



Product: [32416](#) 

Lead Wire, #16 Str TC, Silicone Ins, Fiber Glass Jkt, AWM 3071

 [Request Sample](#)

Product Description

Rubber Lead Wire, 16AWG (7x24) Tinned Copper, Silicone Insulation, Fiber Glass Outer Jacket, AWM 3071 CSA SEW-2 600V 200C

Technical Specifications

Product Overview

Suitable Applications:	Class 130(B), 155(F) or 180(H) insulation systems, internal wiring of lighting fixtures and appliances, high temperature applications
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
16	7x24	TC - Tinned Copper	1

Conductor Count:	1
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Insulation

Material	Nominal Wall Thickness
Silicone Rubber	0.03 in

Outer Jacket

Material	Nominal Diameter
Lacquered Glass Braid Covering	0.145 in

Electrical Characteristics

Voltage

UL Voltage Rating
600 V RMS

Temperature Range

UL Temperature Rating:	200°C
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Mechanical Characteristics

Recommended Maximum Baking Cycles:	24 Hours @ 410°F (210°C)
Bulk Cable Weight:	19 lbs/1000ft
Minimum Minor Axis Bend Radius:	0.58 in

Standards

UL AWM Style Compliance:	AWM 3071
CSA Rating:	600 V, 200°C
CSA Type:	SEW-2

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
CA Prop 65:	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	Horizontal
CSA Flammability:	FT1
UL voltage rating:	600 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
32416 010500	Black	Reel	500 ft	612825142775
32416 0106000	Black	Reel	6,000 ft	612825142782
32416 009500	White	Reel	500 ft	612825142768

Footnote:	F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'. C - CRATE REEL PUT-UP., I - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 200'. Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.
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Product Notes

Notes:	Recommended Maximum Baking Cycles: 24 hours @ 410°F (210°C)
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History

Update and Revision:	Revision Number: 0.368 Revision Date: 02-03-2025
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