

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

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

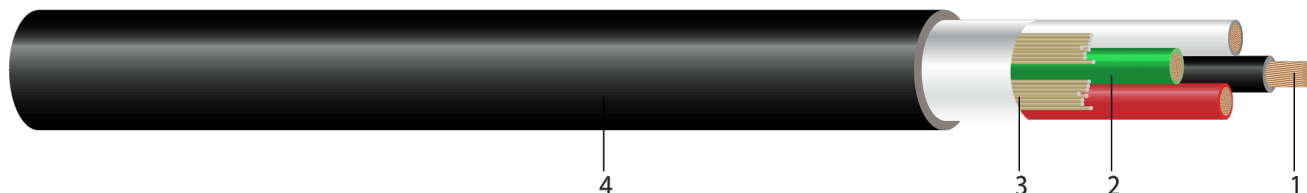


Image not to scale. See Table 1 for dimensions.

## 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

## SAMPLE PRINT LEGEND:

SOUTHWIRE® SEOPRENE® CORD X/C XX AWG (X.XXmm<sup>2</sup>) SE00W E46194 (UL) 600V -40C TO 105C -- CSA LL90458  
ST00W(TPE) 600V -50C TO 105C FT2 WATER RESISTANT

## PACKAGING:

Standard lengths: 250', 500' and 1,000' reels. Other lengths available upon request.



Southwire Company, LLC | One Southwire Drive, Carrollton, GA 30119 | [www.southwire.com](http://www.southwire.com)



Southwire

**CABLETECH  
SUPPORT™**

Services

**Table 1 – Weights and Measurements**

Stock Number	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	18	2	16/30	30	60	0.342	54	10	6.4
550561	18	3	16/30	30	60	0.362	64	10	6.4
551469	18	4	16/30	30	60	0.387	79	7	6.4
569645	18	5	16/30	30	60	0.462	108	5	6.4
550634	16	2	26/30	30	60	0.367	62	13	4.12
550402	16	3	26/30	30	60	0.387	77	13	4.12
550464	16	4	26/30	30	60	0.415	91	10	4.12
550555	16	5	26/30	30	80	0.492	128	8	4.12
550562	14	2	41/30	45	80	0.497	114	18	2.64
550398	14	3	41/30	45	80	0.522	140	18	2.64
550399	14	4	41/30	45	80	0.565	166	15	2.64
550626	14	5	41/30	45	95	0.642	214	12	2.64
598739	14	6	41/30	45	95	0.690	248	12	2.64
550432	12	2	65/30	45	95	0.57	153	25	1.66
550395	12	3	65/30	45	95	0.592	185	25	1.66
550397	12	4	65/30	45	95	0.642	227	20	1.66
550497	12	5	65/30	45	95	0.707	280	16	1.66
550431	10	2	104/30	45	95	0.617	196	30	1.05
550393	10	3	104/30	45	95	0.652	245	30	1.05
550394	10	4	104/30	45	95	0.702	301	25	1.05
550875	10	5	104/30	45	95	0.762	358	20	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	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	18	2	16/30	0.76	1.52	8.69	80	10	21.00
550561	18	3	16/30	0.76	1.52	9.19	95	10	21.00
551469	18	4	16/30	0.76	1.52	9.83	118	7	21.00
569645	18	5	16/30	0.76	1.52	11.73	161	5	21.00
550634	16	2	26/30	0.76	1.52	9.32	92	13	13.52
550402	16	3	26/30	0.76	1.52	9.83	115	13	13.52
550464	16	4	26/30	0.76	1.52	10.54	135	10	13.52
550555	16	5	26/30	0.76	2.03	12.50	190	8	13.52
550562	14	2	41/30	1.14	2.03	12.62	170	18	8.66
550398	14	3	41/30	1.14	2.03	13.26	208	18	8.66
550399	14	4	41/30	1.14	2.03	14.35	247	15	8.66
550626	14	5	41/30	1.14	2.41	16.31	318	12	8.66
598739	14	6	41/30	1.14	2.41	17.53	369	12	8.66
550432	12	2	65/30	1.14	2.41	14.48	228	25	5.45
550395	12	3	65/30	1.14	2.41	15.04	275	25	5.45
550397	12	4	65/30	1.14	2.41	16.31	338	20	5.45
550497	12	5	65/30	1.14	2.41	17.96	417	16	5.45
550431	10	2	104/30	1.14	2.41	15.67	292	30	3.44
550393	10	3	104/30	1.14	2.41	16.56	365	30	3.44
550394	10	4	104/30	1.14	2.41	17.83	448	25	3.44
550875	10	5	104/30	1.14	2.41	19.35	533	20	3.44

**Color Code**

# of Conductor	Color Sequence
2	Black, White
3	Black, White, Green
4	Black, White, Red, Green
5	Black, White, Red, Green, Orange

