

## Royal® EXCELENE® NON-UL WELDING CABLE. Silicone Free and Halogen Free

600 Volt 105°C Flexible Cord. Heat, Abrasion, Tear Resistant, Moisture and Flexible EPDM Insulation. Silicone Free and Halogen Free

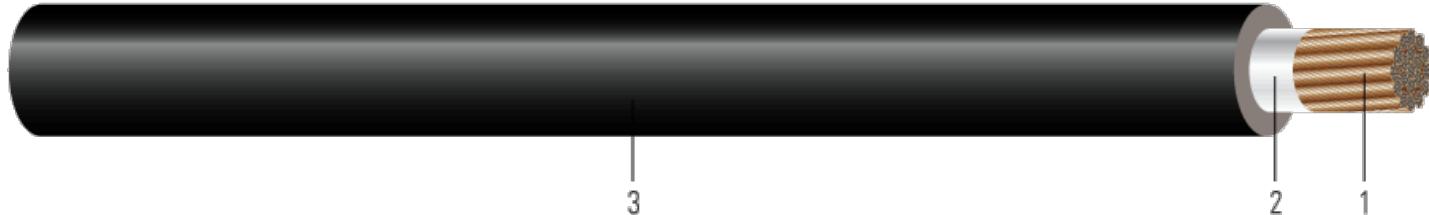


Image not to scale. See Table 1 for dimensions.

### CONSTRUCTION:

- Conductor:** Annealed flexible soft drawn bare copper per ASTM B3.
- Separator:** Paper separator for ease of stripability
- Insulation:** EPDM, Black Silicone Free and Halogen Free (Other colors available upon request)

### APPLICATIONS AND FEATURES:

Southwire Excelene® Welding cable, extra flexible, rated for -50°C to 105°C temperatures. This cable used for secondary voltage resistance welding cable leads, National electrical code Article 630 electric welders and for temporary power industrial applications.

### SPECIFICATIONS:

- RoHS Compliant Lead-Free, Silicone-Free, Halogen Free

### SAMPLE PRINT LEGEND:

SOUTHWIRE® ROYAL® EXCELENE® XXX KCMIL (XXXmm<sup>2</sup>) WELDING CABLE 600V -50C TO +105C MADE IN USA--  
Sequential Footage Marking--

### PACKAGING:

Standard lengths: 250', 500' and 1,000' reels. Other lengths available upon request.

### Table 1 – Weights and Measurements

| Stock Number | Cond. Size | Cond. Number | Cond. Strands | Jacket Thickness | Approx. OD | Approx. Weight | Ampacity | Insul. Color |
|--------------|------------|--------------|---------------|------------------|------------|----------------|----------|--------------|
|              | AWG/Kcmil  | No.          | No.           | mil              | inch       | lb/1000ft      | Amp      |              |
| 10484        | 1          | 1            | 798           | 85               | 0.498      | 334            | 220      | 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)(2) of the 2023 National Electrical Code and CEC Table 12(A). The ampacity values assume a continuous sinusoidal 60 Hz current and are for reference only and should not be used as a final value.

TBA stock codes are estimations only and actual product may vary. Please wait until a stock code is assigned to purchase connectors and/or fittings.

### Table 2 – Weights and Measurements (Metric)

|       |   |   |     |      |       |     |     |    |
|-------|---|---|-----|------|-------|-----|-----|----|
| 10484 | 1 | 1 | 798 | 2.16 | 12.65 | 497 | 220 | BK |
|-------|---|---|-----|------|-------|-----|-----|----|

