



# DUNBAR - PTFE0T - Teflon®

## NON-SHRINK, POLYTETRAFLUOROETHYLENE TUBING

### THIN WALL (AWG 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
- ★ Meets AMS3655
- ★ 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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*Dunbar Products, LLC*  
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
32	.007	.011	.18	.28	.009 ± .002	.23 ± .05
30	.010	.015	.25	.38	.009 ± .002	.23 ± .05
28	.013	.019	.33	.48	.009 ± .002	.23 ± .05
26	.016	.022	.41	.56	.009 ± .002	.23 ± .05
24	.020	.027	.51	.68	.010 ± .003	.25 ± .08
23	.023	.030	.58	.76	.010 ± .003	.25 ± .08
22	.025	.032	.64	.81	.010 ± .003	.25 ± .08
21	.029	.036	.74	.91	.010 ± .003	.25 ± .08
20	.032	.040	.81	1.02	.012 ± .003	.30 ± .08
19	.036	.044	.91	1.12	.012 ± .003	.30 ± .08
18	.040	.049	1.02	1.24	.012 ± .003	.30 ± .08
17	.045	.054	1.14	1.37	.012 ± .003	.30 ± .08
16	.051	.061	1.30	1.55	.012 ± .003	.30 ± .08
15	.057	.067	1.45	1.70	.012 ± .003	.30 ± .08
14	.064	.074	1.62	1.88	.012 ± .003	.30 ± .08
13	.072	.082	1.83	2.08	.012 ± .003	.30 ± .08
12	.081	.091	2.06	2.31	.012 ± .003	.30 ± .08
11	.091	.101	2.31	2.56	.012 ± .003	.30 ± .08
10	.102	.112	2.59	2.84	.012 ± .003	.30 ± .08
9	.114	.124	2.90	3.15	.015 ± .003	.38 ± .08
8	.129	.141	3.28	3.58	.015 ± .003	.38 ± .08
7	.144	.158	3.66	4.01	.015 ± .003	.38 ± .08
6	.162	.178	4.11	4.52	.015 ± .003	.38 ± .08
5	.182	.198	4.62	5.03	.015 ± .003	.38 ± .08
4	.204	.224	5.18	5.69	.015 ± .003	.38 ± .08
3	.229	.249	5.82	6.32	.015 ± .003	.38 ± .08
2	.258	.278	6.55	7.06	.015 ± .003	.38 ± .08
1	.289	.311	7.34	7.90	.015 ± .003	.38 ± .08
0	.325	.347	8.26	8.81	.015 ± .003	.38 ± .08

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