



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 |
|------------------------|--|

Physical Characteristics (Overall)

| Conductor        |           |                    |                   |
|------------------|-----------|--------------------|-------------------|
| AWG              | Stranding | Material           | No. of Conductors |
| 16               | 26x30     | TC - Tinned Copper | 1                 |
| Conductor Count: |           |                    | 1                 |

| 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: | UL AWM Style 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 II): | Yes |
| EU Directive 2012/19/EU (WEEE):    | Yes |
| EU Directive 2015/863/EU:          | Yes |

|                                       |                               |
|---------------------------------------|-------------------------------|
| EU Directive Compliance:              | EU Directive 2003/11/EC (BFR) |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2004-01-01                    |
| CA Prop 65:                           | Yes                           |
| MII Order #39 (China RoHS):           | Yes                           |

Flammability, LSOH, Toxicity Testing

|                    |           |
|--------------------|-----------|
| UL voltage rating: | 300 V RMS |
|--------------------|-----------|

Plenum/Non-Plenum

|               |    |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Part Number

Variants

| Item #        | Color       | Putup 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'.                                       |
| Footnote: | C - CRATE REEL PUT-UP.   |
| Footnote: | I - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 200'.                                      |
| Footnote: | U - TOPCOAT ADDERS ON STOCK SOLID COLORS. MINIMUM ORDER 10,000' PER COLOR COMBINATION. (SEE TOPCOAT ADDER TABLE) |
| Footnote: | Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN. |

History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.304 Revision Date: 11-17-2020 |
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