



**Part Number: 31512**

Lead Wire, #12 Str TC, Neoprene Ins, AWM 3046 CAS TYPE CL903

[Request Sample](#)

**Product Description**

Low Temp Rubber Lead Wire, 12AWG (65x30) Tinned Copper, Neoprene Insulation, AWM 3046 CAS TYPE CL903600V 90C

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
12	65x30	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	12 AWG

**Insulation**

Material	Nominal Wall Thickness
Neoprene	0.0485 in

**Outer Jacket Material**

Material	Nominal Diameter
No Jacket	0.19 in

**Electrical Characteristics**

**Voltage**

UL Voltage Rating
600 V

**Temperature Range**

Non-UL Temp Rating:	90°C
UL Temp Rating:	90°C

**Mechanical Characteristics**

Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C) ~ 8 Hours @ 325°F (163°C) ~ 15 Minutes @ 450°F (232°C)
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**Standards**

UL AWM Style:	3046
CSA Rating:	600 V, 90°C
CSA Type:	CL903
Military Specification:	N/A

**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 RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
CA Prop 65 (CJ for Wire & Cable):	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	UPC	Length	Footnote
31512 010250	Black	612825142164	250 ft	F
31512 0103000	Black	612825142171	3,000 ft	C I U

Footnote:	F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'.
Footnote:	C - CRATE REEL PUT-UP.
Footnote:	I - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 200'.
Footnote:	U - TOPCOAT ADDERS ON STOCK SOLID COLORS. MINIMUM ORDER 10,000' PER COLOR COMBINATION. (SEE TOPCOAT ADDER TABLE)

## Product Notes

Notes:	Recommended Maximum Baking Cycles: 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: 0.269 Revision Date: 07-11-2019
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