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

600 Volt Cord. -50°C to 105°C Premium Oil Resistance, Sunlight, Water Resistance and Flame Retardant

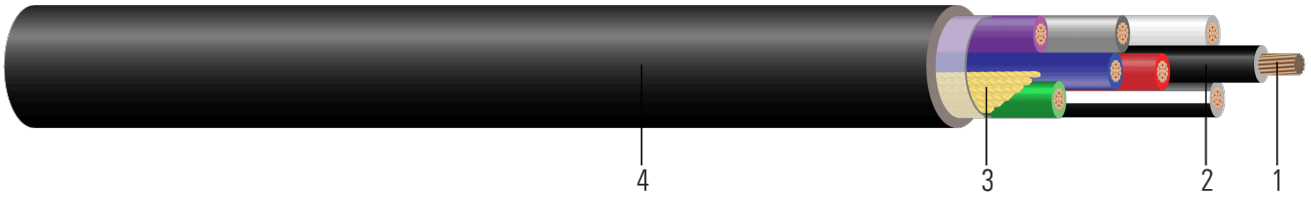


Image not to scale. See Table 1 for dimensions.

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:** TPE

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 -50°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 -50C 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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UPDATED: Aug. 27, 2025, 2:15 p.m.UTC REVISION: 1.000.014

Table 1 – Weights and Measurements

Stock Number	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity	DC Resistance	Insul. Color	Jacket Color
	AWG/ Kcmil	No.	No.	mil	mil	inch	lb/1000ft	Amp	Ω/1000ft		
550560	18	2	16	30	65	0.352	56	10	6.659	BK,WE	BK
550561	18	3	16	30	65	0.365	64	7	6.659	BK,WE,GN	BK
551469	18	4	16	30	60	0.387	75	6	6.659	WE,BK,GN,RD	BK
569645	18	5	16	30	90	0.472	110	6	6.659	BK,WE,RD,GN,OE	BK
598758	18	6	16	30	80	0.484	118	6	6.659	BK,WE,RD,GN,OE,BE	BK
598728	18	7	16	30	80	0.488	125	5	6.659	BK,WE,RD,GN,OE,BE,WE/BK	BK
598729	18	8	16	30	80	0.517	141	5	6.659	BK,WE,RD,GN,OE,BE,WE/ BK,RD/BK	BK
598730	18	10	16	30	80	0.592	175	4	6.659	SEE TABLE	BK
598731	18	12	16	30	80	0.613	194	4	6.659	SEE TABLE	BK
598732	18	14	16	30	80	0.64	214	4	6.659	SEE TABLE	BK
595487	18	16	16	30	95	0.697	261	4	6.659	SEE TABLE	BK
598733	18	24	41	30	100	0.81	351	3	6.659	SEE TABLE	BK
550634	16	2	26	30	60	0.368	63	13	4.181	BK,WE	BK
550402	16	3	26	30	65	0.397	81	10	4.181	BK,WE,GN	BK
550464	16	4	26	30	65	0.422	95	8	4.181	BK,WE,GN,RD	BK
598764	16	5	26	30	80	0.492	130	8	4.181	BK,WE,RD,GN,OE	WE
550555	16	5	26	30	85	0.502	134	8	4.181	BK,WE,RD,GN,OE	BK
595375	16	7	26	30	80	0.525	158	7	4.181	BK,WE,RD,GN,OE,BE,WE/BK	BK
562791	16	6	26	30	85	0.533	151	8	4.181	BK,WE,RD,GN,OE,BE	BK
589888	16	8	26	30	80	0.56	179	7	4.181	BK,WE,RD,GN,OE,BE,WE/ BK,RD/BK	BK
598734	16	9	26	30	85	0.608	202	7	4.181	BK,WE,RD,GN,OE,BE,WE/ BK,RD/BK,GN/BK	BK
598735	16	10	26	30	80	0.638	212	5	4.181	SEE TABLE	BK
594889	16	12	26	30	95	0.691	260	5	4.181	SEE TABLE	BK
598736	16	14	26	30	95	0.725	292	5	4.181	SEE TABLE	BK
598737	16	16	26	30	95	0.757	317	5	4.181	SEE TABLE	BK
595667	16	24	65	30	95	0.864	449	4	4.181	SEE TABLE	BK
550562	14	2	41	45	85	0.507	118	18	2.621	BK,WE	BK
550398	14	3	41	45	85	0.526	142	15	2.621	BK,WE,GN	BK
550399	14	4	41	45	90	0.592	182	12	2.621	BK,WE,RD,GN	BK
550626	14	5	41	45	95	0.642	216	12	2.621	BK,WE,RD,GN,OE	BK
598739	14	6	41	45	95	0.69	248	12	2.621	BK,WE,RD,GN,OE,BE	BK
598740	14	7	41	45	95	0.69	267	10	2.621	BK,WE,RD,GN,OE,BE,WE/BK	BK
598741	14	8	41	45	95	0.743	304	10	2.621	BK,WE,RD,GN,OE,BE,WE/ BK,RD/BK	BK
589921	14	10	41	45	95	0.835	363	8	2.621	SEE TABLE	BK
550432	12	2	65	45	100	0.577	159	25	1.652	BK,WE	BK
550395	12	3	65	45	100	0.603	193	20	1.652	BK,WE,GN	BK
550397	12	4	65	45	105	0.661	242	16	1.652	BK,WE,RD,GN	BK

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Stock Number	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity	DC Resistance	Insul. Color	Jacket Color
	AWG/ Kcmil	No.	No.	mil	mil	inch	lb/1000ft	Amp	Ω/1000ft		
550497	12	5	65	45	115	0.739	299	16	1.652	BK,WE,RD,GN,OE	BK
598745	12	6	65	45	95	0.755	320	16	1.652	BK,WE,RD,GN,OE,BE	BK
598746	12	8	65	45	95	0.804	377	14	1.652	BK,WE,RD,GN,OE,BE,WE/ BK,RD/BK	BK
550431	10	2	104	45	110	0.627	204	30	1.04	BK,WE	BK
550393	10	3	104	45	110	0.662	252	25	1.04	BK,WE,GN	BK
550394	10	4	104	45	105	0.712	310	20	1.04	BK,WE,RD,GN	BK
550875	10	5	104	45	110	0.772	364	20	1.04	BK,WE,RD,GN,OE	BK
598752	10	7	104	45	115	0.845	469	18	1.04	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.

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Table 2 – Weights and Measurements (Metric)

Stock Number	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity *	DC Resistance	Insul. Color	Jacket Color
	AWG/ Kcmil	No.	No.	mm	mm	mm	kg/km	Amp	Ω/km		
550560	18	2	16	0.76	1.65	8.94	83	10	21.85	BK,WE	BK
550561	18	3	16	0.76	1.65	9.27	95	7	21.85	BK,WE,GN	BK
551469	18	4	16	0.76	1.52	9.83	112	6	21.85	WE,BK,GN,RD	BK
569645	18	5	16	0.76	2.29	11.99	164	6	21.85	BK,WE,RD,GN,OE	BK
598758	18	6	16	0.76	2.03	12.29	176	6	21.85	BK,WE,RD,GN,OE,BE	BK
598728	18	7	16	0.76	2.03	12.40	186	5	21.85	BK,WE,RD,GN,OE,BE,WE/BK	BK
598729	18	8	16	0.76	2.03	13.13	210	5	21.85	BK,WE,RD,GN,OE,BE,WE/ BK,RD/BK	BK
598730	18	10	16	0.76	2.03	15.04	260	4	21.85	SEE TABLE	BK
598731	18	12	16	0.76	2.03	15.57	289	4	21.85	SEE TABLE	BK
598732	18	14	16	0.76	2.03	16.26	318	4	21.85	SEE TABLE	BK
595487	18	16	16	0.76	2.41	17.70	388	4	21.85	SEE TABLE	BK
598733	18	24	41	0.76	2.54	20.57	522	3	21.85	SEE TABLE	BK
550634	16	2	26	0.76	1.52	9.35	94	13	13.72	BK,WE	BK
550402	16	3	26	0.76	1.65	10.08	121	10	13.72	BK,WE,GN	BK
550464	16	4	26	0.76	1.65	10.72	141	8	13.72	BK,WE,GN,RD	BK
598764	16	5	26	0.76	2.03	12.50	193	8	13.72	BK,WE,RD,GN,OE	WE
550555	16	5	26	0.76	2.16	12.75	199	8	13.72	BK,WE,RD,GN,OE	BK
595375	16	7	26	0.76	2.03	13.33	235	7	13.72	BK,WE,RD,GN,OE,BE,WE/BK	BK
562791	16	6	26	0.76	2.16	13.54	225	8	13.72	BK,WE,RD,GN,OE,BE	BK
589888	16	8	26	0.76	2.03	14.22	266	7	13.72	BK,WE,RD,GN,OE,BE,WE/ BK,RD/BK	BK
598734	16	9	26	0.76	2.16	15.44	301	7	13.72	BK,WE,RD,GN,OE,BE,WE/ BK,RD/BK,GN/BK	BK
598735	16	10	26	0.76	2.03	16.21	315	5	13.72	SEE TABLE	BK
594889	16	12	26	0.76	2.41	17.55	387	5	13.72	SEE TABLE	BK
598736	16	14	26	0.76	2.41	18.42	435	5	13.72	SEE TABLE	BK
598737	16	16	26	0.76	2.41	19.23	472	5	13.72	SEE TABLE	BK
595667	16	24	65	0.76	2.41	21.95	668	4	13.72	SEE TABLE	BK
550562	14	2	41	1.14	2.16	12.88	176	18	8.60	BK,WE	BK
550398	14	3	41	1.14	2.16	13.36	211	15	8.60	BK,WE,GN	BK
550399	14	4	41	1.14	2.29	15.04	271	12	8.60	BK,WE,RD,GN	BK
550626	14	5	41	1.14	2.41	16.31	321	12	8.60	BK,WE,RD,GN,OE	BK
598739	14	6	41	1.14	2.41	17.53	369	12	8.60	BK,WE,RD,GN,OE,BE	BK
598740	14	7	41	1.14	2.41	17.53	397	10	8.60	BK,WE,RD,GN,OE,BE,WE/BK	BK
598741	14	8	41	1.14	2.41	18.87	452	10	8.60	BK,WE,RD,GN,OE,BE,WE/ BK,RD/BK	BK
589921	14	10	41	1.14	2.41	21.21	540	8	8.60	SEE TABLE	BK
550432	12	2	65	1.14	2.54	14.66	237	25	5.42	BK,WE	BK
550395	12	3	65	1.14	2.54	15.32	287	20	5.42	BK,WE,GN	BK
550397	12	4	65	1.14	2.67	16.79	360	16	5.42	BK,WE,RD,GN	BK

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Stock Number	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity *	DC Resistance	Insul. Color	Jacket Color
	AWG/ Kcmil	No.	No.	mm	mm	mm	kg/km	Amp	Ω/km		
550497	12	5	65	1.14	2.92	18.77	445	16	5.42	BK,WE,RD,GN,OE	BK
598745	12	6	65	1.14	2.41	19.18	476	16	5.42	BK,WE,RD,GN,OE,BE	BK
598746	12	8	65	1.14	2.41	20.42	561	14	5.42	BK,WE,RD,GN,OE,BE,WE/ BK,RD/BK	BK
550431	10	2	104	1.14	2.79	15.93	304	30	3.41	BK,WE	BK
550393	10	3	104	1.14	2.79	16.81	375	25	3.41	BK,WE,GN	BK
550394	10	4	104	1.14	2.67	18.08	461	20	3.41	BK,WE,RD,GN	BK
550875	10	5	104	1.14	2.79	19.61	542	20	3.41	BK,WE,RD,GN,OE	BK
598752	10	7	104	1.14	2.92	21.46	698	18	3.41	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 Table (/ means stripe RD/WE is Red with White Stripe)

Stock Number	Size (AWG)	Conductor Number	Insulation Color	Filler/ Binder
598730	18	10	BK,WH,RD,GN,OE,BE,WE/BK,RD/BK,GN/BK,OE/BK	Poly/ Paper
598731	18	12	BK,WH,RD,GN,OE,BE,WE/BK,RD/BK,GN/BK,OE/BK,BE/BK,BK/WE	Poly/ Paper
598732	18	14	BK,WH,RD,GN,OE,BE,WE/BK,RD/BK,GN/BK,OE/BK,BE/BK,BK/WE,RD/WE,GN/WE	Poly/ Paper
595487	18	16	BK,WH,RD,GN,OE,BE,WE/BK,RD/BK,GN/BK,OE/BK,BE/BK,BK/WE,RD/WE,GN/WE,BE/WE,BK/RD	Poly/ Paper
598733	18	24	BK,WH,RD,GN,OE,BE,WE/BK,RD/BK,GN/BK,OE/BK,BE/BK,BK/WE,RD/WE,GN/WE,BE/WE,BK/RD,WE/RD,OE/ RD,BE/RD,RD/GN,OE/GN,BK/WE,WE/BK,RD/BK	Poly/ Paper
598735	16	10	BK,WH,RD,GN,OE,BE,WE/BK,RD/BK,GN/BK,OE/BK	Poly/ Paper
594889	16	12	BK,WH,RD,GN,OE,BE,WE/BK,RD/BK,GN/BK,OE/BK,BE/BK,BK/WE	Poly/ Paper
598736	16	14	BK,WH,RD,GN,OE,BE,WE/BK,RD/BK,GN/BK,OE/BK,BE/BK,BK/WE,RD/WE,GN/WE	Poly/ Paper
598737	16	16	BK,WH,RD,GN,OE,BE,WE/BK,RD/BK,GN/BK,OE/BK,BE/BK,BK/WE,RD/WE,GN/WE,BE/WE,BK/RD	Poly/ Paper
595667	16	24	BK,WH,RD,GN,OE,BE,WE/BK,RD/BK,GN/BK,OE/BK,BE/BK,BK/WE,RD/WE,GN/WE,BE/WE,BK/RD,WE/RD,OE/ RD,BE/RD,RD/GN,OE/GN,BK/WE,WE/BK,RD/BK	Poly/ Paper
589921	14	10	BK,WH,RD,GN,OE,BE,WE/BK,RD/BK,GN/BK,OE/BK	Poly/ Paper

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