ROYAL® SOOW CORD

600 Volt, 90°C Flexible Cord. Heat, Moisture and Oil Resistant EPDM Rubber Insulation and Heat, Moisture and Oil Resistant Flexible CPE Jacket, UL/CSA Listed.

APPLICATIONS

Southwire Type SOOW Flexible Cords UL/CSA listed are permitted for use as specified by Article 400 and related articles of the 2014 National Electrical Code. The cable is rated -40°C to 90°C, water, oil, and weather resistant, designed for hard usage on industrial equipment, heavy tools, battery chargers, portable lights welding leads, marine dockside power, power extensions and mining applications.

SPECIFICATIONS

• UL 62
• CSA Standard 22.2 No. 49
• NEC 400
• NEC 501.140 Class I Division 2
• Passes CSA FT2 Flame Test
• MSHA
• Federal and Military Specification JC-580B
• RoHS-2 (European Directive 2011/65/EU)

CONSTRUCTION

1. Conductors: Class K stranded bare copper per ASTM B-174
2. Insulation: EPDM
3. Jacket: Black CPE (Other colors available upon request)

SAMPLE PRINT LEGEND

SOUTHWIRE® ROYAL® CORD X/C X AWG (X.XXmm2) SOOW E46194 (UL) 600V -40C TO 90C -- CSA LL90458 SOOW 600V -40C TO 90C FT2 WATER RESISTANT

SAMPLE INDENT LEGEND

P-07-KA070018-1 MSHA

PACKAGING

Standard lengths: 250’, 500’ and 1,000’ reels. Other lengths available upon request.
## TABLE 1 - WEIGHTS & MEASUREMENTS

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>CCI Part Number</th>
<th>Cond. Size AWG</th>
<th>No. of Cond.</th>
<th>No. of Strands</th>
<th>Insulation Thickness (Inches)</th>
<th>Insulation Thickness (mm)</th>
<th>Nominal OD (Inchs)</th>
<th>Nominal OD (mm)</th>
<th>Nominal Weight (Lbs/Mft)</th>
<th>Nominal Weight (kg/km)</th>
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## TABLE 2 - ELECTRICAL AND ENGINEERING DATA

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<th>Color Code</th>
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All dimensions are nominal and subject to nominal manufacturing tolerances

† Ampacities are based on TABLE 400.5(A)of the 2014 National Electrical Code and CEC Table 12.