



**Product:** [34490](#)

Lead Wire, #1/0 Str TC, CSPE Ins, AWM 3193

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**Product Description**

Low Temp Rubber Lead Wire, 1/0AWG (805x26) 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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**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
1/0	262x24	TC - Tinned Copper	1

Conductor Count:	1
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**Insulation**

Material	Nominal Diameter	Nominal Wall Thickness	Min. Average Wall Thickness
CSPE - Chlorosulphonated Polyethylene	0.607 in	0.091 in	0.08 in

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR
0.1 Ohm/1000ft

**Current**

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	Single conductor in free air @ 30°C: 286 A

**Voltage**

UL Description	UL Voltage Rating
UL AWM 3193	600 V RMS
CSA CL1052	300 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:	439 lbs/1000ft

**Standards**

UL AWM Style Compliance:	UL AWM Style 3193
CSA Rating:	300 V RMS, 105°C

CSA Type:	CL1052
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## 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 II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
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	Putup Type	Length	UPC
34490 01050	Black	Reel	50 ft	612825144199
34490 010100	Black	Reel	100 ft	612825144175
34490 010250	Black	Reel	250 ft	612825144182

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

Notes:	Separator material over conductor.
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## History

Update and Revision:	Revision Number: 0.304 Revision Date: 07-26-2020
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