



Product: [31516](#)

Lead Wire, #16 Str TC, Neoprene Ins, AWM 3044

[Request Sample](#)

### Product Description

Low Temp Rubber Lead Wire, 16AWG (26x30) Tinned Copper, Neoprene Insulation, AWM 3044 CSA TYPE CL902300V 90C

### Technical Specifications

#### Product Overview

Suitable Applications:	internal wiring of appliances, oil resistance applications, motor lead systems
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#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	No. of Conductors
16	26x30	TC - Tinned Copper	1

Conductor Count:	1
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##### Insulation

Material	Nominal Wall Thickness
Neoprene	0.032 in

#### Electrical Characteristics

##### Voltage

UL Voltage Rating
300 V RMS

#### 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)
Bulk Cable Weight:	15 lbs/1000ft
Min. Bend Radius/Minor Axis:	0.49 in

#### Standards

UL AWM Style Compliance:	AWM 3044
CSA Rating:	300 V RMS, 90°C
CSA Type:	CL902

#### 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, LSOH, Toxicity Testing

UL voltage rating:	300 V RMS
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## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Related Part Numbers

### Variants

Item #	Color	Put-Up Type	Length	UPC
31516 010500	Black	Reel	500 ft	612825142300
31516 0105000	Black	Reel	5,000 ft	612825142317
31516 0055000	Green, Dark	Reel	5,000 ft	612825142287
31516 002500	Red	Reel	500 ft	612825142263
31516 0025000	Red	Reel	5,000 ft	612825142270
31516 009500	White	Reel	500 ft	612825142294

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'. 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: 0.394 Revision Date: 05-05-2023
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