



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	
14/3/3/5/7	4/3/3/0

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	
14/3/3/5/7	4/3/3/0

* 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	
569995	W, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe	None/Paper
569997	W, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe, BE-WE 1xStripe, WE-BK 1xStripe	None/Paper
569999	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/Paper
570039	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/Paper
570041	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/Paper
570043	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/Paper
570052	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/Paper
569995	W, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe	Paper/Paper
569997	W, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe, BE-WE 1xStripe, WE-BK 1xStripe	Paper/Paper
569999	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/Paper
570039	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/Paper
570041	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/Paper
570043	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/Paper
570052	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
569995	W, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe	Paper/Paper
569997	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/Paper
569999	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/Paper
570039	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/Stripe
570041	W, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe	None/Paper
569995	W, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe	Paper/Paper
569997	W, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe, BE-WE 1xStripe, WE-BK 1xStripe	None/Paper
569999	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/Paper





Stock Number	Conductor Color	Installation Color
569995	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
569996	WE, RD, GN, OE, BE, BK-WE 1xStripe, RD-WE 1xStripe, GN-WE 1xStripe, OE-WE 1xStripe	Paper/Paper
569997	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

