

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.



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TABLE 1 - WEIGHTS & MEASUREMENTS

Stock Code	CCI Part Number	Cond. Size AWG	No. of Cond.	No. of Strands	Insulation Thickness (Inchs)	Insulation Thickness (mm)	Nominal OD (Inchs)	Nominal OD (mm)	Nominal Weight (Lbs/Mft)	Nominal Weight (kg/km)
560039	822316	8	3	133/29	0.06	1.52	0.85	21.54	485	722
630726	822591	8	4	133/29	0.06	1.52	0.95	24.21	619	921
596961	822540	8	5	133/29	0.06	1.52	1.03	26.26	722	1074
560041	822391	6	3	133/27	0.06	1.57	0.99	25.15	700	1042
560042	822589	6	4	133/27	0.06	1.57	1.08	27.31	837	1246
562068	822392	6	5	133/27	0.06	1.52	1.19	30.28	979	1457
570054	822601	4	3	133/25	0.06	1.52	1.14	28.88	902	1342
560925	822471	4	4	133/25	0.06	1.52	1.26	31.93	1144	1702
562067	822542	4	5	133/25	0.06	1.52	1.35	34.24	1320	1964
		2	3	133/0.0223	0.06	1.52	1.31	33.27	1277	1900
560928	822491	2	4	133/0.0223	0.06	1.52	1.47	37.21	1639	2439
562065	822492	2	5	133/0.0223	0.06	1.52	1.59	40.36	1925	2865

TABLE 2 - ELECTRICAL AND ENGINEERING DATA

Stock Code	CCI Part Number	† Amps	Nom. DCR $\Omega/1M'$	Color Code
560039	822316	40	0.63	Black, White, Green
630726	822591	35	0.63	Black, White, Red, Green
596961	822540	28	0.63	Black, White, Red, Green, Orange
560041	822391	55	0.4	Black, White, Green
560042	822589	45	0.4	Black, White, Red, Green
562068	822392	36	0.4	Black, White, Red, Green, Orange
570054	822601	70	0.25	Black, White, Green
560925	822471	60	0.25	Black, White, Red, Green
562067	822542	48	0.25	Black, White, Red, Green, Orange
		95	0.16	Black, White, Green
560928	822491	80	0.016	Black, White, Red, Green
562065	822492	64	0.16	Black, White, Red, Green, Orange

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.

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