

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

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)

Electrical Characteristics

Electricals

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

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.

History

Update and Revision:	Revision Number: 0.464 Revision Date: 07-03-2024

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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