



PTFE0T - Teflon®

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

Applications

PTFE0T is a thin 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	$10^{18} \Omega \cdot \text{cm}$
General	Chemical/Solvent Resistance	-	Excellent
	Water Absorption (Max.)	ASTM D570	0.01
	Flammability Rating	UL 94	V-0

Rev. March 2024



Dunbar Products, LLC
Tubing and Identification Products



1302 Champion Circle, Carrollton, TX 75006
Tel: (469) 568-0800
Fax: (469) 568-0808



PTFE0T - Teflon®

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



Product Dimensions

AWG Size	Inside Diameter					
	Internal Diameter in (D)		Internal Diameter mm (D)		Wall Thickness (Nominal) (t)	
	Min	Max	Min	Max	in	mm
32	.007	.011	.180	.280	.009 ± .002	.229 ± .051
30	.010	.015	.254	.381	.009 ± .002	.229 ± .051
28	.013	.018	.330	.480	.009 ± .002	.229 ± .051
26	.016	.021	.410	.560	.009 ± .002	.229 ± .051
24	.020	.026	.510	.670	.010 ± .003	.254 ± .076
23	.023	.029	.584	.740	.010 ± .003	.254 ± .076
22	.025	.032	.640	.810	.010 ± .003	.254 ± .076
21	.029	.035	.740	.890	.010 ± .003	.254 ± .076
20	.032	.040	.813	1.02	.012 ± .003	.305 ± .076
19	.036	.044	.914	1.12	.012 ± .003	.305 ± .076
18	.040	.049	1.02	1.25	.012 ± .003	.305 ± .076
17	.045	.054	1.14	1.37	.012 ± .003	.305 ± .076
16	.051	.061	1.30	1.55	.012 ± .003	.305 ± .076
15	.057	.067	1.45	1.70	.012 ± .003	.305 ± .076
14	.064	.074	1.63	1.88	.012 ± .003	.305 ± .076
13	.072	.082	1.83	2.08	.012 ± .003	.305 ± .076
12	.081	.091	2.06	2.31	.012 ± .003	.305 ± .076
11	.091	.101	2.31	2.57	.012 ± .003	.305 ± .076
10	.102	.112	2.59	2.85	.012 ± .003	.305 ± .076
9	.114	.124	2.90	3.15	.015 ± .003	.381 ± .076
8	.129	.141	3.28	3.58	.015 ± .003	.381 ± .076
7	.144	.158	3.66	4.01	.015 ± .003	.381 ± .076
6	.162	.178	4.11	4.52	.015 ± .003	.381 ± .076
5	.182	.198	4.62	5.03	.015 ± .003	.381 ± .076
4	.204	.224	5.18	5.69	.015 ± .003	.381 ± .076
3	.229	.249	5.82	6.33	.015 ± .003	.381 ± .076
2	.258	.278	6.55	7.06	.015 ± .003	.381 ± .076
1	.289	.311	7.34	7.90	.015 ± .003	.381 ± .076
0	.325	.347	8.26	8.81	.015 ± .003	.381 ± .076

Rev. March 2024



Dunbar Products, LLC
Tubing and Identification Products



1302 Champion Circle, Carrollton, TX 75006
Tel: (469) 568-0800
Fax: (469) 568-0808