Royal® SUPER EXCELENE ® WELDING CABLE UL. Silicone Free

UL Listed, 600 Volt, 90°C, Oil Resistant, Premium Grade Orange CPE Insulation.

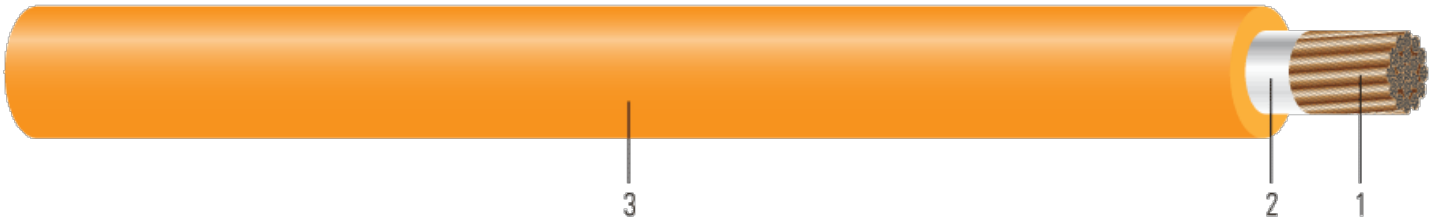


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Class M, rope-stranded, annealed, bare copper conductor as per ASTM B3 and B172
2. **Separator:** Paper separator for ease of stripability
3. **Insulation:** Orange Thermoset Chlorinated Polyethylene (CPE-TS)

APPLICATIONS AND FEATURES:

SOUTHWIRE Super Excelene welding cable designed for use on welding leads from the secondary side of the power source, typical for arc welders. Extra flexible lead cable, used on electrode to welder unit, battery cables and temporary or permanent lead cables. A premium-grade 90°C Orange CPE insulation is extruded onto the cable per ASTM D-4313. Provides superior flexibility and outstanding cut, abrasion and slag resistance. Resistant to oils, solvents, water, weather and ozone.

SPECIFICATIONS:

- ASTM B3 Soft or Annealed Copper Wire
- ASTM B172 Standard Specification for Rope-Lay-Stranded Copper Conductors Having Bunch-Stranded Copper Conductors
- UL 1276 Welding Cable
- UL Listed
- RoHS Compliant Lead-Free, Silicone-Free, Halogen Free

SAMPLE PRINT LEGEND:

SOUTHWIRE® ROYAL® SUPER EXCELENE® XX AWG (XX.XXmm2) WELDING CABLE E308663 (UL) 600V 90C OIL RESISTANT -- MADE IN USA --Sequential Footage Marking--

Table 1 – Weights and Measurements

Stock Number	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Approx. OD	Approx. Weight	Ampacity	Insul. Color
	AWG/Kcmil	No.	No.	mil	inch	lb/1000ft	Amp	
647662	3/0	1	4214	110	0.715	671	350	OE

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)(1) of the 2020 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.
• 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)

647662	3/0	1	4214	2.79	18.16	999	350	OE

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