

# 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

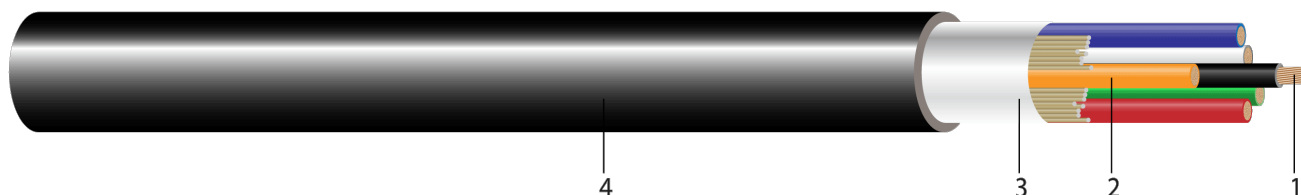


Image not to scale. See Table 1 for dimensions.

## 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-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.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.



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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 *	DC Resistance
		AWG/ Kcmil	Count	# x AWG	mil	mil	inch	lb/1000ft	Amp	Ω/1000ft
550560	22225	18	2	16/30	30	60	0.342	54	10	6.4
550561	22325	18	3	16/30	30	60	0.362	64	10	6.4
551469	22425	18	4	16/30	30	60	0.387	79	7	6.4
569645	30505	18	5	16/30	30	80	0.462	108	5	6.4
598758	30605	18	6	16/30	30	-	0.484	118	5.5	6.4
598728	30705	18	7	16/30	30	-	0.484	125	4.5	6.4
598729	30805	18	8	16/30	30	-	0.517	141	4.5	6.4
598730	31005	18	10	16/30	30	-	0.592	169	3.5	6.4
598731	31205	18	12	16/30	30	-	0.61	192	3.5	6.4
598732	31405	18	14	16/30	30	-	0.636	216	3.5	6.4
595487	31605	18	16	16/30	30	-	0.695	252	3.5	6.4
598733	NA	18	24	18/41	30	100	0.810	343	3.5	3.521
550634	22226	16	2	26/30	30	60	0.367	62	13	4.12
550464	22426	16	4	26/30	30	60	0.415	91	10	4.12
550555	30506	16	5	26/30	30	80	0.492	128	8	4.12
562791	30606	16	6	26/30	30	-	0.522	144	8	4.12
595375	30706	16	7	26/30	30	-	0.522	153	7	4.12
589888	30806	16	8	26/30	30	-	0.56	173	7	4.12
598735	31006	16	10	26/30	30	-	0.634	210	5	4.12
594889	31206	16	12	26/30	30	-	0.698	260	5	4.12
598736	31406	16	14	26/30	30	-	0.725	285	5	4.12
598737	31606	16	16	26/30	30	-	0.755	314	5	4.12
595667	NA	16	24	26/30	30	97	0.864	441	5	4.12
598738	33006	16	30	26/30	30	-	0.99	553	4.5	4.12
550562	22227	14	2	41/30	45	80	0.497	114	18	2.64
550398	22327	14	3	41/30	45	80	0.522	140	18	2.64
550399	22427	14	4	41/30	45	80	0.565	166	15	2.64
550626	30507	14	5	41/30	45	95	0.642	214	12	2.64
550626	30507	14	5	41/30	45	-	0.642	212	4	2.64
598739	30607	14	6	41/30	45	-	0.69	245	12	2.64
598740	30707	14	7	41/30	50	-	0.69	261	10	2.64
598741	30807	14	8	41/30	50	-	0.743	295	10	2.64
589921	31007	14	10	41/30	50	-	0.858	358	7	2.64
598742	31207	14	12	41/30	50	-	0.885	405	7	2.64
598743	31607	14	16	41/30	50	-	1.007	533	7	2.64
598744	33007	14	30	41/30	50	-	1.31	945	6	2.64
550432	22228	12	2	65/30	45	95	0.57	153	25	1.66
550395	22328	12	3	65/30	45	95	0.592	185	25	1.66
550397	22428	12	4	65/30	45	95	0.642	227	20	1.66
550497	30508	12	5	65/30	45	95	0.707	280	16	1.66



Stock Number	CCI Part #	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity *	DC Resistance
		AWG/Kcmil	Count	# x AWG	mil	mil	inch	lb/1000ft	Amp	$\Omega$ /1000ft
598745	30608	12	6	65/30	45	-	0.745	308	16	1.66
598746	30808	12	8	65/30	45	-	0.802	373	14	1.66
598750	31208	12	12	65/30	45	-	0.99	552	10	1.66
550431	22229	10	2	104/30	45	105	0.615	196	30	1.05
550393	22329	10	3	104/30	45	105	0.65	245	30	1.05
550394	22429	10	4	104/30	45	105	0.702	301	25	1.05
550875	30509	10	5	104/30	45	105	0.76	358	20	1.05
598751	30609	10	6	104/30	45	105	0.82	421	20	1.05
598752	30709	10	7	104/30	45	105	0.85	449	17	1.05
598753	31009	10	10	104/30	45	105	1.052	649	12	1.05

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.



**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 *	DC Resistance
		AWG/ Kcmil	Count	# x AWG	mm	mm	mm	kg/km	Amp	Ω/km
550560	22225	18	2	16/30	0.76	1.52	8.69	80	10	21.00
550561	22325	18	3	16/30	0.76	1.52	9.19	95	10	21.00
551469	22425	18	4	16/30	0.76	1.52	9.83	118	7	21.00
569645	30505	18	5	16/30	0.76	2.03	11.73	161	5	21.00
598758	30605	18	6	16/30	0.76		12.29	176	5.5	21.00
598728	30705	18	7	16/30	0.76		12.29	186	4.5	21.00
598729	30805	18	8	16/30	0.76		13.13	210	4.5	21.00
598730	31005	18	10	16/30	0.76		15.04	251	3.5	21.00
598731	31205	18	12	16/30	0.76		15.49	286	3.5	21.00
598732	31405	18	14	16/30	0.76		16.15	321	3.5	21.00
595487	31605	18	16	16/30	0.76		17.65	375	3.5	21.00
598733	NA	18	24	18/41	0.76	2.54	20.57	510	3.5	11.55
550634	22226	16	2	26/30	0.76	1.52	9.32	92	13	13.52
550464	22426	16	4	26/30	0.76	1.52	10.54	135	10	13.52
550555	30506	16	5	26/30	0.76	2.03	12.50	190	8	13.52
562791	30606	16	6	26/30	0.76		13.26	214	8	13.52
595375	30706	16	7	26/30	0.76		13.26	228	7	13.52
589888	30806	16	8	26/30	0.76		14.22	257	7	13.52
598735	31006	16	10	26/30	0.76		16.10	313	5	13.52
594889	31206	16	12	26/30	0.76		17.73	387	5	13.52
598736	31406	16	14	26/30	0.76		18.42	424	5	13.52
598737	31606	16	16	26/30	0.76		19.18	467	5	13.52
595667	NA	16	24	26/30	0.76	2.46	21.95	656	5	13.52
598738	33006	16	30	26/30	0.76		25.15	823	4.5	13.52
550562	22227	14	2	41/30	1.14	2.03	12.62	170	18	8.66
550398	22327	14	3	41/30	1.14	2.03	13.26	208	18	8.66
550399	22427	14	4	41/30	1.14	2.03	14.35	247	15	8.66
550626	30507	14	5	41/30	1.14	2.41	16.31	318	12	8.66
550626	30507	14	5	41/30	1.14		16.31	315	4	8.66
598739	30607	14	6	41/30	1.14		17.53	365	12	8.66
598740	30707	14	7	41/30	1.27		17.53	388	10	8.66
598741	30807	14	8	41/30	1.27		18.87	439	10	8.66
589921	31007	14	10	41/30	1.27		21.79	533	7	8.66
598742	31207	14	12	41/30	1.27		22.48	603	7	8.66
598743	31607	14	16	41/30	1.27		25.58	793	7	8.66
598744	33007	14	30	41/30	1.27		33.27	1406	6	8.66
550432	22228	12	2	65/30	1.14	2.41	14.48	228	25	5.45
550395	22328	12	3	65/30	1.14	2.41	15.04	275	25	5.45
550397	22428	12	4	65/30	1.14	2.41	16.31	338	20	5.45
550497	30508	12	5	65/30	1.14	2.41	17.96	417	16	5.45



Stock Number	CCI Part #	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity *	DC Resistance
		AWG/Kcmil	Count	# x AWG	mm	mm	mm	kg/km	Amp	Ω/km
598745	30608	12	6	65/30	1.14		18.92	458	16	5.45
598746	30808	12	8	65/30	1.14		20.37	555	14	5.45
598750	31208	12	12	65/30	1.14		25.15	821	10	5.45
550431	22229	10	2	104/30	1.14	2.67	15.62	292	30	3.44
550393	22329	10	3	104/30	1.14	2.67	16.51	365	30	3.44
550394	22429	10	4	104/30	1.14	2.67	17.83	448	25	3.44
550875	30509	10	5	104/30	1.14	2.67	19.30	533	20	3.44
598751	30609	10	6	104/30	1.14	2.67	20.83	627	20	3.44
598752	30709	10	7	104/30	1.14	2.67	21.59	668	17	3.44
598753	31009	10	10	104/30	1.14	2.67	26.72	966	12	3.44

## 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

