# Product: 34920



## Lead Wire, #20 Str TC, CSPE Ins, AWM 3190

Request Sample

### Product Description

Low Temp Rubber Lead Wire, 20AWG (10x30) 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 |
|---|---|---|---|
| 20 | 10x30 | TC - Tinned Copper | 1 |

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

**Insulation**

| Material | Nominal Diameter | Nominal Wall Thickness |
|---|---|---|
| CSPE - Chlorosulphonated Polyethylene | 0.1 in | 0.031 in |

#### Electrical Characteristics

**Voltage**

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

#### Temperature Range

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

#### Mechanical Characteristics

| | |
|---|---|
| Bulk Cable Weight: | 8 lbs/1000ft |
| Min. Bend Radius/Minor Axis: | 0.4 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) |
| EU CE Mark: | Yes |
| 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 |
|---|---|---|---|---|
| 34920 0105000 | Black | Reel | 5,000 ft | 612825144328 |
| 34920 0085000 | Gray | Reel | 5,000 ft | 612825144311 |

| | |
|---|---|
| Footnote: | I - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 200'., U - TOPCOAT ADDERS ON STOCK SOLID COLORS. MINIMUM ORDER 10,000' PER COLOR COMBINATION. (SEE TOPCOAT ADDER TABLE), Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN. |

## History

| | |
|---|---|
| Update and Revision: | Revision Number: 0.358 Revision Date: 05-05-2023 |

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