



REPRESENTATIVE IMAGE

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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Physical Characteristics (Overall)

Conductor			
AWG	Stranding	Material	No. of Conductors
14	41x30	TC - Tinned Copper	1
Conductor Count:		1	

Insulation		
Material	Nominal Diameter	Nominal Wall Thickness
CSPE - Chlorosulphonated Polyethylene	0.17 in	0.048 in

Electrical Characteristics

Voltage	
UL Voltage Rating	
600 V RMS	

Temperature Range

UL Temp Rating:	105°C
Operating Temp Range:	-30°C To +105°C

Mechanical Characteristics

Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C)
Bulk Cable Weight:	26 lbs/1000ft
Min. Bend Radius/Minor Axis:	0.68 in

Standards

UL AWM Style Compliance:	UL AWM Style 3191
CSA Rating:	600 V, 105°C
CSA Type:	CL1053

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, LSOH, Toxicity Testing

UL voltage rating:	600 V RMS
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Put-Up Type	Length	UPC
34414 010100	Black	Reel	100 ft	612825143956
34414 010500	Black	Reel	500 ft	612825143970
34414 0104000	Black	Reel	4,000 ft	612825143963
34414 008500	Gray	Reel	500 ft	612825143949
34414 0084000	Gray	Reel	4,000 ft	612825143932
34414 005500	Green, Dark	Reel	500 ft	612825143925
34414 002500	Red	Reel	500 ft	612825143918

Footnote:	F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'. C - CRATE REEL PUT-UP., 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)
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Product Notes

Notes:	Separator material over conductor.
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History

Update and Revision:	Revision Number: 0.349 Revision Date: 08-27-2021
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