



**Product:** [31012](#)

Lead Wire, #12 Str TC, XLPO Ins, UL TYPE SIS VW-1

[Request Sample](#)

### Product Description

Low Temp Rubber Lead Wire, 12AWG (65x30) Tinned Copper, XLPO Insulation, UL TYPE SIS VW-1 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
12	65x30	TC - Tinned Copper	1

Conductor Count:	1
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##### Insulation

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

##### Outer Jacket

Nominal Diameter
0.167 in

#### Electrical Characteristics

##### Voltage

UL Voltage Rating
600 V

##### Temperature Range

UL Temp Rating:	90°C
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#### Standards

NEC/(UL) Compliance:	SIS
UL AWM Style Compliance:	N/A
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 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)
MII Order #39 (China RoHS):	Yes

## Flammability, LSOH, Toxicity Testing

UL Flammability:	VW-1
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
31012 0083000	Gray	Reel	3,000 ft	612825141556

Footnote:	C - CRATE REEL PUT-UP., I - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 200'. U - TOPCOAT ADDERS ON STOCK SOLID COLORS. MINIMUM ORDER 10,000' PER COLOR COMBINATION. (SEE TOPCOAT ADDER TABLE), 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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## History

Update and Revision:	Revision Number: 0.358 Revision Date: 02-03-2025
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