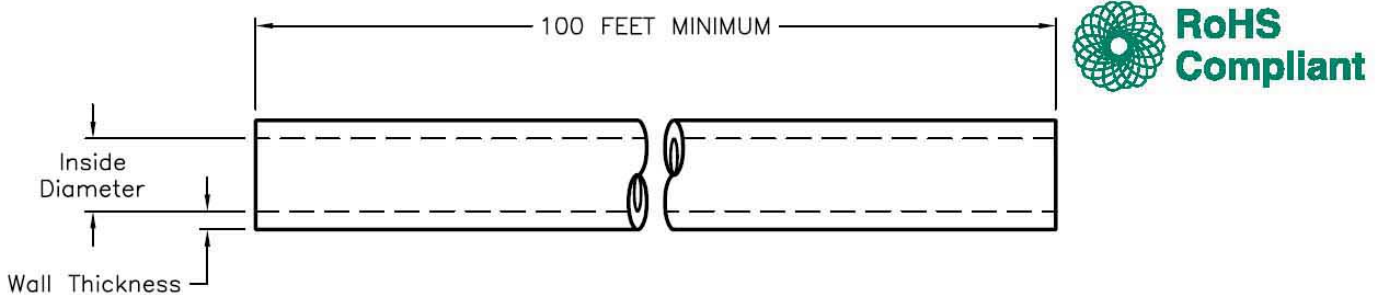


Standard Wall PTFE Insulating Tubing



Part Number	AWG SIZE	Inside Diameter			Wall Thickness	
		Nominal Inches(MM)	Max. Inches(MM)	Min. Inches(MM)	Nominal Inches(MM)	Tolerance Inches(MM)
TSI-S24-1100-NAT	24	0.023(0.58)	0.026(0.66)	0.020(0.51)	0.012(0.30)	0.002(0.05)
TSI-S22-1100-NAT	22	0.029(0.74)	0.032(0.81)	0.026(0.66)		
TSI-S20-1100-NAT	20	0.035(0.89)	0.038(0.97)	0.032(0.81)	0.016(0.41)	0.003(0.08)
TSI-S18-1100-NAT	18	0.043(1.09)	0.046(1.17)	0.040(1.02)		
TSI-S16-1100-NAT	16	0.055(1.40)	0.058(1.47)	0.051(1.30)		
TSI-S14-1100-NAT	14	0.068(1.73)	0.072(1.83)	0.064(1.63)		
TSI-S12-1100-NAT	12	0.086(2.18)	0.091(2.31)	0.081(2.06)		
TSI-S10-1100-NAT	10	0.107(2.72)	0.112(2.84)	0.102(2.59)		
TSI-S08-1100-NAT	8	0.134(3.40)	0.139(3.53)	0.129(3.28)	0.020(0.51)	0.004(0.10)
TSI-S07-1100-NAT	7	0.150(3.81)	0.155(3.94)	0.144(3.66)		
TSI-S06-1100-NAT	6	0.168(4.27)	0.174(4.42)	0.162(4.11)		
TSI-S05-1100-NAT	5	0.189(4.80)	0.195(4.95)	0.182(4.62)		
TSI-S04-1100-NAT	4	0.211(5.36)	0.218(5.54)	0.204(5.18)		

SPECIFICATIONS:

TSI series is a Non-Toxic, chemically inert tubing which offers superior insulating and highly stable electrical properties. It features excellent electrical performance and resists wicking, moisture absorption and contamination. It also has excellent oil, acid, and solvent resistance

1. Material: Teflon (PTFE)
2. Color: Natural
3. Operating Temperature: -275°F (-171°C) to 500°F (260°C)
4. Dielectric Strength: >1,400 Volts/MIL Per ASTM D 149 Short Term Test of 10 Mil Thickness
5. Dielectric Constant: 2.1 @ 1 MHz
6. Tensile Strength: 3,000 ~ 4,000 PSI
7. Volume Resistivity: >10¹⁷ Ohm - Cm Min.
8. Elongation: 200 ~ 400%
9. Specific Gravity: 2.1 ~ 2.2 Gram/Cm³
10. Flammability:
Resin: UL 94 V-0
Tubing: UL 224 VW-1
11. MIL. Spec #: MIL-I-22129
12. AMS-3653
13. Flexibility: 2 (The material are rated on scale of 1 ~ 10, where 1 = most flexible and 10 = most rigid)

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