



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)          |
| Recommended Max Baking Cycles: | 24 Hours @ 300°F (149°C) |
| 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: 0.449 Revision Date: 02-03-2025 |
|----------------------|--|

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        |

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