

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

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

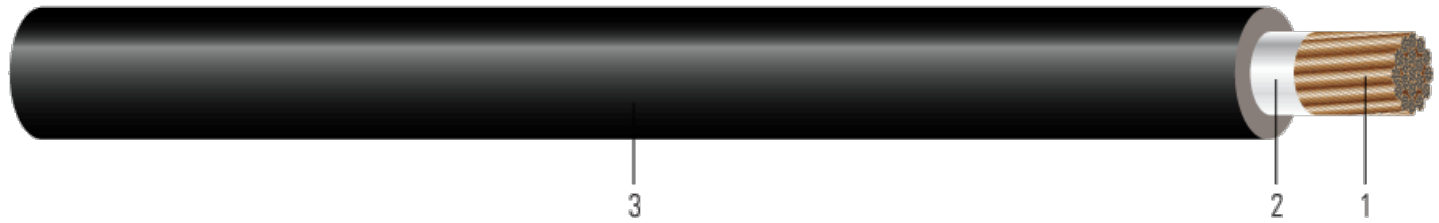


Image not to scale. See Table 1 for dimensions.

**CONSTRUCTION:**

- Conductor:** Annealed rope-stranded Class K, bare copper conductor as per ASTM B-3. 30 AWG rope lay strand per ASTM B-172.
- Separator:** Paper separator for ease of stripability
- 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 (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 AWG/Kcmil	Cond. Number Count	Cond. Strands # x AWG	Insul. Thickness mil	Approx. OD inch	Approx. Weight lb/1000ft	Ampacity * Amp
10417	3/0	1	1615	93	0.635	620	350

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 2017 National Electrical Code and CEC Table 12. The ampacity values assume a continuous sinusoidal 60 Hz current and are for reference only and should not be used as a final value.

^ No metric print legend

\*\* White jacket color



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

Stock Number	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Approx. OD	Approx. Weight	Ampacity *
	AWG/Kcmil	Count	# x AWG	mm	mm	kg/km	Amp
10417	3/0	1	1615	2.36	16.13	923	350

**Colors and Stock Code**

Size	Stock Code	Color
#6 (259)	1041105	Green
2/0 (1254)	1044603	Orange
3/0 (1615)	1041704	Red
3/0 (1615)	1044703	Orange

