

# Standard Wall PTFE Insulating Tubing

**multicomp** PRO

**RoHS  
Compliant**



## Description

TSI (AWG) series is a standard wall, chemically inert tubing which offers superior insulating properties. It features excellent flex life, heat resistance and is self extinguishing.

## Applications

- Electrical Insulation
- Protective Cover
- Circuit Board
- Wire Insulation
- Strain Relief
- Introducer
- Stent Delivery

## Features

- Virgin Polytetrafluoroethylene resin
- Chemically inert
- Lowest coefficient of friction
- Superior dielectric strength
- Exceptional heat resistance
- Self extinguishing
- Non-wetting
- Excellent flexlife
- Laser markable

## Specifications

Material	: PTFE
Colour	: Natural
Working Temperature	: 260°C (500°F)
Flammability	: UL83 (natural)

## Certifications/Compliance

- ASTM D3295 Class 3
- AMS 3653E
- MIL-I-22129C
- UL-224 600V 200°C
- CSA 9032-01 600V
- VW1, UL-83 (natural)
- FDA Compliant
- USP Class VI Compliant

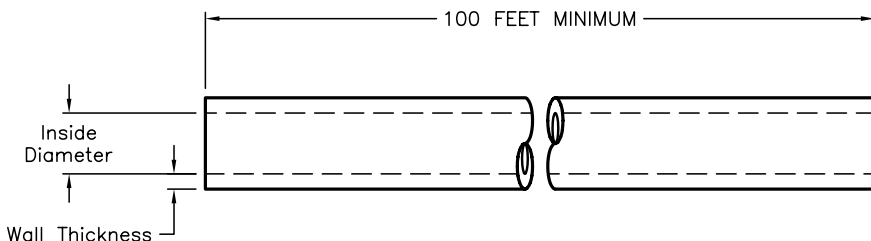
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## Diagram



## PTFE TSI (AWG) Series Standard Wall

Part Number	AWG Size	Inside Diameter						Wall Thickness	
		Nominal I.D.		Minimum I.D.		Maximum I.D.		Nominal Wall	
		Inch	mm	Inch	mm	Inch	mm	Inch	mm
TSI-S24-1100-NAT	24	0.022	0.56	0.02	0.51	0.026	0.66	0.012 ±0.003	0.31 ±0.08
TSI-S22-1100-NAT	22	0.028	0.71	0.025	0.64	0.032	0.81	0.012 ±0.003	0.31 ±0.08
TSI-S20-1100-NAT	20	0.034	0.86	0.032	0.81	0.04	1.02	0.016 ±0.003	0.41 ±0.08
TSI-S18-1100-NAT	18	0.042	1.07	0.04	1.02	0.049	1.25	0.016 ±0.003	0.41 ±0.08
TSI-S16-1100-NAT	16	0.053	1.35	0.051	1.3	0.061	1.55	0.016 ±0.003	0.41 ±0.08
TSI-S14-1100-NAT	14	0.066	1.68	0.064	1.63	0.074	1.88	0.016 ±0.003	0.41 ±0.08
TSI-S12-1100-NAT	12	0.085	2.16	0.081	2.06	0.091	2.31	0.016 ±0.003	0.41 ±0.08
TSI-S10-1100-NAT	10	0.106	2.69	0.102	2.59	0.112	2.84	0.016 ±0.003	0.41 ±0.08
TSI-S08-1100-NAT	8	0.133	3.38	0.129	3.28	0.141	3.58	0.02 ±0.004	0.51 ±0.1
TSI-S06-1100-NAT	6	0.166	4.22	0.162	4.11	0.178	4.52	0.02 ±0.004	0.51 ±0.1
TSI-S05-1100-NAT	5	0.185	4.7	0.182	4.62	0.196	4.98	0.02 ±0.004	0.51 ±0.1
TSI-S04-1100-NAT	4	0.208	5.28	0.204	5.18	0.224	5.69	0.02 ±0.004	0.51 ±0.1

## Part Number Table

Description	Packaging	Part Number
Standard Wall PTFE Insulating Tubing	100ft (30.5m)	TSI-S24-1100-NAT
		TSI-S22-1100-NAT
		TSI-S20-1100-NAT
		TSI-S18-1100-NAT
		TSI-S16-1100-NAT
		TSI-S14-1100-NAT

Description	Packaging	Part Number
Standard Wall PTFE Insulating Tubing	100ft (30.5m)	TSI-S12-1100-NAT
		TSI-S10-1100-NAT
		TSI-S08-1100-NAT
		TSI-S06-1100-NAT
		TSI-S05-1100-NAT
		TSI-S04-1100-NAT

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