



Product: [34401](#)

Lead Wire, #1 Str TC, CSPE Ins, AWM 3193

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Product Description

Low Temp Rubber Lead Wire, 1AWG (210x24) Tinned Copper, CSPE Insulation, AWM 3193 CSA TYPE CL1052 600V 105C

Technical Specifications

Product Overview

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

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	1	1	210x24	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
CSPE - Chlorosulphonated Polyethylene	0.091 in (2.3 mm)	0.557 in (14.1 mm)

Overall Cable Diameter (Nominal):	0.557 in (14.1 mm)
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Electrical Characteristics

Voltage

UL Voltage Rating
600 V RMS (UL AWM 3193), 300 V RMS (CSA CL1052)

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
2.23 in (56.6 mm)	2.23 in (56.6 mm)

Max. Pull Tension:	1303 lbs (591.0 kg)
Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C)
Bulk Cable Weight:	368 lbs/1000ft

Standards and Compliance

Sustainability:	CA Prop 65
AWM Compliance:	AWM 3193
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.
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History

Update and Revision:	Revision Number: 0.415 Revision Date: 06-30-2022
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
34401 01050	Black	Reel	50 ft	612825143673
34401 010100	Black	Reel	100 ft	612825143659
34401 010250	Black	Reel	250 ft	612825143666

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