



Product: [34414](#)

Lead Wire, #14 Str TC, CSPE Ins, AWM 3191

Request Sample

### Product Description

Low Temp Rubber Lead Wire, 14AWG (41x30) Tinned Copper, CSPE Insulation, AWM 3191 CSA TYPE CL1053 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	No. of Elements	Size	Stranding	Material
Conductor(s)	1	14 AWG	41x30	TC - Tinned Copper

##### Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
CSPE - Chlorosulphonated Polyethylene	0.048 in (1.2 mm)	0.17 in (4.3 mm)

Overall Cable Diameter (Nominal):	0.170 in (4.32 mm)
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#### Electrical Characteristics

##### Electricals

Nom. Conductor DCR	Max. Current
2.73 Ohm/1000ft	46.4 Amps per Conductor at 30°C

##### Voltage

UL Voltage Rating
600 V (AWM 3191)

#### Mechanical Characteristics

##### Temperature

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

##### Bend Radius

Stationary Min.	Installation Min.
1.7 in (43 mm)	1.7 in (43 mm)

Max. Pull Tension:	53.3 lbs (24.2 kg)
Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C)
Bulk Cable Weight:	26 lbs/1000ft

#### Standards and Compliance

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

AWM Compliance:	AWM 3191
CEC / C(UL) Compliance:	CL-1053
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: 0.464 Revision Date: 07-03-2024
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**Part Numbers**

**Variants**

Item #	Color	Putup Type	Length	UPC	Footnote
34414 010100	Black	Reel	100 ft	612825143956	
34414 010500	Black	Reel	500 ft	612825143970	F
34414 0104000	Black	Reel	4,000 ft	612825143963	
34414 008500	Gray	Reel	500 ft	612825143949	F
34414 0084000	Gray	Reel	4,000 ft	612825143932	C I U
34414 005500	Green, Dark	Reel	500 ft	612825143925	F
34414 002500	Red	Reel	500 ft	612825143918	F

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