

# Thin Wall PTFE Insulating Tubing

**multicomp** PRO

**RoHS  
Compliant**



## Description

The series is a thin 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 2
- AMS 3653E
- AMS 3655B
- UL-224 300V 200°C
- CSA 9032-01 300V
- VW1, UL-83 (natural)
- FDA Compliant
- USP Class VI Compliant

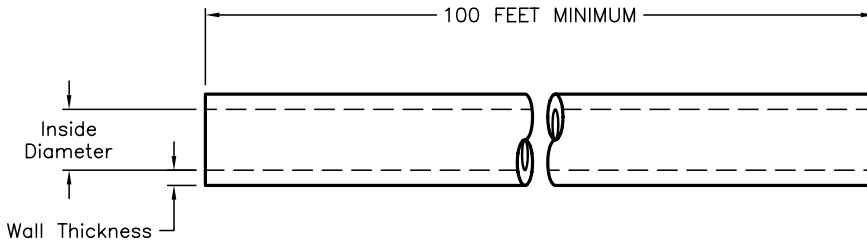
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## Diagram



## PTFE Thin Wall (AWG) Series

Part Number	AWG Size	OD Inch	Inside Diameter						Wall Thickness	
			Nominal I.D.		Minimum I.D.		Maximum I.D.		Nominal Wall	
			Inch	mm	Inch	mm	Inch	mm	Inch	mm
TTI-S28-1100-NAT	28	-	0.015	0.38	0.013	0.33	0.018	0.46	0.009 ± 0.002	0.23 ± 0.05
TTI-S26-1100-NAT	26	-	0.018	0.46	0.016	0.41	0.022	0.56	0.009 ± 0.002	0.23 ± 0.05
TTI-S24-1100-NAT	24	-	0.022	0.56	0.02	0.51	0.026	0.66	0.010 ± 0.003	0.25 ± 0.08
TTI-S22-1100-NAT	22	-	0.028	0.71	0.025	0.64	0.032	0.81	0.010 ± 0.003	0.25 ± 0.08
TTI-S20-1100-NAT	20	0.06	0.036	0.91	0.032	0.81	0.04	1.02	0.012 ± 0.003	0.31 ± 0.08
TTI-S18-1100-NAT	18	-	0.042	1.07	0.04	1.02	0.049	1.25	0.012 ± 0.003	0.31 ± 0.08
TTI-S16-1100-NAT	16	-	0.053	1.35	0.051	1.3	0.061	1.55	0.012 ± 0.003	0.31 ± 0.08
TTI-S14-1100-NAT	14	-	0.066	1.68	0.064	1.63	0.074	1.88	0.012 ± 0.003	0.31 ± 0.08
TTI-S12-1100-NAT	12	-	0.085	2.16	0.081	2.06	0.091	2.31	0.012 ± 0.003	0.31 ± 0.08
TTI-S10-1100-NAT	10	-	0.106	2.69	0.102	2.59	0.112	2.84	0.012 ± 0.003	0.31 ± 0.08
TTI-S08-1100-NAT	8	-	0.133	3.38	0.129	3.28	0.141	3.58	0.015 ± 0.003	0.38 ± 0.08
TTI-S06-1100-NAT	6	-	0.166	4.22	0.162	4.11	0.178	4.52	0.015 ± 0.003	0.38 ± 0.08
TTI-S00-1100-NAT	0	-	0.33	8.38	0.325	8.25	0.347	8.81	0.015 ± 0.003	0.38 ± 0.08

## Part Number Table

Description	Packaging	Part Number
Thin Wall PTFE Insulating Tubing	100ft 30.5m	TTI-S28-1100-NAT
		TTI-S26-1100-NAT
		TTI-S24-1100-NAT
		TTI-S22-1100-NAT
		TTI-S20-1100-NAT
		TTI-S18-1100-NAT
		TTI-S16-1100-NAT

Description	Packaging	Part Number
Thin Wall PTFE Insulating Tubing	100ft 30.5m	TTI-S14-1100-NAT
		TTI-S12-1100-NAT
		TTI-S10-1100-NAT
		TTI-S08-1100-NAT
		TTI-S06-1100-NAT
		TTI-S00-1100-NAT

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