



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
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
20	10x30	TC - Tinned Copper	1

Conductor Count:	1
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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
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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
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Plenum/Non-Plenum

Plenum (Y/N):	No
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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.
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History

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