

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

600 Volt 105°C Flexible Cord. Heat, Abrasion, Tear Resistant, Moisture and Flexible EPDM Jacket.

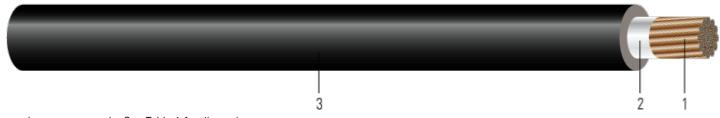


Image not to scale. See Table 1 for dimensions.

# **CONSTRUCTION:**

- 1. **Conductor:** Annealed flexible soft drawn bare copper per ASTM B3.
- 2. **Separator**: Paper separator for ease of stripability
- 3. **Insulation:** EPDM, Black (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

## **SAMPLE PRINT LEGEND:**

SOUTHWIRE® ROYAL® EXCELENE® XXX KCMIL (XXXmm2) 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      |              |
| 104150       | 1/0        | 1            | 1026          | 85               | 0.525      | 411            | 260      | ВК           |

All dimensions are nominal and subject to normal manufacturing tolerances

# Table 2 – Weights and Measurements (Metric)

| Stock Number | Cond. Size | Cond. Number | Cond. Strands | Jacket Thickness | Approx. OD | Approx. Weight | Ampacity * | Insul. Color |
|--------------|------------|--------------|---------------|------------------|------------|----------------|------------|--------------|
|              | AWG/Kcmil  | No.          | No.           | mm               | mm         | kg/km          | Amp        |              |
| 104150       | 1/0        | 1            | 1026          | 2.16             | 13.33      | 612            | 260        | BK           |



<sup>♦</sup> Cable marked with this symbol is a standard stock item

<sup>\*</sup> 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.