# 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

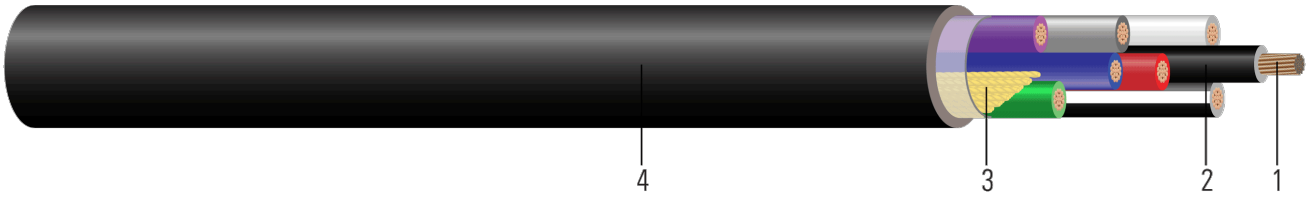



Image not to scale. See Table 1 for dimensions.

## 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 | | |
| 550399 | 14 | 4 | 41 | 45 | 90 | 0.592 | 182 | 12 | 2.621 | BK,WE,RD,GN | 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 | | |
| 550399 | 14 | 4 | 41 | 1.14 | 2.29 | 15.04 | 271 | 12 | 8.60 | BK,WE,RD,GN | 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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