



## Description:

SO Oil-Resistant Rubber Jacket, 600V, 90°C, cotton serve separator, smooth jacket, UL/CSA listed, color code: black, white, green.

## Physical Characteristics (Overall)

### Conductor

#### AWG:

# Conductors	AWG	Stranding	Conductor Material
3	16	65x34	BC - Bare Copper

Type of Cordage: SO

### Insulation

#### Insulation Material:

Insulation Material	Wall Thickness (in.)
EPDM - Ethylene Propylene Diene Monomer Rubber	.033

### Outer Shield

#### Outer Shield Material:

Outer Shield Material
Unshielded

### Outer Jacket

#### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
Rubber	.063

### Overall Cabling

Overall Cabling Fillers: Jute

#### Overall Cabling Color Code Chart:

Color
Black
White
Green

Overall Cabling Separator Material: Cotton Serve

Overall Nominal Diameter: 0.400 in.

## Mechanical Characteristics (Overall)

Operating Temperature Range: 90°C

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

NEC/(UL) Specification: SO

CSA Specification: SO

EU CE Mark: No

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

## 19208 Portable Cordage - UL/CSA Types: S, SO, SJ

EU RoHS Compliance Date (mm/dd/yyyy): 01/01/2004

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

### Plenum/Non-Plenum

Plenum (Y/N): No

### Surface Printing (Overall)

Surface Printing: Surface Impression Printed

### Electrical Characteristics (Overall)

#### Max. Operating Voltage - UL:

##### Voltage

600 V RMS

#### Max. Recommended Current:

##### Current

13 Amps per conductor @ 25°C

10 Amps per conductor @ 25°C (over 50 ft.)

Dielectric Withstand Voltage: 2000 V AC Applied For 1 Min.

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
19208 010250	250 FT	26.500 LB	BLACK	C F	3 #16 34B SO 90 N

#### Notes:

C = CRATE REEL PUT-UP.

F = MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'


### 3-Conductor

UL/CSA Types: S, SO, SJ


Description	Part No.	Standard Lengths		Standard Unit Weight		Jacket Color	Conductor AWG (stranding)	Nom. Insulation Thickness		Nom. Jacket Thickness		Nominal OD	
		Ft.	m	Lbs.	kg			Inch	mm	Inch	mm	Inch	mm

**S Rubber Jacket** • Smooth Jacket • UL/CSA Listed

**600V, 60°C** • Cotton Serve Separator • Color Code: Black, White, Green


	<b>19109</b>	250 <sup>†</sup>	76.2	18.8	8.5	Black	18 (42x34) BC	.032	.81	.065	1.65	.380	9.65
	<b>19108</b>	250 <sup>†</sup>	76.2	27.5	12.5	Black	16 (65x34) BC	.033	.84	.065	1.65	.405	10.29

**600V, 60°C** • Paper Tape Separator • Color Code: Black, White, Green


	<b>19107</b>	250 <sup>†</sup>	76.2	42.3	19.2	Black	14 (41x30) BC	.048	1.22	.085	2.16	.535	13.59
	<b>19106</b>	250 <sup>†</sup>	76.2	61.8	28.1	Black	12 (65x30) BC	.051	1.30	.099	2.51	.640	16.26
	<b>19105</b>	250 <sup>†</sup>	76.2	78.0	35.5	Black	10 (105x30) BC	.050	1.27	.099	2.51	.681	17.30

**SO Oil-Resistant Rubber Jacket** • Smooth Jacket • UL/CSA Listed

**600V, 90°C** • Cotton Serve Separator • Color Code: Black, White, Green


	<b>19209</b>	250 <sup>†</sup>	76.2	19.3	8.8	Black	18 (42x34) BC	.032	.81	.065	1.65	.380	9.65
	<b>19208</b>	250 <sup>†</sup>	76.2	26.5	12.0	Black	16 (65x34) BC	.033	.84	.063	1.60	.400	10.16

**600V, 90°C** • Paper Tape Separator • Color Code: Black, White, Green

	<b>19207</b>	250 <sup>†</sup>	76.2	43.5	19.7	Black	14 (41x30) BC	.048	1.22	.086	2.18	.538	13.67
	<b>19206</b>	250 <sup>†</sup>	76.2	62.8	28.5	Black	12 (65x30) BC	.051	1.30	.100	2.54	.632	16.05
	<b>19205</b>	250 <sup>†</sup>	76.2	79.3	36.0	Black	10 (105x30) BC	.050	1.27	.099	2.51	.681	17.30

**SJ Rubber Jacket** • Smooth Jacket • UL/CSA Listed

**300V, 60°C** • Paper Tape Separator • Color Code: Black, White, Green

	<b>19129</b>	250 <sup>†</sup>	76.2	13.8	6.3	Black	18 (16x30) BC	.031	.79	.039	.99	.315	8.00
	<b>19125</b>	250 <sup>†</sup>	76.2	13.5	6.1	Black	18 (42x34) BC	.032	.81	.038	.97	.315	8.00
	<b>19130</b>	250 <sup>†</sup>	76.2	17.5	7.9	Black	16 (26x30) BC	.031	.79	.038	.97	.340	8.64
	<b>19124</b>	250 <sup>†</sup>	76.2	16.5	7.5	Black	16 (65x34) BC	.033	.84	.038	.97	.340	8.64
	<b>8479</b>	250	76.2	7.8	3.5	Black	14 (41x30) BC	.031	.79	.039	.99	.380	9.65

BC = Bare Copper

<sup>†</sup>Put-ups may contain more than one piece. Minimum length of any one piece is 50 ft.