

Ratings

Voltage: 300 V

Temperature: -10 ~ 80 °C

Conductor

Gauge: 22 AWG

Material: bare copper strands

Strand size: Ø 0.16 mm

Strand count: 17

Outer jacket

Material: PVC, 80 °C

Color: black

Thickness: 0.38 mm

Diameter: 3.6 ±0.10 mm (1.8 x 3.6)

Durometer: 87 Shore A

Wire marking: E339579 AWM STYLE 2468 22 AWG 80°C
300V VW-1 --- C AWM I A 80°C 300V FT1 TENSILITY HLE

Tests

Voltage test: 300 V

Spark test: 3.0/4.0 kV

Max resistance at 20 °C: 55.3 ohm/km

Jacket tensile strength: 1.05 kgf/mm²

After aging at 113 ±2 °C for 7 days:

Minimum tensile strength 70 % original

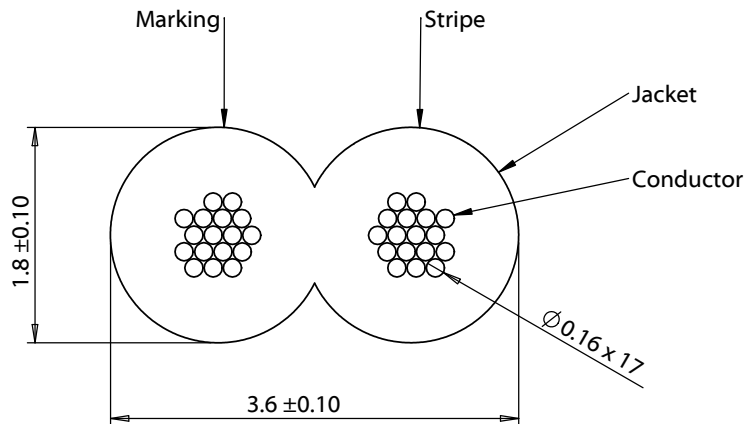
Minimum elongation 65 % original

Heat shock: 121 ±1 °C /1 hour, no observed degradation

Deformation: 121 ±1 °C /1 hour, ≤ 50 %

Cold bend: -10 ±1 °C /1 hour, no observed cracking

Flammability: VW-1



REVISION	DATE	DESCRIPTION	PREPARED:	NOTES: RoHS and REACH compliant	TENSILITY 20802 Sockeye Place #130 Bend, OR 97701 USA tel 541.323.3228 fax 541.323.4202 800 877.670.7118 www.tensility.com				
A	9/27/2010	Initial release							VERIFIED:
A1	8/13/2012	Added operating temperature	DIMENSIONS ARE IN MILLIMETERS TOLERANCES: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	DESCRIPTION: Wire, 2C BC, 22 AWG, UL2468, 300V, 80C, 3.6 mm, PVC, 87A	SIZE A	PART NUMBER 30-00008			
A2	10/29/2013	updated description							
					SCALE: 15:1		WEIGHT:		SHEET 1 OF 1