



Product: [31014N](#)

Lead Wire, #14 Str TC, XLPO Ins, UL TYPE SIS

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Product Description

Low Temp Rubber Lead Wire, 14AWG (41x30) Tinned Copper, XLPO Insulation, UL TYPE SIS 600V 90C

Technical Specifications

Product Overview

Suitable Applications:	for wiring switchboards, panelboards , distribution boards
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
14	41x30	TC - Tinned Copper	1

Conductor Count: 1

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
XLP, XLPO, XLPE (Thermoset)	0.144 in	0.032 in

Electrical Characteristics

Voltage

UL Voltage Rating
600 V RMS

Temperature Range

UL Temperature Rating:	90°C
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Mechanical Characteristics

Bulk Cable Weight:	20.3 lbs/1000ft
Minimum Minor Axis Bend Radius:	0.58 in

Standards

NEC Articles:	Article 310
NEC(UL) Compliance:	SIS

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 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)
CA Prop 65:	Yes

MII Order #39 (China RoHS):

Yes

Flammability, LS0H, Toxicity Testing

UL voltage rating:

600 V RMS

Plenum/Non-Plenum

Plenum (Y/N):

No

Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
31014N 0082500	Gray	Reel	2,500 ft	612825141570

Footnote: C - CRATE REEL PUT-UP., U - TOPCOAT ADDERS ON STOCK SOLID COLORS. MINIMUM ORDER 10,000' PER COLOR COMBINATION. (SEE TOPCOAT ADDER TABLE)

Product Notes

Notes:

Separator material over conductor.

History

Update and Revision:

Revision Number: 0.365 Revision Date: 02-03-2025

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