

300V SEOPRENE® SJE00W Cord with Black Jacket 105°C

300 Volt 105°C Flexible Cord. Premium Oil Resistance, Sunlight, Chemical, Water Resistance and Flame Retardant

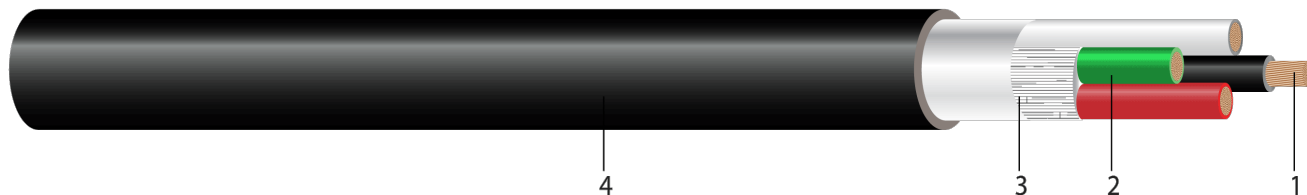


Image not to scale. See Table 1 for dimensions.

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 SJE00W Flexible Cords are permitted for indoor and outdoor temporary power uses, portable industrial machinery, compressors, conveyor and automated production equipment. Cords are suitable for use in temperatures between -50°C to maximum 105°C.

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
- Federal Specification J-C-580B

SAMPLE PRINT LEGEND:

SOUTHWIRE® SEOPRENE® CORD X/C XX AWG (X.XXmm²) SJE00W E46194 (UL) 300V -50C TO 105C -- CSA LL90458 SJTOOW(TPE) 300V -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 | CCI Part # | Cond. Size | Cond. Number | Cond. Strands | Jacket Thickness | Approx. OD | Approx. Weight | Ampacity * | DC Resistance |
|--------------|------------|------------|--------------|---------------|------------------|------------|----------------|------------|---------------|
| | | AWG/Kcmil | Count | # x AWG | mil | inch | lb/1000ft | Amp | Ω/1000ft |
| 550528 | 23225 | 18 | 2 | 16/30 | 35 | 0.285 | 37 | 10 | 6.59 |
| 550445 | 23325 | 18 | 3 | 16/30 | 37 | 0.308 | 49 | 10 | 6.59 |
| 550474 | 23425 | 18 | 4 | 16/30 | 33 | 0.328 | 59 | 7 | 6.59 |
| 550495 | 23226 | 16 | 2 | 26/30 | 34 | 0.31 | 46 | 13 | 4.05 |
| 550403 | 23326 | 16 | 3 | 26/30 | 3.5 | 0.328 | 59 | 13 | 4.05 |
| 550435 | 23426 | 16 | 4 | 26/30 | 32 | 0.355 | 73 | 10 | 4.05 |
| 582140^ | N/A | 14 | 2 | 41/30 | 34 | 0.34 | 60 | 18 | 2.55 |
| 550559 | 23227 | 14 | 2 | 41/30 | 34 | 0.34 | 60 | 18 | 2.55 |
| 550433 | 23327 | 14 | 3 | 41/30 | 35 | 0.363 | 79 | 18 | 2.55 |
| 550401 | 23427 | 14 | 4 | 41/30 | 32 | 0.393 | 98 | 15 | 2.55 |
| 550627 | 23228 | 12** | 2 | 65/30 | 51 | 0.41 | 90 | 25 | 1.61 |
| 550396 | 23328 | 12** | 3 | 65/30 | 47 | 0.428 | 116 | 25 | 1.61 |
| 550465 | 23428 | 12** | 4 | 65/30 | 48 | 0.468 | 150 | 20 | 1.61 |
| 550767 | 23229 | 10** | 2 | 104/30 | 68.5 | 0.545 | 155 | 30 | 0.98 |
| 550448 | 23329 | 10** | 3 | 104/30 | 66 | 0.573 | 200 | 30 | 0.98 |
| 550628 | 23429 | 10** | 4 | 104/30 | 67 | 0.628 | 257 | 25 | 0.98 |

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.

^ Color Sequence: Black, Red

** Not a Federal and Military Specification JC-580B

Table 2 – Weights and Measurements (Metric)

| Stock Number | CCI Part # | Cond. Size | Cond. Number | Cond. Strands | Jacket Thickness | Approx. OD | Approx. Weight | Ampacity * | DC Resistance |
|--------------|------------|------------|--------------|---------------|------------------|------------|----------------|------------|---------------|
| | | AWG/Kcmil | Count | # x AWG | mm | mm | kg/km | Amp | Ω/km |
| 550528 | 23225 | 18 | 2 | 16/30 | 0.89 | 7.24 | 55 | 10 | 21.62 |
| 550445 | 23325 | 18 | 3 | 16/30 | 0.94 | 7.82 | 73 | 10 | 21.62 |
| 550474 | 23425 | 18 | 4 | 16/30 | 0.84 | 8.33 | 88 | 7 | 21.62 |
| 550495 | 23226 | 16 | 2 | 26/30 | 0.86 | 7.87 | 68 | 13 | 13.29 |
| 550403 | 23326 | 16 | 3 | 26/30 | 0.09 | 8.33 | 88 | 13 | 13.29 |
| 550435 | 23426 | 16 | 4 | 26/30 | 0.81 | 9.02 | 109 | 10 | 13.29 |
| 582140^ | N/A | 14 | 2 | 41/30 | 0.86 | 8.64 | 89 | 18 | 8.37 |
| 550559 | 23227 | 14 | 2 | 41/30 | 0.86 | 8.64 | 89 | 18 | 8.37 |
| 550433 | 23327 | 14 | 3 | 41/30 | 0.89 | 9.22 | 118 | 18 | 8.37 |
| 550401 | 23427 | 14 | 4 | 41/30 | 0.81 | 9.98 | 146 | 15 | 8.37 |
| 550627 | 23228 | 12** | 2 | 65/30 | 1.30 | 10.41 | 134 | 25 | 5.28 |
| 550396 | 23328 | 12** | 3 | 65/30 | 1.19 | 10.87 | 173 | 25 | 5.28 |
| 550465 | 23428 | 12** | 4 | 65/30 | 1.22 | 11.89 | 223 | 20 | 5.28 |
| 550767 | 23229 | 10** | 2 | 104/30 | 1.74 | 13.84 | 231 | 30 | 3.22 |
| 550448 | 23329 | 10** | 3 | 104/30 | 1.68 | 14.55 | 298 | 30 | 3.22 |
| 550628 | 23429 | 10** | 4 | 104/30 | 1.70 | 15.95 | 382 | 25 | 3.22 |



Color Code

| # of Conductor | Color Sequence |
|----------------|--------------------------|
| 2 | Black, White |
| ^2 | Black, Red |
| 3 | Black, White, Green |
| 4 | Black, White, Red, Green |

