



600V ROYAL® SOOW Cord Control with Black Jacket 90°C. MSHA Approved

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



Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Class K stranded bare copper per ASTM B-174
2. **Insulation:** Heat, moisture and oil resistant EPDM
3. **Filler:** Waxed paper fillers, with a tissue-paper separator wrapped around the assembly
4. **Jacket:** Black CPE (Other colors available upon request)

APPLICATIONS AND FEATURES:

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. Southwire Type SOOW Flexible Cords are designed for extra hard usage on industrial equipment, heavy tools, battery chargers, portable lights, welding leads, marine dockside power, power extensions and mining applications.

SPECIFICATIONS:

- UL 62 Flexible Cords and Cables
- CSA C22.2 No. 49 Flexible Cords and Cables
- MSHA flame test - P07-KA070018-1MSHA
- Passes CSA FT2 Flame Test
- RoHS-3 Complies with European Directive 2015/863
- NEC Article 400 Flexible Cords, Cables and Fixture Wire
- NEC Article 501.140 Class I Division 2
- Federal Specification J-C-580B

SAMPLE PRINT LEGEND:

SOUTHWIRE® ROYAL® CORD XX/C XX AWG ({mm²}) SOOW E46194 {UL} 600V -40°C TO 90°C -- {CSA} LL90458 SOOW 600V -40°C TO 90°C FT2 WATER RESISTANT {NOM}-ANCE -- {MSHA}

PACKAGING:

Standard lengths: 250', 500' and 1,000' reels. Other lengths available upon request.





Table 1 – Weights and Measurements

CCI Stock Standard #	Number
AWG/Kcmil	
595662.9	4/0

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 2023 National Electrical Code and CEC Table 12.

Table 2 – Weights and Measurements (Metric)

CCI Stock Standard #	Number
AWG/Kcmil	
595662.9	107

* Ampacities are based on TABLE 400.5(A)(1) of the 2023 National Electrical Code and CEC Table 12.





Color Table

Stock Number	Installation Color	
570034	W, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe	None/Pap
570037	W, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe, BE-WE 1xStripe, WE-BK 1xStripe	None/Pap
570302	W, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe, BE-WE 1xStripe, WE-BK 1xStripe, RD-BK 1xStripe, GN-BK 1xStripe	None/Pap
570339	BK, WE, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe, BE-WE 1xStripe, WE-BK 1xStripe, RD-BK 1xStripe, GN-BK 1xStripe, OE-BK 1xStripe, BE-BK 1xStripe	None/Pap
570347	BK, WE, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe, BE-WE 1xStripe, WE-BK 1xStripe, RD-BK 1xStripe, GN-BK 1xStripe, OE-BK 1xStripe, BE-BK 1xStripe, BK-RD 1xStripe, WE-RD 1xStripe, GN-RD 1xStripe, OE-RD 1xStripe	None/Pap
570348	BK, WE, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe, BE-WE 1xStripe, WE-BK 1xStripe, RD-BK 1xStripe, GN-BK 1xStripe, OE-BK 1xStripe, BE-BK 1xStripe, BK-RD 1xStripe, WE-RD 1xStripe, GN-RD 1xStripe, OE-RD 1xStripe, BE-RD 1xStripe, BK-WE 2xStripe, RD-WE 2xStripe, GN-WE 2xStripe	None/Pap
570352	BK, WE, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe, BE-WE 1xStripe, WE-BK 1xStripe, RD-BK 1xStripe, GN-BK 1xStripe, OE-BK 1xStripe, BE-BK 1xStripe, BK-RD 1xStripe, WE-RD 1xStripe, GN-RD 1xStripe, OE-RD 1xStripe, BE-RD 1xStripe, BK-WE 2xStripe, RD-WE 2xStripe, GN-WE 2xStripe, OE-WE 2xStripe, BE-WE 2xStripe, WE-BK 2xStripe, RD-BK 2xStripe, GN-BK 2xStripe, OE-BK 2xStripe	None/Pap
570526	W, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe	Paper/Pap
570527	W, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe, BE-WE 1xStripe, WE-BK 1xStripe	Paper/Pap
570305	W, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe, BE-WE 1xStripe, WE-BK 1xStripe, RD-BK 1xStripe, GN-BK 1xStripe	Paper/Pap
570378	BK, WE, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe, BE-WE 1xStripe, WE-BK 1xStripe, RD-BK 1xStripe, GN-BK 1xStripe, OE-BK 1xStripe, BE-BK 1xStripe	None/Pap
570318	BK, WE, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe, BE-WE 1xStripe, WE-BK 1xStripe, RD-BK 1xStripe, GN-BK 1xStripe, OE-BK 1xStripe, BE-BK 1xStripe, BK-RD 1xStripe, WE-RD 1xStripe, GN-RD 1xStripe, OE-RD 1xStripe	None/Pap
570319	BK, WE, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe, BE-WE 1xStripe, WE-BK 1xStripe, RD-BK 1xStripe, GN-BK 1xStripe, OE-BK 1xStripe, BE-BK 1xStripe, BK-RD 1xStripe, WE-RD 1xStripe, GN-RD 1xStripe, OE-RD 1xStripe, BE-RD 1xStripe, BK-WE 2xStripe, RD-WE 2xStripe, GN-WE 2xStripe	None/Pap
570326	BK, WE, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe, BE-WE 1xStripe, WE-BK 1xStripe, RD-BK 1xStripe, GN-BK 1xStripe, OE-BK 1xStripe, BE-BK 1xStripe, BK-RD 1xStripe, WE-RD 1xStripe, GN-RD 1xStripe, OE-RD 1xStripe, BE-RD 1xStripe, BK-WE 2xStripe, RD-WE 2xStripe, GN-WE 2xStripe, OE-WE 2xStripe, BE-WE 2xStripe, WE-BK 2xStripe, RD-BK 2xStripe, GN-BK 2xStripe, OE-BK 2xStripe	Paper/My
570994	W, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe	Paper/Pap
571270	W, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe, BE-WE 1xStripe	Paper/Pap
570995	W, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe, BE-WE 1xStripe, WE-BK 1xStripe, RD-BK 1xStripe, GN-BK 1xStripe	Paper/Pap
570997	BK, WE, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe, BE-WE 1xStripe, WE-BK 1xStripe, RD-BK 1xStripe, GN-BK 1xStripe, OE-BK 1xStripe, BE-BK 1xStripe	Paper/Str
571397	W, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe	None/Pap
570981	W, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe	Paper/Pap
570982	W, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe, BE-WE 1xStripe, WE-BK 1xStripe	None/Pap
570307	W, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe, BE-WE 1xStripe, WE-BK 1xStripe, RD-BK 1xStripe, GN-BK 1xStripe	Paper/Pap





Stock Number	Conductor Installation Color	
595662	BK, WE, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe, BE-WE 1xStripe, WE-BK 1xStripe, RD-BK 1xStripe, GN-BK 1xStripe, OE-BK 1xStripe, BE-BK 1xStripe, BK-RD 1xStripe, WE-RD 1xStripe, GN-RD 1xStripe, OE-RD 1xStripe	Poly/Paper
595662	BK, WE, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe	Paper/Paper
595662	BK, WE, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe, BE-WE 1xStripe, WE-BK 1xStripe	None/Paper

