2.03	15.24	253	5
598731	31205	18	12	16	0.76	2.03	15.57	283	5
598732	31405	18	14	16	0.76	2.03	16.26	318	5
595487	31605	18	16	16	0.76	2.41	17.70	379	5
598733	NA	18	24	41	0.76	2.54	20.57	512	4
550634	22226	16	2	26	0.76	1.52	9.35	94	13
550464	22426	16	4	26	0.76	1.52	10.57	138	10
550555	30506	16	5	26	0.76	2.03	12.50	190	10
595375	30706	16	7	26	0.76	2.03	13.33	229	9
562791	30606	16	6	26	0.76	2.16	13.54	222	10
589888	30806	16	8	26	0.76	2.03	14.22	257	9
598735	31006	16	10	26	0.76	2.03	16.21	314	6
594889	31206	16	12	26	0.76	2.41	17.73	385	6
598736	31406	16	14	26	0.76	2.41	18.42	426	6
598737	31606	16	16	26	0.76	2.41	19.23	470	6
595667	NA	16	24	65	0.76	2.41	21.95	658	5
550562	22227	14	2	41	1.14	2.03	12.62	168	18
550398	22327	14	3	41	1.14	2.03	13.26	202	18
550399	22427	14	4	41	1.14	2.29	15.04	268	14
598739	30607	14	6	41	1.14	2.41	17.53	368	14
598740	30707	14	7	41	1.14	2.41	17.53	388	12
598741	30807	14	8	41	1.14	2.41	18.87	443	12
589921	31007	14	10	41	1.14	2.41	21.21	524	9
550432	22228	12	2	65	1.14	2.67	14.48	235	25
550395	22328	12	3	65	1.14	2.41	15.32	287	25
550397	22428	12	4	65	1.14	2.41	16.31	344	20
550497	30508	12	5	65	1.14	2.67	17.96	423	20
598745	30608	12	6	65	1.14	2.41	18.92	470	20
598746	30808	12	8	65	1.14	2.41	20.42	560	17
550431	22229	10	2	104	1.14	2.54	15.67	292	30
550393	22329	10	3	104	1.14	2.67	16.56	366	30
550394	22429	10	4	104	1.14	2.54	17.86	452	24
550875	30509	10	5	104	1.14	2.67	19.35	540	24
598752	30709	10	7	104	1.14	2.92	21.46	698	21



Color Code

# of Conductor	Color Sequence	Tracer	# of Conductor	Color Sequence	Tracer
1	Black		21	Orange	Green
2	White		22	Black	White/Red
3	Red		23	White	Black/Red
4	Green		24	Red	Black/White
5	Orange		25	Green	Black/White
6	Blue		26	Orange	Black/White
7	White	Black	27	Blue	Black/White
8	Red	Black	28	Black	Red/Green
9	Green	Black	29	White	Red/Green
10	Orange	Black	30	Red	Black/Green
11	Blue	Black	31	Green	Black/Orange
12	Black	White	32	Orange	Black/Green
13	Red	White	33	Blue	White/Orange
14	Green	White	34	Black	White/Orange
15	Blue	White	35	White	Red/Orange
16	Black	Red	36	Orange	White/Blue
17	White	Red	37	White	Red/Blue
18	Orange	Red	38	Black	White/Green
19	Blue	Red	39	White	Black/Green
20	Red	Green	40	Red	White/Green



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