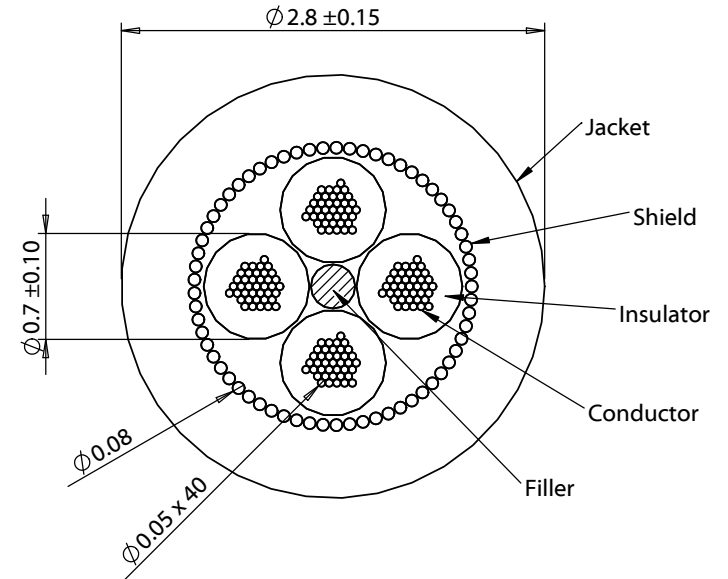
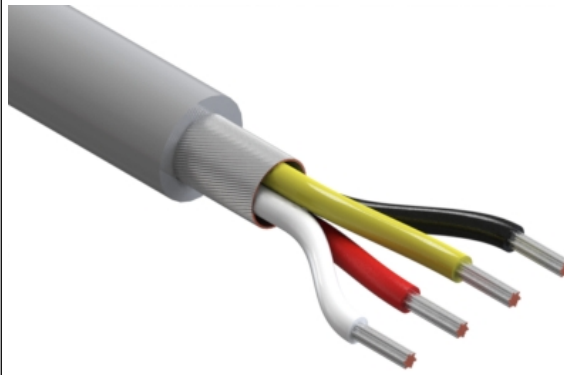


**Ratings**

Temperature: -40 ~ 70 °C

**Conductor**Gauge: 28 AWG, 0.081 mm<sup>2</sup>  
Material: tinned copper strands  
Stranding:  $\varnothing 0.05 \times 40$   
Resistance at 20 °C: 240  $\Omega$ /km**Insulator**Material: HDPE  
Color: black, white, yellow, red  
Outer diameter:  $\varnothing 0.7 \pm 0.10$  mm  
Nominal thickness: 0.15 mm  
Resistance at 20 °C: 1000 M $\Omega$ /km**Shield**Type: spiral  
Material: tinned copper strands  
Strand size:  $\varnothing 0.08$  mm  
Coverage: 90 % minimum**Outer jacket**Material: TPU, 70 °C  
Color: cool gray 9C  
Nominal thickness: 0.50 mm  
Diameter:  $\varnothing 2.8 \pm 0.15$  mm**Filler**

Material: aramid fiber

**Tests**Tensile strength: 35.7 kgf  
Dielectric test: 1500 V dc for 1 minute without breakdown  
Bend test at 200 g,  $\pm 90^\circ$ , 30 cycles /min: 15,000 cycle minimum

REVISION	DATE	DESCRIPTION	PREPARED:	NOTES	<h1>TENSILITY</h1> <p>20802 Sockeye Place #130 Bend, OR 97701 USA tel 541.323.3228 fax 541.323.4202 800 877.670.7118 www.tensility.com</p>				
A	4/24/2015	Initial release		RoHS and REACH compliant					
A1	6/29/2015	Updated notes section	VERIFIED:	Jacket meets ISO 10993 for biological compatibility Phthalate and halogen free					
A2	1/13/2016	Updated notes, corrected tolerances	DIMENSIONS ARE IN MILLIMETERS	Function test: no open, no short, no intermittent					
A3	1/17/2019	Changed filler material to generic name		TOLERANCES: X: $\pm 0.5$ mm X.X: $\pm 0.3$ mm X.XX: $\pm 0.05$ mm		DESCRIPTION: Wire, 4C TS, 28 AWG, 150V, 70C, 2.8 mm, spiral shield, TPU, gray			
					<table border="1"> <tr> <td>SIZE</td> <td>PART NUMBER</td> </tr> <tr> <td>A</td> <td>30-00447</td> </tr> </table>	SIZE	PART NUMBER	A	30-00447
SIZE	PART NUMBER								
A	30-00447								
				SCALE: 1:1	SHEET 1 OF 1				