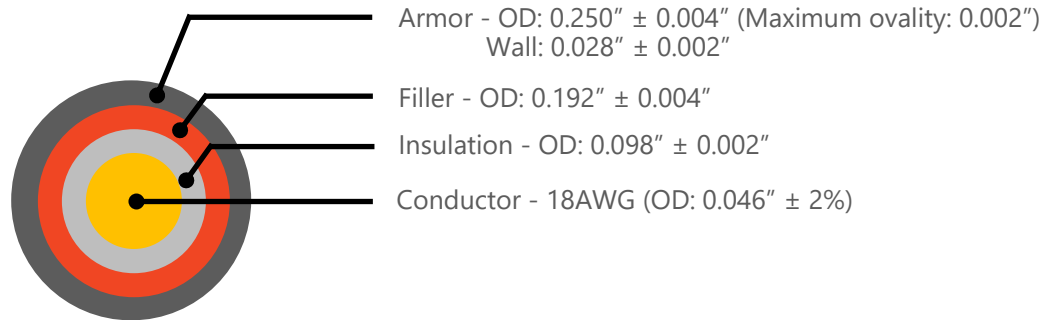


### Tubing Encapsulated Cable 1/4" OD 316L (PN 1002)



#### Materials

Armor (Tubing)	ASTM A240 Grade 316/316L
Conductor	ASTM B8 Class B Stranded (7/26) tin plated copper
Insulation	Ethylene Tetrafluoroethylene (ETFE) [Translucent Clear]
Filler	Polypropylene (PP) [Orange]

#### Mechanical Properties

Temperature Rating	-25°C to 150°C
Armor Yield Strength	Minimum 75 ksi
Armor Tensile	Minimum 90 ksi
Armor Elongation	Minimum 5%
Armor Hardness	Maximum 380 HV
Core Slip Force (2")	Maximum 20 lbf
Completed Mass	86 lb/1000 ft (±15%)

#### Electrical Specifications

	20°C	150°C
Conductor Resistance	6.7±0.3 ohm/1000 ft	10.2±0.3 ohm/1000 ft
Armor Resistance	18.5±2.0 ohm/1000 ft	19.1±2.0 ohm/1000 ft
Capacitance**	26.0 pF/ft (±15%)	27.5 pF/ft (±15%)

#### Mechanical Specifications

	20°C	150°C
Collapse Pressure*	23,000 psi	17,600 psi
Working Pressure*	17,250 psi	13,200 psi

\*Theoretical values for Reference Only, Working Pressure calculated at 75% of Collapse Pressure.

\*\*Theoretical values for Reference Only