



Product: [33308](#) 

Lead Wire, #8 Str TC, Silicone Ins, AWM 3213

 [Request Sample](#)

Product Description

Low Temp Rubber Lead Wire, 8AWG (84x27) Tinned Copper, Silicone Insulation, AWM 3213 CSA TYPE AWM 600V 150C

Technical Specifications

Product Overview

Suitable Applications:	Class 155(F) or Class 180(H) motor lead systems , high temperature applications, internal wiring of lighting fixtures and appliances
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
8	84x27	TC - Tinned Copper	1

Conductor Count:	1
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Insulation

Material	Nominal Wall Thickness
Silicone Rubber	0.063 in

Electrical Characteristics

Voltage

UL Voltage Rating
600 V RMS

Temperature Range

Non-UL Temp Rating:	150°C
UL Temperature Rating:	150°C

Mechanical Characteristics

Recommended Maximum Baking Cycles:	24 Hours @ 410°F (210°C)
Bulk Cable Weight:	40.5 lbs/1000ft
Minimum Minor Axis Bend Radius:	1.14 in

Standards

UL AWM Style Compliance:	AWM 3213
CSA Rating:	600 V, 150°C
CSA AWM Compliance:	CSA AWM I B
CSA Type:	AWM

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, LS0H, Toxicity Testing

CSA Flammability:	FT2
UL voltage rating:	600 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
33308 010500	Black	Reel	500 ft	612825143390

Footnote:	C - CRATE REEL PUT-UP.
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Product Notes

Notes:	Recommended Maximum Baking Cycles: 24 hours @ 410°F (210°C)
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History

Update and Revision:	Revision Number: 0.368 Revision Date: 02-03-2025
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