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

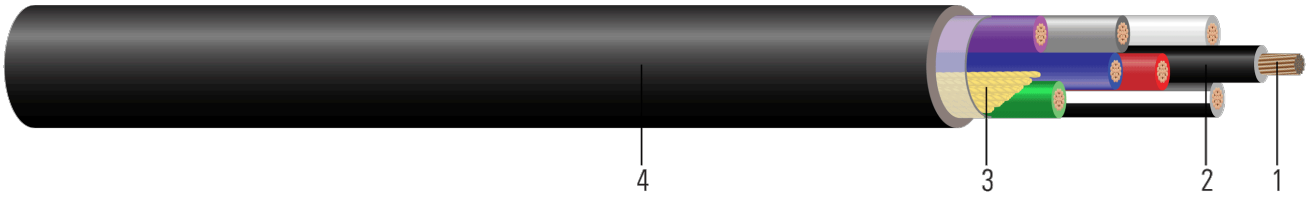

Image not to scale. See Table 1 for dimensions.

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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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		
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.

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		
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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