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

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

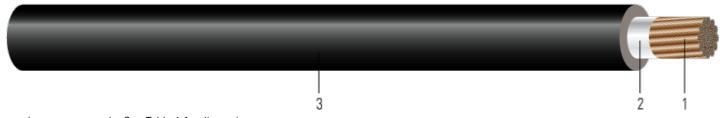


Image not to scale. See Table 1 for dimensions.

# **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	
104170	3/0	1	1615	90	0.635	617	350	BK

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	
104170	3/0	1	1615	2.29	16.13	918	350	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.