



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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 Waukegan, IL 60085
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Seoprene® 600V SEOOW

Construction Parameters:

CONDUCTOR: 18 AWG - 10 AWG Class K stranded bare copper per ASTM B-174
INSULATION: TPE
Filler Type: Polypropylene
JACKET: TPE
JKT COLOR: Black (Other colors available upon request)

PRINT LEGEND: SOUTHWIRE® SEOPRENE® CORD X/C XX AWG (X.XXmm2) SEOOW E46194
 (UL) 600V -50C TO 105C -- CSA LL90458 STOOW(TPE) 600V -50C TO 105C FT2 WATER RESISTANT

INDENT LEGEND: P-241-3-MSHA

***INDENT LEGEND:** SOUTHWIRE® SEOPRENE® CORD X/C XX AWG (X.XXmm2) SEOOW E46194
 (UL) 600V -50C TO 105C -- CSA LL90458 STOOW(TPE) 600V -50C TO 105C FT2 WATER RESISTANT P-241-3-MSHA

Ink Jet Legend: XX/XX/XX (MONTH/DAY/YEAR) HH:MM (HOUR/MINUTE)

PHYSICAL PROPERTIES:

TEMPERATURE RANGE: -50°C to 105°C
WATER RESISTANT: YES
UV RESISTANT: YES

ELECTRICAL PROPERTIES:

VOLTAGE RATING: 600V rms, Max

Industry Approvals:

- o UL Standard 62
- o CSA Standard C22.2 No. 49
- o NEC Article 501.140 Class I Div. 2
- o NEC Article 400
- o Federal Spec JC580
- o Passes CSA FT2 Flame Test
- o MSHA
- o EPA 40 CFR, Part 26, Subpart C, heavy metals per Table 1, TCLP method

| Southwire Part No. | Discontinued Part No. | AWG | No. Cond. | Stranding | Insulation Wall, Nom. Inches | mm | Jacket Wall, Nom. Inches | mm | O.D., Nom. Inches | mm | Net Weight Lb./kft. | kg/km | Nom. DCR Q/1M' | Color Rotation |
|--------------------|-----------------------|-----|-----------|-----------|------------------------------|------|--------------------------|------|-------------------|-------|---------------------|-------|----------------|----------------------------------|
| 550560 | 22225 | 18 | 2 | 16/30 | 0.030 | 0.76 | 0.060 | 1.52 | 0.342 | 8.69 | 54 | 80 | 6.40 | Black, White |
| 550561 | 22325 | 18 | 3 | 16/30 | 0.030 | 0.76 | 0.060 | 1.52 | 0.362 | 9.19 | 64 | 95 | 6.40 | Black, White, Green |
| 551469 | 22425 | 18 | 4 | 16/30 | 0.030 | 0.76 | 0.060 | 1.52 | 0.387 | 9.83 | 79 | 118 | 6.40 | Black, White, Red, Green |
| 569645 | 30505 | 18 | 5 | 16/30 | 0.030 | 0.76 | 0.080 | 2.03 | 0.462 | 11.73 | 108 | 161 | 6.40 | Black, White, Red, Green, Orange |
| 550634 | 22226 | 16 | 2 | 26/30 | 0.030 | 0.76 | 0.060 | 1.52 | 0.367 | 9.32 | 62 | 92 | 4.12 | Black, White |
| 550402 | 22326 | 16 | 3 | 26/30 | 0.030 | 0.76 | 0.060 | 1.52 | 0.387 | 9.83 | 77 | 115 | 4.12 | Black, White, Green |
| 550464 | 22426 | 16 | 4 | 26/30 | 0.030 | 0.76 | 0.060 | 1.52 | 0.415 | 10.54 | 91 | 135 | 4.12 | Black, White, Red, Green |
| 550555 | 30506 | 16 | 5 | 26/30 | 0.030 | 0.76 | 0.080 | 2.03 | 0.492 | 12.50 | 128 | 190 | 4.12 | Black, White, Red, Green, Orange |
| 550562 | 22227 | 14 | 2 | 41/30 | 0.045 | 1.14 | 0.080 | 2.03 | 0.497 | 12.62 | 114 | 170 | 2.64 | Black, White |
| 550398 | 22327 | 14 | 3 | 41/30 | 0.045 | 1.14 | 0.080 | 2.03 | 0.522 | 13.26 | 140 | 208 | 2.64 | Black, White, Green |
| 550399 | 22427 | 14 | 4 | 41/30 | 0.045 | 1.14 | 0.080 | 2.03 | 0.565 | 14.35 | 166 | 247 | 2.64 | Black, White, Red, Green |
| 550626 | 30507 | 14 | 5 | 41/30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.642 | 16.31 | 214 | 318 | 2.64 | Black, White, Red, Green, Orange |
| 550432 | 22228 | 12 | 2 | 65/30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.570 | 14.48 | 153 | 228 | 1.66 | Black, White |
| 550395 | 22328 | 12 | 3 | 65/30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.592 | 15.04 | 185 | 275 | 1.66 | Black, White, Green |
| 550397 | 22428 | 12 | 4 | 65/30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.642 | 16.31 | 227 | 338 | 1.66 | Black, White, Red, Green |
| 550497 | 30508 | 12 | 5 | 65/30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.707 | 17.96 | 280 | 417 | 1.66 | Black, White, Red, Green, Orange |
| 550431 | 22229 | 10 | 2 | 104/30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.617 | 15.67 | 196 | 292 | 1.05 | Black, White |
| 550393 | 22329 | 10 | 3 | 104/30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.652 | 16.56 | 245 | 365 | 1.05 | Black, White, Green |
| 550394 | 22429 | 10 | 4 | 104/30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.702 | 17.83 | 301 | 448 | 1.05 | Black, White, Red, Green |
| 550875 | 30509 | 10 | 5 | 104/30 | 0.045 | 1.14 | 0.095 | 2.41 | 0.762 | 19.35 | 358 | 533 | 1.05 | Black, White, Red, Green, Orange |

Note: All dimensions & weights are nominal subject to industry standards and tolerances unless otherwise noted.

* Ampacity based on NEC Table 400.5(A) and CEC Table 12.

This product complies with European Directive 2011/65/EU (RoHS-2)
 The customer will accept all factory lengths and +/- 10 percent of total order requested.

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