



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

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

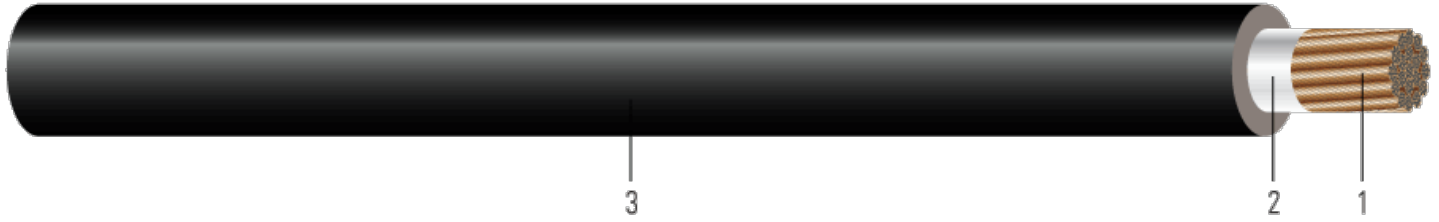


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

- Conductor:** Annealed flexible soft drawn bare copper per ASTM B3.
- 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 (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 AWG/Kcmil	Cond. Number No.	Cond. Strands No.	Jacket Thickness mil	Approx. OD inch	Approx. Weight lb/1000ft	Ampacity Amp	Insul. Color
104140	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.

Table 2 – Weights and Measurements (Metric)

Stock Number	Cond. Size AWG/Kcmil	Cond. Number No.	Cond. Strands No.	Jacket Thickness mm	Approx. OD mm	Approx. Weight kg/km	Ampacity * Amp	Insul. Color
104140	1	1	798	2.16	12.65	497	220	BK