



Product: [32412](#)

Lead Wire, #12 Str TC, Silicone Ins, Fiber Glass Jkt, AWM 3074

 [Request Sample](#)

Product Description

Rubber Lead Wire, 12AWG (19x24H) Tinned Copper, Silicone Insulation, Fiber Glass Outer Jacket, AWM 3074 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
12	19x24.5	TC - Tinned Copper	1

Conductor Count: 1

Insulation

Material	Nominal Wall Thickness
Silicone Rubber	0.03 in

Outer Jacket

Material	Nominal Diameter
Lacquered Glass Braid Covering	0.19 in

Electrical Characteristics

Voltage

UL Voltage Rating
600 V RMS

Temperature Range

Non-UL Temp Rating:	200°C
UL Temperature Rating:	200°C

Mechanical Characteristics

Recommended Maximum Baking Cycles:	24 Hours @ 410°F (210°C)
Bulk Cable Weight:	25 lbs/1000ft
Minimum Minor Axis Bend Radius:	0.76 in

Standards

UL AWM Style Compliance:	AWM 3074
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
32412 010500	Black	Reel	500 ft	612825142713
32412 009500	White	Reel	500 ft	612825142706
** F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'.				

Footnote: F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'.

Product Notes

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

Update and Revision:	Revision Number: 0.378 Revision Date: 02-03-2025
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