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

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

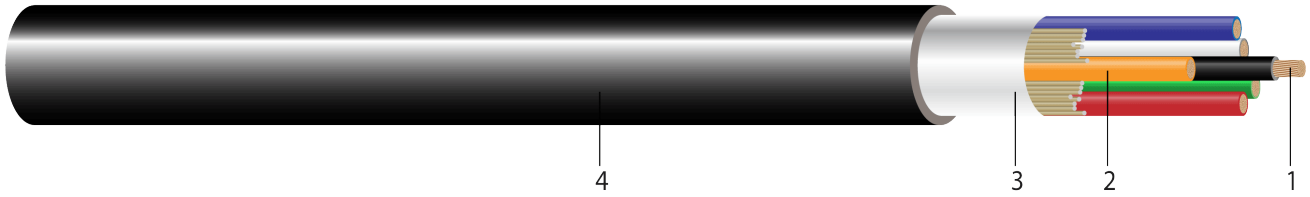

Image not to scale. See Table 1 for dimensions.

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 SEOOW 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 SEOOW 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.XXmm2) SEOOW E46194 (UL) 600V -40C TO 105C -- CSA LL90458 SEOOW 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	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	Black
550561	22325	18	3	16	30	65	0.365	64	7	BK/WE/GN	Black
551469	22425	18	4	16	30	60	0.387	74	5	WE/BK/ GN/R	Black
569645	30505	18	5	16	30	85	0.462	106	5	BK/WE/ RD/G	Black
598758	30605	18	6	16	30	80	0.484	116	5	BK/WE/ RD/G	Black
598728	30705	18	7	16	30	80	0.488	124	4	BK/WE/ RD/G	Black
598729	30805	18	8	16	30	80	0.517	138	4	BK/WE/ RD/G	Black
598730	31005	18	10	16	30	80	0.600	170	3	BK/WE/ RD/G	Black
598731	31205	18	12	16	30	80	0.613	190	3	BK/WE/ RD/G	Black
598732	31405	18	14	16	30	80	0.640	214	3	BK/WE/ RD/G	Black
595487	31605	18	16	16	30	95	0.697	255	3	BK/WE/ RD/G	Black
598733	NA	18	24	41	30	100	0.810	344	3	BK/WE/ RD/G	Black
550634	22226	16	2	26	30	60	0.368	63	13	BK/WE	Black
550402	NA	16	3	26	30	60	0.387	77	10	BK/WE/GN	Black
550464	22426	16	4	26	30	60	0.416	93	8	BK/WE/ GN/R	Black
550555	30506	16	5	26	30	80	0.492	128	8	BK/WE/ RD/G	Black
595375	30706	16	7	26	30	80	0.525	154	7	BK/WE/ RD/G	Black
562791	30606	16	6	26	30	85	0.533	149	8	BK/WE/ RD/G	Black
589888	30806	16	8	26	30	80	0.560	173	7	BK/WE/ RD/G	Black
598735	31006	16	10	26	30	80	0.638	211	5	BK/WE/ RD/G	Black
594889	31206	16	12	26	30	95	0.698	259	5	BK/WE/ RD/G	Black
598736	31406	16	14	26	30	95	0.725	286	5	BK/WE/ RD/G	Black
598737	31606	16	16	26	30	95	0.757	316	5	BK/WE/ RD/G	Black
595667	NA	16	24	65	30	95	0.864	442	4	BK/WE/ RD/G	Black
550562	22227	14	2	41	45	80	0.497	113	18	BK/WE	Black
550398	22327	14	3	41	45	80	0.522	136	15	BK/WE/GN	Black

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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		
550399	22427	14	4	41	45	90	0.592	180	12	BK/WE/ RD/G	Black
550626	NA	14	5	41	45	95	0.642	214	12	BK/WE/ RD/G	Black
598739	30607	14	6	41	45	95	0.690	247	12	BK/WE/ RD/G	Black
598740	30707	14	7	41	45	95	0.690	261	10	BK/WE/ RD/G	Black
598741	30807	14	8	41	45	95	0.743	298	10	BK/WE/ RD/G	Black
589921	31007	14	10	41	45	95	0.835	352	7	BK/WE/ RD/G	Black
550432	22228	12	2	65	45	105	0.570	158	25	BK/WE	Black
550395	22328	12	3	65	45	95	0.603	193	20	BK/WE/GN	Black
550397	22428	12	4	65	45	95	0.642	231	16	BK/WE/ RD/G	Black
550497	30508	12	5	65	45	105	0.707	284	16	BK/WE/ RD/G	Black
598745	30608	12	6	65	45	95	0.745	316	16	BK/WE/ RD/G	Black
598746	30808	12	8	65	45	95	0.804	376	14	BK/WE/ RD/G	Black
550431	22229	10	2	104	45	100	0.617	196	30	BK/WE	Black
550393	22329	10	3	104	45	105	0.652	246	25	BK/WE/GN	Black
550394	22429	10	4	104	45	100	0.703	304	20	BK/WE/ RD/G	Black
550875	30509	10	5	104	45	105	0.762	363	20	BK/WE/ RD/G	Black
598752	30709	10	7	104	45	115	0.845	469	17	BK/WE/ RD/G	Black

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.

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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	Black
550561	22325	18	3	16	0.76	1.65	9.27	95	7	BK/WE/GN	Black
551469	22425	18	4	16	0.76	1.52	9.83	110	5	WE/BK/ GN/R	Black
569645	30505	18	5	16	0.76	2.16	11.73	158	5	BK/WE/ RD/G	Black
598758	30605	18	6	16	0.76	2.03	12.29	173	5	BK/WE/ RD/G	Black
598728	30705	18	7	16	0.76	2.03	12.40	185	4	BK/WE/ RD/G	Black
598729	30805	18	8	16	0.76	2.03	13.13	205	4	BK/WE/ RD/G	Black
598730	31005	18	10	16	0.76	2.03	15.24	253	3	BK/WE/ RD/G	Black
598731	31205	18	12	16	0.76	2.03	15.57	283	3	BK/WE/ RD/G	Black
598732	31405	18	14	16	0.76	2.03	16.26	318	3	BK/WE/ RD/G	Black
595487	31605	18	16	16	0.76	2.41	17.70	379	3	BK/WE/ RD/G	Black
598733	NA	18	24	41	0.76	2.54	20.57	512	3	BK/WE/ RD/G	Black
550634	22226	16	2	26	0.76	1.52	9.35	94	13	BK/WE	Black
550402	NA	16	3	26	0.76	1.52	9.83	115	10	BK/WE/GN	Black
550464	22426	16	4	26	0.76	1.52	10.57	138	8	BK/WE/ GN/R	Black
550555	30506	16	5	26	0.76	2.03	12.50	190	8	BK/WE/ RD/G	Black
595375	30706	16	7	26	0.76	2.03	13.33	229	7	BK/WE/ RD/G	Black
562791	30606	16	6	26	0.76	2.16	13.54	222	8	BK/WE/ RD/G	Black
589888	30806	16	8	26	0.76	2.03	14.22	257	7	BK/WE/ RD/G	Black
598735	31006	16	10	26	0.76	2.03	16.21	314	5	BK/WE/ RD/G	Black
594889	31206	16	12	26	0.76	2.41	17.73	385	5	BK/WE/ RD/G	Black
598736	31406	16	14	26	0.76	2.41	18.42	426	5	BK/WE/ RD/G	Black
598737	31606	16	16	26	0.76	2.41	19.23	470	5	BK/WE/ RD/G	Black
595667	NA	16	24	65	0.76	2.41	21.95	658	4	BK/WE/ RD/G	Black
550562	22227	14	2	41	1.14	2.03	12.62	168	18	BK/WE	Black
550398	22327	14	3	41	1.14	2.03	13.26	202	15	BK/WE/GN	Black

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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		
550399	22427	14	4	41	1.14	2.29	15.04	268	12	BK/WE/ RD/G	Black
550626	NA	14	5	41	1.14	2.41	16.31	318	12	BK/WE/ RD/G	Black
598739	30607	14	6	41	1.14	2.41	17.53	368	12	BK/WE/ RD/G	Black
598740	30707	14	7	41	1.14	2.41	17.53	388	10	BK/WE/ RD/G	Black
598741	30807	14	8	41	1.14	2.41	18.87	443	10	BK/WE/ RD/G	Black
589921	31007	14	10	41	1.14	2.41	21.21	524	7	BK/WE/ RD/G	Black
550432	22228	12	2	65	1.14	2.67	14.48	235	25	BK/WE	Black
550395	22328	12	3	65	1.14	2.41	15.32	287	20	BK/WE/GN	Black
550397	22428	12	4	65	1.14	2.41	16.31	344	16	BK/WE/ RD/G	Black
550497	30508	12	5	65	1.14	2.67	17.96	423	16	BK/WE/ RD/G	Black
598745	30608	12	6	65	1.14	2.41	18.92	470	16	BK/WE/ RD/G	Black
598746	30808	12	8	65	1.14	2.41	20.42	560	14	BK/WE/ RD/G	Black
550431	22229	10	2	104	1.14	2.54	15.67	292	30	BK/WE	Black
550393	22329	10	3	104	1.14	2.67	16.56	366	25	BK/WE/GN	Black
550394	22429	10	4	104	1.14	2.54	17.86	452	20	BK/WE/ RD/G	Black
550875	30509	10	5	104	1.14	2.67	19.35	540	20	BK/WE/ RD/G	Black
598752	30709	10	7	104	1.14	2.92	21.46	698	17	BK/WE/ RD/G	Black

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

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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