



Description:

SV rubber jacket, 300V, 60°C, cotton serve separator, serrated jacket, UL/CSA listed, color code: black, white.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	18	42x34	BC - Bare Copper

Type of Cordage: SV

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
Rubber	.017

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
Rubber	.037

Overall Cabling

Overall Cabling Fillers: Jute

Overall Cabling Color Code Chart:

Color
Black
White

Overall Cabling Separator Material: Cotton Serve

Overall Nominal Diameter: 0.245 in.

Mechanical Characteristics (Overall)

UL Temperature Rating: 60°C

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: SV

CSA Specification: SV

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): 10/13/2005

8452 Portable Cordage - UL/CSA Types: STOW, SV, SVT

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:	"18-2 SV 60°C (UL) E3462 - - - - CSA LL7874 18-2 SV 60°C FT2"
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Electrical Characteristics (Overall)

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
10 Amps per conductor @ 25°C
7 Amps per conductor @ 25°C over 50 ft.

Dielectric Withstand Voltage:	1500 V AC Applied For 1 Min.
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Notes (Overall)

Notes: Jacket Finish: Serrated (45 Serrations - 8 Degrees Apart)

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8452 010U1000	1,000 FT	36.000 LB	BLACK		2#18 EPDM CS SBR TYPE SV
8452 010U500	500 FT	19.000 LB	BLACK		2#18 EPDM CS SBR TYPE SV
8452 0101000	1,000 FT	38.000 LB	BLACK	C	2#18 EPDM CS SBR TYPE SV
8452 010250	250 FT	9.500 LB	BLACK		2#18 EPDM CS SBR TYPE SV
8452 010500	500 FT	17.000 LB	BLACK	C	2#18 EPDM CS SBR TYPE SV

Notes:

C = CRATE REEL PUT-UP.


2-Conductor

UL/CSA Types: STOW, SV, SVT

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


STOW Belflex® Matte Black Premium PVC • Smooth Jacket • UL/CSA Listed

600V, 105°C • Paper Tape Separator • International Color Code: Light Blue, Brown

	19500*	250	76.2	16.0	7.3	Matte Black	18 (42x34) BC	.032	.81	.070	1.78	.360	9.14
	19501*	250	76.2	18.8	8.5	Matte Black	16 (65x34) BC	.033	.84	.070	1.78	.386	9.80
	19502*	250	76.2	34.0	15.5	Matte Black	14 (41x30) BC	.049	1.24	.089	2.26	.524	13.31

SV Rubber Jacket • Serrated Jacket • UL/CSA Listed

300V, 60°C • Cotton Serve Separator • Color Code: Black, White

	8452	250	76.2	9.5	4.3	Black	18 (42x34) BC	.017	.43	.037	.94	.245	6.22
		U-500	U-152.4	18.5	8.4								
		500	152.4	17.0	7.7								
		U-1000	U-304.8	36.0	16.3								
		1000	304.8	38.0	17.3								


SV Rubber Jacket • Smooth Jacket • UL/CSA Listed

300V, 60°C • Cotton Serve Separator • Color Code: Black, White

	19120	250 [†]	76.2	8.8	4.0	Black	18 (42x34) BC	.017	.43	.037	.94	.245	6.22

SVT PVC Jacket • Serrated Jacket • UL/CSA Listed

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

	19140	250 [†]	76.2	8.8	4.0	Black, Gray	18 (42x34) BC	.018	.46	.036	.91	.243	6.17

BC = Bare Copper

*These constructions are approved as water-resistant, oil-resistant and for outdoor use.

[†]Put-ups may contain more than one piece. Minimum length of any one piece is 50 ft.