



# PTFE0H - Teflon®

**NON-SHRINK, POLYTETRAFLUOROETHYLENE TUBING  
HEAVY WALL (AWG Spaghetti sized tubing)**

## Applications

PTFE0H is a heavy wall non-shrink, flame retardant polytetrafluoroethylene tube. It is designed for a wide range of applications requiring high heat-resistance.

## Features

- ★ Continuous operating temperature: -75 °C to +260 °C (-103 °F to +500 °F)
- ★ Highly heat-resistant
- ★ High resistance to chemicals and oils

## Standards

- ★ Declared Dimension Life (DDL) - 12 years
- ★ Meets V-0 Flammability
- ★ RoHS & REACH Compliant

## Specification Values

Property		Test Method	Value
Physical	Specific Gravity (Max.)	ASTM D792	2.20
	Elongation (Min.)	ASTM D638	200%
	Tensile Strength (Min.)	ASTM D638	2500 psi
	Hardness Durometer	ASTM D2240	D-60
Electrical	Dielectric Strength	ASTM D149	1400 Volts/mil
	Volume Resistivity (Min.)	ASTM D257	10 <sup>18</sup> Ω · cm
General	Chemical/Solvent Resistance	-	Excellent
	Water Absorption (Max.)	ASTM D570	0.01
	Flammability Rating	UL 94	V-0

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*Tubing and Identification Products*



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## Product Dimensions

AWG Size	Inside Diameter					
	Internal Diameter in (D)		Internal Diameter mm (D)		Wall Thickness (Nominal) (t)	
	Min	Max	Min	Max	in	mm
24	.020	.026	.510	.670	.016 ± .003	.406 ± .076
23	.023	.029	.584	.740	.016 ± .003	.406 ± .076
22	.025	.032	.640	.810	.016 ± .003	.406 ± .076
21	.029	.035	.740	.890	.018 ± .003	.457 ± .076
20	.032	.040	.813	1.02	.018 ± .003	.457 ± .076
19	.036	.044	.914	1.12	.020 ± .004	.508 ± .102
18	.040	.049	1.02	1.25	.020 ± .004	.508 ± .102
17	.045	.054	1.14	1.37	.020 ± .004	.508 ± .102
16	.051	.061	1.30	1.55	.020 ± .004	.508 ± .102
15	.057	.067	1.45	1.70	.020 ± .004	.508 ± .102
14	.064	.074	1.63	1.88	.020 ± .004	.508 ± .102
13	.072	.082	1.83	2.08	.020 ± .004	.508 ± .102
12	.081	.091	2.06	2.31	.020 ± .004	.508 ± .102
11	.091	.101	2.31	2.57	.020 ± .004	.508 ± .102
10	.102	.112	2.59	2.85	.025 ± .005	.635 ± .127
9	.114	.124	2.90	3.15	.025 ± .005	.635 ± .127
8	.129	.141	3.28	3.58	.030 ± .005	.762 ± .127
7	.144	.158	3.66	4.01	.030 ± .005	.762 ± .127
6	.162	.178	4.11	4.52	.030 ± .005	.762 ± .127
5	.182	.198	4.62	5.03	.032 ± .005	.813 ± .127

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