



**Product:** [34408](#)

Lead Wire, #8 Str TC, CSPE Ins, AWM 3192

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## Product Description

Low Temp Rubber Lead Wire, 8AWG (84x27) Tinned Copper, CSPE Insulation, AWM 3192 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	8 AWG	84x27	TC - Tinned Copper

#### Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
CSPE - Chlorosulphonated Polyethylene	0.067 in (1.7 mm)	0.29 in (7.4 mm)

Overall Cable Diameter (Nominal):	0.290 in (7.37 mm)
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### Electrical Characteristics

#### Electricals

Nom. Conductor DCR	Max. Current
0.708 Ohm/1000ft	102.4 Amps per Conductor at 30°C

#### Voltage

UL Voltage Rating	Voltage Rating
600 V (AWM 3192)	300 V (CSA CL-1052)

### Mechanical Characteristics

#### Temperature

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

#### Bend Radius

Stationary Min.	Installation Min.
2.9 in (74 mm)	2.9 in (74 mm)

Max. Pull Tension:	210 lbs (95 kg)
Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C)
Bulk Cable Weight:	83 lbs/1000ft

### Standards and Compliance

Environmental Suitability:	Indoor, Outdoor, Oil Resistance
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	Horizontal flame

AWM Compliance:	AWM 3192
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: 0.431 Revision Date: 06-30-2022
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### Part Numbers

#### Variants

Item #	Color	Putup Type	Length	UPC
34408 010100	Black	Reel	100 ft	612825143802
34408 010250	Black	Reel	250 ft	612825143819
34408 008250	Gray	Reel	250 ft	612825143796

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