

8453 Portable Cordage - UL/CSA Types: SJTOW, STOW, SV, SVT



Description:

SV rubber jacket, 300V, 60°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	18	41x34	TC - Tinned Copper

Type of Cordage: SV

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
EPDM - Ethylene Propylene Diene Monomer Rubber	.018

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
Rubber	.036

Overall Cabling

Overall Cabling Fillers: Jute

Overall Cabling Color Code Chart:

Color
Black
White
Green

Overall Cabling Separator Material: Cotton Serve

Overall Nominal Diameter: 0.256 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

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EU RoHS Compliance Date (mm/dd/yyyy): 10/13/2005

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

Plenum/Non-Plenum

Plenum (Y/N): No

Surface Printing (Overall)

Surface Printing: "18-3 SV 60°C (UL) E3462----CSA LL7874 18-3 SV 60°C FT2"

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.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8453 010100	100 FT	4.900 LB	BLACK		3#18EPDM CS SBR TYPE SV
8453 010500	500 FT	21.000 LB	BLACK	C	3#18EPDM CS SBR TYPE SV

Notes:


C = CRATE REEL PUT-UP.

3-Conductor


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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


SJTOW Belflex® Premium PVC • Smooth Jacket • UL/CSA Listed

300V, 105°C • Paper Tape Separator • International Color Code: Light Blue, Brown, Green/Yellow													
	19509*	250	76.2	14.0	6.4	Matte Black	18 (42x34) BC	.032	.81	.038	.97	.315	8.00
	19510*	250	76.2	17.5	7.9	Matte Black	16 (65x34) BC	.033	.84	.038	.97	.340	8.64
	19511*	250	76.2	23.8	10.8	Matte Black	14 (41x30) BC	.032	.81	.040	1.02	.380	9.65


STOW Belflex Premium PVC • Smooth Jacket • UL/CSA Listed

600V, 105°C • Paper Tape Separator • International Color Code: Light Blue, Brown, Green/Yellow													
	19503*	250	76.2	19.0	8.6	Matte Black	18 (42x34) BC	.032	.81	.070	1.78	.380	9.65
	19504*	250	76.2	23.0	10.5	Matte Black	16 (65x34) BC	.033	.84	.070	1.78	.405	10.29
	19505*	250	76.2	42.5	19.3	Matte Black	14 (41x30) BC	.049	1.24	.089	2.26	.558	14.17


SV Rubber Jacket • Smooth Jacket • UL/CSA Listed

300V, 60°C • Cotton Serve Separator • Color Code: Black, White, Green													
	8453	100	30.5	4.9	2.2	Black	18 (41x34) TC	.018	.46	.036	.91	.256	6.50
		500	152.4	21.0	9.5								

SVT PVC Jacket • Serrated Jacket • UL/CSA Listed

300V, 60°C • Paper Tape Separator • Color Code: Black, White, Green													
	19350	250 [†]	76.2	10.8	4.9	Gray	18 (42x34) BC	.018	.46	.038	.97	.253	6.43

SVT PVC Jacket • Smooth Jacket • UL/CSA Listed

300V, 60°C • Paper Tape Separator • International Color Code: Light Blue, Brown, Green/Yellow													
	19402	250 [†]	76.2	12.3	5.6	Black	18 (42x34) BC	.018	.46	.034	.86	.253	6.43

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.