



**Product:** [34410](#) 

Lead Wire, #10 Str TC, CSPE Ins, AWM 3191

 [Request Sample](#)

## Product Description

Low Temp Rubber Lead Wire, 10AWG (65x28) Tinned Copper, CSPE Insulation, AWM 3191 CSA TYPE CL1052 600V 105C

## Technical Specifications

### Product Overview

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

### Construction Details

#### Conductor

| Element      | No. of Elements | Size | Stranding | Material           |
|--------------|-----------------|------|-----------|--------------------|
| Conductor(s) | 1               | 10   | 65x28     | TC - Tinned Copper |

#### Insulation

| Material                              | Nom. Thickness    | Nom. Insulation Diameter |
|---------------------------------------|-------------------|--------------------------|
| CSPE - Chlorosulphonated Polyethylene | 0.049 in (1.2 mm) | 0.209 in (5.31 mm)       |

|                                   |                    |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.209 in (5.31 mm) |
|-----------------------------------|--------------------|

### Electrical Characteristics

#### Voltage

| UL Voltage Rating                               |
|-------------------------------------------------|
| 600 V RMS (UL AWM 3191), 300 V RMS (CSA CL1052) |

### Mechanical Characteristics

#### Temperature

| UL Temperature | Operating       |
|----------------|-----------------|
| 105°C          | -30°C To +105°C |

#### Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 0.84 in (21 mm) | 0.84 in (21 mm)   |

|                    |                 |
|--------------------|-----------------|
| Max. Pull Tension: | 130 lbs (59 kg) |
| Bulk Cable Weight: | 48 lbs/1000ft   |

### Standards and Compliance

|                                |                                                                                                                           |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Sustainability:                | CA Prop 65                                                                                                                |
| AWM Compliance:                | AWM 3191                                                                                                                  |
| CEC / C(UL) Compliance:        | CL-1052                                                                                                                   |
| European Directive Compliance: | EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| APAC Compliance:               | China RoHS II (GB/T 26572-2011)                                                                                           |

### Product Notes

|        |                                    |
|--------|------------------------------------|
| Notes: | Separator material over conductor. |
|--------|------------------------------------|

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.451 Revision Date: 02-20-2026 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #        | Color | Putup Type | Length   | UPC          | Footnote |
|---------------|-------|------------|----------|--------------|----------|
| 34410 010100  | Black | Reel       | 100 ft   | 612825143833 |          |
| 34410 010500  | Black | Reel       | 500 ft   | 612825143857 | C F      |
| 34410 0102000 | Black | Reel       | 2,000 ft | 612825143840 | C        |
| 34410 0082000 | Gray  | Reel       | 2,000 ft | 612825143826 | F        |

|           |                                                                                                     |
|-----------|-----------------------------------------------------------------------------------------------------|
| Footnote: | F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'. , C - CRATE REEL PUT-UP. |
|-----------|-----------------------------------------------------------------------------------------------------|

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