



# 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:

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 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-3 Complies with European Directive 2015/863
- 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.XXmm<sup>2</sup>) 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.





**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		
550560	22225	18	2	16	30	60	0.342	52	10	BK,WE	BK
550561	22325	18	3	16	30	65	0.365	64	7	BK,WE,GN	BK
551469	22425	18	4	16	30	60	0.387	74	5	WE,BK,GN,RD	BK
569645	30505	18	5	16	30	85	0.462	106	5	BK,WE,RD,GN,OE	BK
598758	30605	18	6	16	30	80	0.484	116	5	BK,WE,RD,GN,OE,BE	BK
598728	30705	18	7	16	30	80	0.488	124	4	BK,WE,RD,GN,OE,BE,WE/BK	BK
598729	30805	18	8	16	30	80	0.517	138	4	BK,WE,RD,GN,OE,BE,WE/ BK,RD/BK	BK
598730	31005	18	10	16	30	80	0.600	170	3	See Table	BK
598731	31205	18	12	16	30	80	0.613	190	3	See Table	BK
598732	31405	18	14	16	30	80	0.640	214	3	See Table	BK
595487	31605	18	16	16	30	95	0.697	255	3	See Table	BK
598733	NA	18	24	41	30	100	0.810	344	3	See Table	BK
550634	22226	16	2	26	30	60	0.368	63	13	BK,WE	BK
550402	NA	16	3	26	30	60	0.387	77	10	BK,WE,GN	BK
550464	22426	16	4	26	30	60	0.416	93	8	BK,WE,GN,RD	BK
550555	30506	16	5	26	30	80	0.492	128	8	BK,WE,RD,GN,OE	BK
595375	30706	16	7	26	30	80	0.525	154	7	BK,WE,RD,GN,OE,BE,WE/BK	BK
562791	30606	16	6	26	30	85	0.533	149	8	BK,WE,RD,GN,OE,BE	BK
589888	30806	16	8	26	30	80	0.560	173	7	BK,WE,RD,GN,OE,BE,WE/ BK,RD/BK	BK
598735	31006	16	10	26	30	80	0.638	211	5	See Table	BK
594889	31206	16	12	26	30	95	0.698	259	5	See Table	BK
598736	31406	16	14	26	30	95	0.725	286	5	See Table	BK
598737	31606	16	16	26	30	95	0.757	316	5	See Table	BK
595667	NA	16	24	65	30	95	0.864	442	4	See Table	BK
550562	22227	14	2	41	45	80	0.497	113	18	BK,WE	BK
550398	22327	14	3	41	45	80	0.522	136	15	BK,WE,GN	BK
550399	22427	14	4	41	45	90	0.592	180	12	BK,WE,RD,GN	BK
550626	NA	14	5	41	45	95	0.642	214	12	BK,WE,RD,GN,OE	BK
598739	30607	14	6	41	45	95	0.690	247	12	BK,WE,RD,GN,OE,BE	BK
598740	30707	14	7	41	45	95	0.690	261	10	BK,WE,RD,GN,OE,BE,WE/BK	BK
598741	30807	14	8	41	45	95	0.743	298	10	BK,WE,RD,GN,OE,BE,WE/ BK,RD/BK	BK
589921	31007	14	10	41	45	95	0.835	352	7	See Table	BK
550432	22228	12	2	65	45	105	0.570	158	25	BK,WE	BK
550395	22328	12	3	65	45	95	0.603	193	20	BK,WE,GN	BK
550397	22428	12	4	65	45	95	0.642	231	16	BK,WE,RD,GN	BK
550497	30508	12	5	65	45	105	0.707	284	16	BK,WE,RD,GN,OE	BK
598745	30608	12	6	65	45	95	0.745	316	16	BK,WE,RD,GN,OE,BE	BK





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		
598746	30808	12	8	65	45	95	0.804	376	14	BK,WE,RD,GN,OE,BE,WE/ BK,RD/BK	BK
550431	22229	10	2	104	45	100	0.617	196	30	BK,WE	BK
550393	22329	10	3	104	45	105	0.652	246	25	BK,WE,GN	BK
550394	22429	10	4	104	45	100	0.703	304	20	BK,WE,RD,GN	BK
550875	30509	10	5	104	45	105	0.762	363	20	BK,WE,RD,GN,OE	BK
598752	30709	10	7	104	45	115	0.845	469	17	BK,WE,RD,GN,OE,BE,WE/BK	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.





**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		
550560	22225	18	2	16	0.76	1.52	8.69	77	10	BK,WE	BK
550561	22325	18	3	16	0.76	1.65	9.27	95	7	BK,WE,GN	BK
551469	22425	18	4	16	0.76	1.52	9.83	110	5	WE,BK,GN,RD	BK
569645	30505	18	5	16	0.76	2.16	11.73	158	5	BK,WE,RD,GN,OE	BK
598758	30605	18	6	16	0.76	2.03	12.29	173	5	BK,WE,RD,GN,OE,BE	BK
598728	30705	18	7	16	0.76	2.03	12.40	185	4	BK,WE,RD,GN,OE,BE,WE/BK	BK
598729	30805	18	8	16	0.76	2.03	13.13	205	4	BK,WE,RD,GN,OE,BE,WE/ BK,RD/BK	BK
598730	31005	18	10	16	0.76	2.03	15.24	253	3	See Table	BK
598731	31205	18	12	16	0.76	2.03	15.57	283	3	See Table	BK
598732	31405	18	14	16	0.76	2.03	16.26	318	3	See Table	BK
595487	31605	18	16	16	0.76	2.41	17.70	379	3	See Table	BK
598733	NA	18	24	41	0.76	2.54	20.57	512	3	See Table	BK
550634	22226	16	2	26	0.76	1.52	9.35	94	13	BK,WE	BK
550402	NA	16	3	26	0.76	1.52	9.83	115	10	BK,WE,GN	BK
550464	22426	16	4	26	0.76	1.52	10.57	138	8	BK,WE,GN,RD	BK
550555	30506	16	5	26	0.76	2.03	12.50	190	8	BK,WE,RD,GN,OE	BK
595375	30706	16	7	26	0.76	2.03	13.33	229	7	BK,WE,RD,GN,OE,BE,WE/BK	BK
562791	30606	16	6	26	0.76	2.16	13.54	222	8	BK,WE,RD,GN,OE,BE	BK
589888	30806	16	8	26	0.76	2.03	14.22	257	7	BK,WE,RD,GN,OE,BE,WE/ BK,RD/BK	BK
598735	31006	16	10	26	0.76	2.03	16.21	314	5	See Table	BK
594889	31206	16	12	26	0.76	2.41	17.73	385	5	See Table	BK
598736	31406	16	14	26	0.76	2.41	18.42	426	5	See Table	BK
598737	31606	16	16	26	0.76	2.41	19.23	470	5	See Table	BK
595667	NA	16	24	65	0.76	2.41	21.95	658	4	See Table	BK
550562	22227	14	2	41	1.14	2.03	12.62	168	18	BK,WE	BK
550398	22327	14	3	41	1.14	2.03	13.26	202	15	BK,WE,GN	BK
550399	22427	14	4	41	1.14	2.29	15.04	268	12	BK,WE,RD,GN	BK
550626	NA	14	5	41	1.14	2.41	16.31	318	12	BK,WE,RD,GN,OE	BK
598739	30607	14	6	41	1.14	2.41	17.53	368	12	BK,WE,RD,GN,OE,BE	BK
598740	30707	14	7	41	1.14	2.41	17.53	388	10	BK,WE,RD,GN,OE,BE,WE/BK	BK
598741	30807	14	8	41	1.14	2.41	18.87	443	10	BK,WE,RD,GN,OE,BE,WE/ BK,RD/BK	BK
589921	31007	14	10	41	1.14	2.41	21.21	524	7	See Table	BK
550432	22228	12	2	65	1.14	2.67	14.48	235	25	BK,WE	BK
550395	22328	12	3	65	1.14	2.41	15.32	287	20	BK,WE,GN	BK
550397	22428	12	4	65	1.14	2.41	16.31	344	16	BK,WE,RD,GN	BK
550497	30508	12	5	65	1.14	2.67	17.96	423	16	BK,WE,RD,GN,OE	BK
598745	30608	12	6	65	1.14	2.41	18.92	470	16	BK,WE,RD,GN,OE,BE	BK





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		
598746	30808	12	8	65	1.14	2.41	20.42	560	14	BK,WE,RD,GN,OE,BE,WE/ BK,RD/BK	BK
550431	22229	10	2	104	1.14	2.54	15.67	292	30	BK,WE	BK
550393	22329	10	3	104	1.14	2.67	16.56	366	25	BK,WE,GN	BK
550394	22429	10	4	104	1.14	2.54	17.86	452	20	BK,WE,RD,GN	BK
550875	30509	10	5	104	1.14	2.67	19.35	540	20	BK,WE,RD,GN,OE	BK
598752	30709	10	7	104	1.14	2.92	21.46	698	17	BK,WE,RD,GN,OE,BE,WE/BK	BK

\* Ampacities are based on TABLE 400.5(A)(1) of the 2023 National Electrical Code and CEC Table 12.

**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

