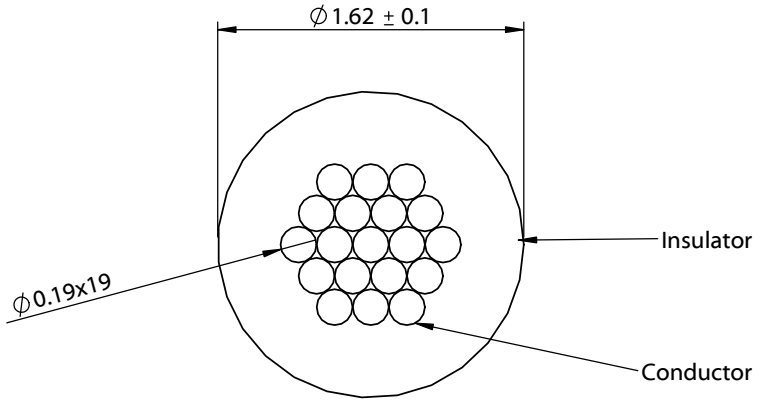
**Ratings**
Voltage: 300 V
Temperature: -80~200 °C
Flammability: VW-1
Oil resistant: 60°C
≥50% elongation and tensile strength after aging

**Conductor**
Conductor count: 1
Gauge: 20AWG 0.54 mm²
Material: tinned copper strands
Strand size: Ø 0.19mm x19
Resistance at 20 °C: 36.7 Ω /km max

**Insulator**
Material: Fluorinated ethylene propylene (FEP)
Color: gray
Diameter: ∅1.62 ± 0.1
Nominal thickness: 0.33 mm
Resistance at 20 °C: 2.5 MΩ /kft min

**Wire marking**: E339579 UL AWM STYLE 1332 20AWG 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/mm2
Minimum elongation 200% original




| Revision: | Date: | Description: |
|---|---|---|
| A | 5/19/2022 | Initial release |
| | | |
| | | |
| | | |
| | | |

Prepared: PB Digitally signed by PB Date: 2022.05.30 12:31:15 -07'00'

Verified: MP Digitally signed by MP Date: 2022.05.30 15:55:01 -07'00'

Dimensions are in millimeters.
Tolerances:
X: ± 0.5 mm
X.X: ± 0.3 mm
X.XX: ± 0.05 mm

Notes:
RoHS compliant

Function test: no open, no short circuit, no intermittent

Description:
Wire, hook-up, TS, 20 AWG, UL 1332, 300V, 200C, 1.62 mm, FEP, gray

TENSILITY
tel 1.541.323.3228 800 877.670.7118
fax 1.541.323.4202 web tensility.com

Size: A
Part number: 30-02559
Scale: 25:1
Sheet 1 of 1

To see a custom version of this cable assembly, call Tensility at 541-323-3228 or email engineering@tensility.com

5 4 3 2 1