

9424 Portable Cordage - SO Oil-Resistant Rubber Jacket



Description:

SO oil-resistant rubber jacket, 600V, 60°C, conductors cabled with fillers, paper tape separator, smooth jacket, UL/CSA listed, color code: see chart 2 (Tech Info Section).

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
9	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	.100

Overall Cabling

Overall Cabling Fillers: 9 conductors cabled around jute fillers for a round appearance.

Overall Cabling Color Code Chart:

Color
Black
White
Red
Green
Orange
Blue
White/Black Stripe
Red/Black Stripe
Green/Black Stripe

Overall Cabling Separator Material: Paper Tape

Overall Nominal Diameter: 0.720 in.

Mechanical Characteristics (Overall)

UL Temperature Rating: 60°C

Bulk Cable Weight: 280.700 lbs/1000 ft.

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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	SO
CSA Specification:	SO
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
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

Flame Test

CSA Flame Test:	FT2
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Surface Printing (Overall)

Surface Printing:	"16-9 SO 60°C (UL) E3462----CSA LL7874 16-9 SO 60°C FT2"
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Electrical Characteristics (Overall)

Max. Operating Voltage - UL:

Voltage

600 V RMS

Max. Recommended Current:

Current

7 Amps per conductor @ 25°C

Dielectric Withstand Voltage:	2000 V AC Applied for 1 Min.
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Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9424 010100	100 FT	29.600 LB	BLACK		9 #16 EPDM CPE
9424 0101000	1,000 FT	288.000 LB	BLACK	C	9 #16 EPDM CPE
9424 010500	500 FT	150.500 LB	BLACK	C	9 #16 EPDM CPE

Notes:

C = CRATE REEL PUT-UP.

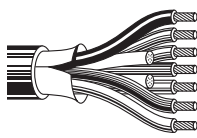
Multi-Conductor

Power and Control Cables

Description	Part No.	No. of Cond.	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

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

600V, 60°C • Conductors Cabled with Fillers • Paper Tape Separator • Color Code: See Chart 2 (Tech Info Section)

	9420	5	100	30.5	13.3	6.0	Black	16	.033	.84	.084	2.13	.506	12.85
			500	152.4	73.5	33.4		(65x34)						
			1000	304.8	143.0	65.0		BC						
	9422	7	100	30.5	18.5	8.4	Black	16	.033	.84	.083	2.11	.581	14.76
			500	152.4	101.0	45.9		(65x34)						
			1000	304.8	201.0	91.4		BC						
	9424	9	100	30.5	29.6	13.4	Black	16	.033	.84	.100	2.54	.720*	18.29
			500	152.4	150.5	68.4		(65x34)						
			1000	304.8	288.0	130.9		BC						
9425	12	100	30.5	32.6	14.8	Black	16	.033	.84	.100	2.54	.720	18.29	
		500	152.4	165.5	75.2		(65x34)							
		1000	304.8	318.0	144.5		BC							
9427	16	100	30.5	39.5	17.9	Black	16	.033	.84	.100	2.54	.787	19.99	
		500	152.4	197.5	89.8		(65x34)							
		1000	304.8	395.0	179.5		BC							
9429	20	100	30.5	48.4	22.0	Black	16	.033	.84	.100	2.54	.862	21.89	
		500	152.4	233.0	105.9		(65x34)							
							BC							

BC = Bare Copper • CPE = Chlorinated Polyethylene
 *Fillers added in the center.