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# Product: 32518

## Lead Wire, #18 Str TC, Neoprene Ins, AWM 3046 CAS TYPE CL903

Request Sample

### Product Description

Low Temp Rubber Lead Wire, 18AWG (16x30) Tinned Copper, Neoprene Insulation, AWM 3046 CAS TYPE CL903600V 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 |
|---|---|---|---|
| 18 | 16x30 | TC - Tinned Copper | 1 |

| | |
|---|---|
| Conductor Count: | 1 |

**Insulation**

| Material | Nominal Wall Thickness |
|---|---|
| Neoprene | 0.0475 in |

**Outer Jacket Material**

| Nominal Diameter |
|---|
| 0.142 in |

#### Electrical Characteristics

**Voltage**

| UL Voltage Rating |
|---|
| 600 V |

#### 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) |

#### Standards

| | |
|---|---|
| UL AWM Style Compliance: | 3046 |
| CSA Rating: | 600 V, 90°C |
| CSA Type: | CL903 |
| 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 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 |
| MII Order #39 (China RoHS): | Yes |

## Flammability, LS0H, Toxicity Testing

| | |
|---|---|
| UL voltage rating: | 600 V RMS |

## Plenum/Non-Plenum

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

## Part Number

**Variants**

| Item # | Color | Putup Type | Length | UPC |
|---|---|---|---|---|
| 32518 0105000 | Black | Reel | 5,000 ft | 612825142928 |
| 32518 0095000 | White | Reel | 5,000 ft | 612825142911 |

| | |
|---|---|
| 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. |

## Product Notes

| | |
|---|---|
| Notes: | Recommended Maximum Baking Cycles: 24 Hours @ 300°F (149°C) ~ 8 Hours @ 325°F (163°C) ~ 15 Minutes @ 450°F (232°C) |

## History

| | |
|---|---|
| Update and Revision: | Revision Number: 0.277 Revision Date: 06-15-2020 |

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