

## 600V SEOPRENE® SE00W Cord with Black Jacket 105°C

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

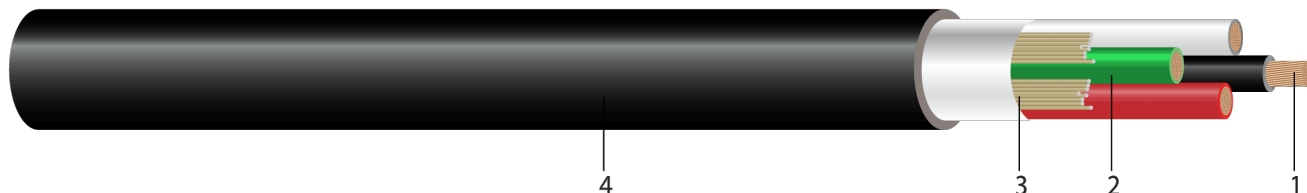


Image not to scale. See Table 1 for dimensions.

### 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 are permitted for Indoor and outdoor temporary power uses, portable industrial machinery and compressors, food processing and washdown facilities. Type SE00W 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
- NEC Article 501.140 Class I Division 2

### SAMPLE PRINT LEGEND:

SOUTHWIRE® SEOPRENE® CORD X/C XX AWG (X.XXmm<sup>2</sup>) SE00W E46194 (UL) 600V -50C 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.



**Table 1 – Weights and Measurements**

| Stock Number | CCI Part # | 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       | 22225      | 18         | 2            | 16/30         | 30               | 60               | 0.342      | 54             | 10         | 6.4           |
| 550561       | 22325      | 18         | 3            | 16/30         | 30               | 60               | 0.362      | 64             | 10         | 6.4           |
| 551469       | 22425      | 18         | 4            | 16/30         | 30               | 60               | 0.387      | 79             | 7          | 6.4           |
| 569645       | 30505      | 18         | 5            | 16/30         | 30               | 60               | 0.462      | 108            | 5          | 6.4           |
| 550634       | 22226      | 16         | 2            | 26/30         | 30               | 60               | 0.367      | 62             | 13         | 4.12          |
| 550402       | 22326      | 16         | 3            | 26/30         | 30               | 60               | 0.387      | 77             | 13         | 4.12          |
| 550464       | 22426      | 16         | 4            | 26/30         | 30               | 60               | 0.415      | 91             | 10         | 4.12          |
| 550555       | 30506      | 16         | 5            | 26/30         | 30               | 80               | 0.492      | 128            | 8          | 4.12          |
| 550562       | 22227      | 14         | 2            | 41/30         | 45               | 80               | 0.497      | 114            | 18         | 2.64          |
| 550398       | 22327      | 14         | 3            | 41/30         | 45               | 80               | 0.522      | 140            | 18         | 2.64          |
| 550399       | 22427      | 14         | 4            | 41/30         | 45               | 80               | 0.565      | 166            | 15         | 2.64          |
| 550626       | 30507      | 14         | 5            | 41/30         | 45               | 95               | 0.642      | 214            | 12         | 2.64          |
| 550432       | 22228      | 12         | 2            | 65/30         | 45               | 95               | 0.57       | 153            | 25         | 1.66          |
| 550395       | 22328      | 12         | 3            | 65/30         | 45               | 95               | 0.592      | 185            | 25         | 1.66          |
| 550397       | 22428      | 12         | 4            | 65/30         | 45               | 95               | 0.642      | 227            | 20         | 1.66          |
| 550497       | 30508      | 12         | 5            | 65/30         | 45               | 95               | 0.707      | 280            | 16         | 1.66          |
| 550431       | 22229      | 10         | 2            | 104/30        | 45               | 95               | 0.617      | 196            | 30         | 1.05          |
| 550393       | 22329      | 10         | 3            | 104/30        | 45               | 95               | 0.652      | 245            | 30         | 1.05          |
| 550394       | 22429      | 10         | 4            | 104/30        | 45               | 95               | 0.702      | 301            | 25         | 1.05          |
| 550875       | 30509      | 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 | CCI Part # | Cond. Size    | Cond. Number | Cond. Strands | Insul. Thickness | Jacket Thickness | Approx. OD | Approx. Weight | Ampacity * | DC Resistance |
|--------------|------------|---------------|--------------|---------------|------------------|------------------|------------|----------------|------------|---------------|
|              |            | AWG/<br>Kcmil | Count        | # x AWG       | mm               | mm               | mm         | kg/km          | Amp        | Ω/km          |
| 550560       | 22225      | 18            | 2            | 16/30         | 0.76             | 1.52             | 8.69       | 80             | 10         | 21.00         |
| 550561       | 22325      | 18            | 3            | 16/30         | 0.76             | 1.52             | 9.19       | 95             | 10         | 21.00         |
| 551469       | 22425      | 18            | 4            | 16/30         | 0.76             | 1.52             | 9.83       | 118            | 7          | 21.00         |
| 569645       | 30505      | 18            | 5            | 16/30         | 0.76             | 1.52             | 11.73      | 161            | 5          | 21.00         |
| 550634       | 22226      | 16            | 2            | 26/30         | 0.76             | 1.52             | 9.32       | 92             | 13         | 13.52         |
| 550402       | 22326      | 16            | 3            | 26/30         | 0.76             | 1.52             | 9.83       | 115            | 13         | 13.52         |
| 550464       | 22426      | 16            | 4            | 26/30         | 0.76             | 1.52             | 10.54      | 135            | 10         | 13.52         |
| 550555       | 30506      | 16            | 5            | 26/30         | 0.76             | 2.03             | 12.50      | 190            | 8          | 13.52         |
| 550562       | 22227      | 14            | 2            | 41/30         | 1.14             | 2.03             | 12.62      | 170            | 18         | 8.66          |
| 550398       | 22327      | 14            | 3            | 41/30         | 1.14             | 2.03             | 13.26      | 208            | 18         | 8.66          |
| 550399       | 22427      | 14            | 4            | 41/30         | 1.14             | 2.03             | 14.35      | 247            | 15         | 8.66          |
| 550626       | 30507      | 14            | 5            | 41/30         | 1.14             | 2.41             | 16.31      | 318            | 12         | 8.66          |
| 550432       | 22228      | 12            | 2            | 65/30         | 1.14             | 2.41             | 14.48      | 228            | 25         | 5.45          |
| 550395       | 22328      | 12            | 3            | 65/30         | 1.14             | 2.41             | 15.04      | 275            | 25         | 5.45          |
| 550397       | 22428      | 12            | 4            | 65/30         | 1.14             | 2.41             | 16.31      | 338            | 20         | 5.45          |
| 550497       | 30508      | 12            | 5            | 65/30         | 1.14             | 2.41             | 17.96      | 417            | 16         | 5.45          |
| 550431       | 22229      | 10            | 2            | 104/30        | 1.14             | 2.41             | 15.67      | 292            | 30         | 3.44          |
| 550393       | 22329      | 10            | 3            | 104/30        | 1.14             | 2.41             | 16.56      | 365            | 30         | 3.44          |
| 550394       | 22429      | 10            | 4            | 104/30        | 1.14             | 2.41             | 17.83      | 448            | 25         | 3.44          |
| 550875       | 30509      | 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 |

