



**Part Number: 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**

**Physical Characteristics (Overall)**

**Conductor**

| AWG | Stranding | Material           | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 18  | 16x30     | TC - Tinned Copper | 1                 |

|                  |        |
|------------------|--------|
| Conductor Count: | 1      |
| Conductor Size:  | 18 AWG |

**Insulation**

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

**Outer Jacket Material**

| Material  | Nominal Diameter |
|-----------|------------------|
| No Jacket | 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:           | 3046        |
| CSA Rating:             | 600 V, 90°C |
| CSA Type:               | CL903       |
| Military Specification: | 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                    |
| CA Prop 65 (CJ for Wire & Cable):     | Yes                           |
| MII Order #39 (China RoHS):           | Yes                           |

### Flammability, LSOH, Toxicity Testing

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

### Plenum/Non-Plenum

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

### Part Number

#### Variants

| Item #        | Color | Footnote |
|---------------|-------|----------|
| 32518 0105000 | Black | C I U Z  |
| 32518 0095000 | White | C I U Z  |

|           |  |
|-----------|--|
| 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) |
|--------|--|

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