

# ROYAL® Type SOOW, Shielded

90°C, 600 Volts. Flexible Stranding. Water Resistant 60°C. Black Jacket. Rated -40°C to 90°C. CSA FT1 Flame Rated. MSHA Listed. 18 AWG - 10 AWG, Multi-conductor Shielded



Image not to scale. See Table 1 for Dimensions

## CONSTRUCTION:

**Conductors** Class K, Flexible stranded tinned copper per ASTM B33 and B174 (Bare Copper Optional with MOQ)

**Insulation:** Colored, Oil Resistant Ethylene Propylene Rubber (EPR/EPDM)

**Shield:** A 34 AWG Tinned Copper Braided shield with 85% coverage applied over cabled assembly

**Assembly:** The insulated conductors are cabled together with fillers as necessary to form a round cable assembly. A tissue paper is helically applied over the assembly to facilitate overall jacket removal.

**Jacket:** Black, Oil & Weather Chlorinated Polyethylene (CPE) Jacket. (Other colors available with MOQ)

## APPLICATIONS AND FEATURES:

Southwire Type SOOW Flexible Cords are permitted for use as specified by Article 400 and related articles of the 2014 National Electric Code. Southwire Type SOOW Flexible Cords are designed for extra hard usage on industrial equipment, heavy tools, battery chargers, portable lights, power extensions and mining applications.

## SPECIFICATIONS:

- ASTM B33, B174
- UL 62 - Type SOOW
- CSA C22.2 No. 49 - Type SOOW
- MSHA P-136-29

## SAMPLE PRINT LEGEND:

14 AWG (2.08mm<sup>2</sup>) 3/C SHIELDED SOOW 90(D)C 600V (UL) E46194 --- LL90458 CSA FT1 P-136-29 MSHA --- RoHS



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**TABLE 1 - WEIGHTS & MEASUREMENTS**

Stock Code	No. of Cond.	Insulation Thickness (mils)	Jacket Thickness (mils)	Nominal OD (mils)	Nominal Weight (Lbs/Mft)
18 AWG (16/30 STRANDING)					
570040xx	2	30	60	380	60
570046xx	3	30	60	398	108
570047xx	4	30	60	422	124
571413xx	5	30	80	499	161
570050xx	6	30	80	532	182
585809xx	7	30	80	532	204
570053xx	8	30	80	567	211
576078xx	10	30	80	644	262
570035xx	12	30	80	630	278
TBD	16	30	95	750	375
14 AWG (41/30 STRANDING)					
TBD	2	30	80	538	177
571277xx	3	30	80	566	212
570008xx	4	30	80	609	245
TBD	5	30	95		
TBD	6	30	95		
TBD	7	30	95		
TBD	8	30	95		
TBD	10	30			

Stock Code	No. of Cond.	Insulation Thickness (mils)	Jacket Thickness (mils)	Nominal OD (mils)	Nominal Weight (Lbs/Mft)
16 AWG (26/30 STRANDING)					
571439xx	2	30	60	394	107
571690xx	3	30	60	418	124
570027xx	4	30	60	448	143
TBD	5	30	80	530	180
578321xx	6	30	80	580	218
TBD	7	30	80	580	223
570031xx	8	30	80	597	252
TBD	10	30	80	660	310
570012xx	12	30	95	730	366
570013xx	16	30	95	798	444
12 AWG (65/30 STRANDING)					
571316xx	2	45	95	600	231
571400xx	3	45	95	630	270
569989xx	4	45	95	678	326
591189xx	5	45	95	730	364
TBD	6	45	95		
TBD	7	45	95		
TBD	8	45	95		
TBD	10	45			

All dimensions are nominal and subject to normal manufacturing tolerances

COND. NO.	BASE COLOR	STRIPE
1	BLACK	---
2	WHITE	---
3*	RED	---
4	GREEN	---
5	ORANGE	---
6	BLUE	---
7	WHITE	BLACK
8	RED	BLACK
9	GREEN	BLACK
10	ORANGE	BLACK

COND. NO.	BASE COLOR	STRIPE
11	BLUE	BLACK
12	BLACK	WHITE
13	RED	WHITE
14	GREEN	WHITE
15	BLUE	WHITE
16	BLACK	RED
17	WHITE	RED
18	ORANGE	RED
19	BLUE	RED
20	RED	GREEN

\* Exception: 3/C Cords are Black, White, and Green.

\*\*Other color codes available upon request

