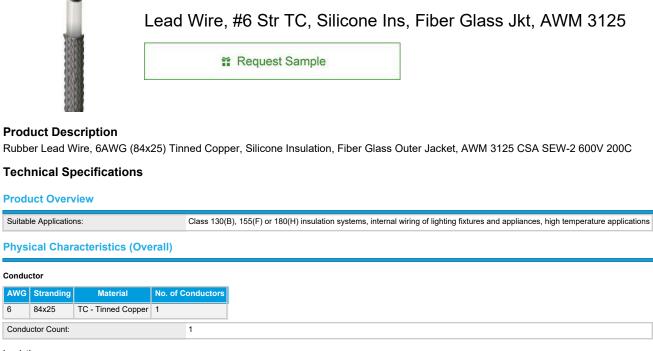


Product: <u>30806</u> ☑



# Insulation

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| Material        | Nominal Wall Thickness | Min. Average Wall Thickness |
|-----------------|------------------------|-----------------------------|
| Silicone Rubber | 0.063 in               | 0.06 in                     |

## Outer Jacket

| Material                       | Nominal Diameter |
|--------------------------------|------------------|
| Lacquered Glass Braid Covering | 0.368 in         |

## **Electrical Characteristics**

| Conductor DCR         |  |
|-----------------------|--|
| Nominal Conductor DCR |  |
| 0.40 Ohm/1000ft       |  |

#### Current

| Element                                     | Max. Recommended Current [A]               |
|---|--|
| Single Conductor in Free Aair @ 30C Ambient | Single conductor in free air @ 30°C: 165 A |

### Voltage

UL Voltage Rating 600 V RMS

# **Temperature Range**

| UL Temp Rating:              | 200°C           |
|------------------------------|-----------------|
| Operating Temperature Range: | -70°C To +200°C |
| Mechanical Characteristics   |                 |

| Recommended Max Baking Cycles: | 24 Hours @ 410°F (210°C) |
|--------------------------------|--------------------------|
| Bulk Cable Weight:             | 142 lbs/1000ft           |
| Min. Bend Radius/Minor Axis:   | 1.48 in                  |

#### **Standards**

| UL AWM Style Compliance: | AWM 3125     |
|--------------------------|--------------|
| CSA Rating:              | 600 V, 200°C |
| CSA Type:                | SEW-2        |

## **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) |
| CA Prop 65:                                  | Yes                           |
| MII Order #39 (China RoHS):                  | Yes                           |

#### Flammability, LS0H, Toxicity Testing

| UL Flammability:   | Horizontal |
|--------------------|------------|
| CSA Flammability:  | FT1        |
| UL voltage rating: | 600 V RMS  |

## Plenum/Non-Plenum

| Y/N) |      |
|------|------|
|      | Y/N) |

## **Related Part Numbers**

#### Variants

| Item #        | Color | Put-Up Type | Length   | UPC          |
|---------------|-------|-------------|----------|--------------|
| 30806 010100  | Black | Reel        | 100 ft   | 612825140597 |
| 30806 010500  | Black | Reel        | 500 ft   | 612825140610 |
| 30806 0102000 | Black | Reel        | 2,000 ft | 612825140603 |
| 30806 009100  | White | Reel        | 100 ft   | 612825140573 |
| 30806 009500  | White | Reel        | 500 ft   | 612825140580 |
| Footnote:     |       |             |          | C - CRATE RE |

### **History**

Update and Revision:

Revision Number: 0.390 Revision Date: 05-05-2023

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