



**Product:** [31518](#)

Lead Wire, #18 Str TC, Neoprene Ins, AWM 3044

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**Product Description**

Low Temp Rubber Lead Wire, 18AWG (16x30) Tinned Copper, Neoprene Insulation, AWM 3044 CSA TYPE CL902 300V 90C

**Technical Specifications**

**Product Overview**

Suitable Applications:	internal wiring of appliances, oil resistance applications, motor lead systems
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**Construction Details**

**Conductor**

AWG	Stranding	Material
18	16x30	TC - Tinned Copper

**Insulation**

Material	Thickness	Nom. Insulation Diameter
Neoprene	0.032 in	0.109

Cable Diameter (Nominal):	0.109 in
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**Electrical Characteristics**

**Electricals**

Nom. Conductor DCR	Max. Current
6.45 Ohm/1000ft	Single conductor in free air @ 30°C: 18 A

**Voltage**

UL Voltage Rating
300 V RMS

**Mechanical Characteristics**

**Temperature**

UL Rating	Operating
90°C Dry, 60°C Oil	-30°C To +90°C

**Bend Radius**

Stationary Min.
0.44 in

Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C) ~ 8 Hours @ 325°F (163°C) ~ 15 Minutes @ 450°F (232°C)
Bulk Cable Weight:	10 lbs/1000ft

**Standards and Compliance**

Sustainability:	CA Prop 65
Flammability / Fire Resistance:	Horizontal, UL Horizontal Flame
AWM Compliance:	UL AWM Style 3044
CEC / C(UL) Compliance:	CL-902

European Directive Compliance:	EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## Product Notes

Notes:	24 Hours @ 300°F (149°C) ~ 8 Hours @ 325°F (163°C) ~ 15 Minutes @ 450°F (232°C)
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## History

Update and Revision:	Revision Number: 0.336 Revision Date: 11-17-2020
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