

**Ratings**

Voltage: 300 V  
 Temperature: -80~200 °C  
 Flammability: VW-1  
 Oil resistance: 60 °C  
 ≥50% elongation and tensile strength after aging

**Conductor**

Conductor count: 1  
 Gauge: 14 AWG 2.04 mm<sup>2</sup>  
 Material: tinned copper strands  
 Strand size: Ø 0.37mm x 19  
 Resistance at 20 °C: 8.96 Ω /km max

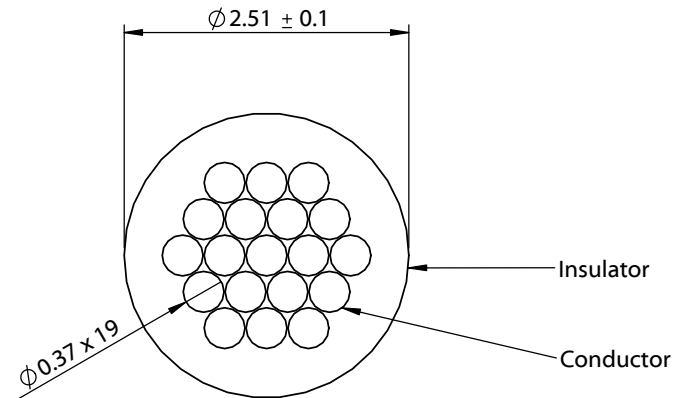
**Insulator**

Material: Fluorinated ethylene propylene (FEP)  
 Color: gray  
 Diameter: Ø 2.51 ± 0.1  
 Nominal thickness: 0.33 mm  
 Resistance at 20 °C: 2.5 MΩ /kft min

**Wire marking:** E339579 UL AWM STYLE 1332 14AWG 200°C 300V  
 VW-1 --- cUL AWM I A/B 200°C 300V FT1 TENSILITY

**Mechanical Tests**

After aging at 232±1°C for 7 days  
 Minimum tensile strength 1.76 kgf/mm<sup>2</sup>  
 Minimum elongation 200% original



|           |            |                 |  |  |   |
|-----------|------------|-----------------|--|--|---|
| Revision: | Date:      | Description:    | Prepared: <b>MP</b><br><small>Digitally signed by MP<br/>Date: 2022.05.24<br/>16:14:08<br/>-07'00'</small> | Notes:   | <h1>TENSILITY</h1><br><small>tel 1.541.323.3228 800 877.670.7118<br/>fax 1.541.323.4202 web tensility.com</small> |
| A         | 05/20/2022 | Initial release | Verified: <b>PB</b><br><small>Digitally signed by PB<br/>Date: 2022.05.27<br/>12:21:36 -07'00'</small>     | RoHS compliant   |   |
|           |            |                 | Dimensions are in millimeters.<br>Tolerances:<br>X: ± 0.5 mm<br>X.X: ± 0.3 mm<br>X.XX: ± 0.05 mm           | Function test: no open, no short circuit, no Intermittent                          | Size: Part number:<br>A 30-02529  |
|           |            |                 |  | Description:<br>Wire, hook-up, TS, 14 AWG, UL 1332, 300V, 200C, 2.51 mm, FEP, gray | Scale: 15:1  Sheet 1 of 1   |

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