



**Product:** [34916](#) 

Lead Wire, #16 Str TC, CSPE Ins, AWM 3190

 [Request Sample](#)

## Product Description

Low Temp Rubber Lead Wire, 16AWG (26x30) Tinned Copper, CSPE Insulation, AWM 3190 CSA TYPE CL1052 300V 105C

## Technical Specifications

### Product Overview

|                        |                                                                                             |
|------------------------|---------------------------------------------------------------------------------------------|
| Suitable Applications: | Class 130(B) motor lead systems, internal wiring of appliances, oil resistance applications |
|------------------------|---------------------------------------------------------------------------------------------|

### Physical Characteristics (Overall)

#### Conductor

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

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

#### Insulation

| Material                              | Nominal Diameter | Nominal Wall Thickness |
|---------------------------------------|------------------|------------------------|
| CSPE - Chlorosulphonated Polyethylene | 0.123 in         | 0.03 in                |

### Electrical Characteristics

#### Voltage

| UL Voltage Rating |
|-------------------|
| 300 V RMS         |

### Temperature Range

|                        |       |
|------------------------|-------|
| UL Temperature Rating: | 105°C |
|------------------------|-------|

### Mechanical Characteristics

|                                 |               |
|---------------------------------|---------------|
| Bulk Cable Weight:              | 14 lbs/1000ft |
| Minimum Minor Axis Bend Radius: | 0.5 in        |

### Standards

|                          |                  |
|--------------------------|------------------|
| UL AWM Style Compliance: | AWM 3190         |
| CSA Rating:              | 300 V RMS, 105°C |
| CSA Type:                | CL1052           |

### 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, LS0H, Toxicity Testing

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

Plenum/Non-Plenum

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

Related Part Numbers

Variants

| Item #       | Color | Put-Up Type | Length | UPC          |
|--------------|-------|-------------|--------|--------------|
| 34916 010500 | Black | Reel        | 500 ft | 612825144267 |
| 34916 002500 | Red   | Reel        | 500 ft | 612825144250 |

|           |                                                                            |
|-----------|----------------------------------------------------------------------------|
| Footnote: | F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'. |
|-----------|----------------------------------------------------------------------------|

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.359 Revision Date: 02-03-2025 |
|----------------------|--------------------------------------------------|

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