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Product: 32518

Lead Wire, #18 Str TC, Neoprene Ins, AWM 3046 CAS TYPE CL903

Request Sample

Product Description

Low Temp Rubber Lead Wire, 18AWG (16x30) Tinned Copper, Neoprene Insulation, AWM 3046 CAS TYPE CL903600V 90C

Technical Specifications

Product Overview

Suitable Applications:	internal wiring of appliances, oil resistance applications, motor lead systems

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
18	16x30	TC - Tinned Copper	1

Conductor Count:	1

Insulation

Material	Nominal Wall Thickness
Neoprene	0.0475 in

Outer Jacket Material

Nominal Diameter
0.142 in

Electrical Characteristics

Voltage

UL Voltage Rating
600 V

Temperature Range

Non-UL Temp Rating:	90°C
UL Temp Rating:	90°C

Mechanical Characteristics

Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C) ~ 8 Hours @ 325°F (163°C) ~ 15 Minutes @ 450°F (232°C)

Standards

UL AWM Style Compliance:	3046
CSA Rating:	600 V, 90°C
CSA Type:	CL903
Military Compliance:	N/A

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes

EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL voltage rating:	600 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
32518 0105000	Black	Reel	5,000 ft	612825142928
32518 0095000	White	Reel	5,000 ft	612825142911

Footnote:	C - CRATE REEL PUT-UP.
Footnote:	I - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 200'.
Footnote:	U - TOPCOAT ADDERS ON STOCK SOLID COLORS. MINIMUM ORDER 10,000' PER COLOR COMBINATION. (SEE TOPCOAT ADDER TABLE)
Footnote:	Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

Product Notes

Notes:	Recommended Maximum Baking Cycles: 24 Hours @ 300°F (149°C) ~ 8 Hours @ 325°F (163°C) ~ 15 Minutes @ 450°F (232°C)

History

Update and Revision:	Revision Number: 0.277 Revision Date: 06-15-2020

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