



DUNBAR - PTFE0S - Teflon®

NON-SHRINK, POLYTETRAFLUOROETHYLENE TUBING

STANDARD WALL (AWG sized tubing)

Applications

PTFE0S is a standard 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 MIL-I-22129C and AMS3653
- ★ 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. April 2025



Dunbar Products, LLC
Tubing and Identification Products



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



DUNBAR - PTFE0S - Teflon®

NON-SHRINK, POLYTETRAFLUOROETHYLENE TUBING
STANDARD WALL (AWG 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
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	.012 ± .003	.30 ± .08
23	.023	.030	.58	.76	.012 ± .003	.30 ± .08
22	.025	.032	.64	.81	.012 ± .003	.30 ± .08
21	.029	.036	.74	.91	.012 ± .003	.30 ± .08
20	.032	.040	.81	1.02	.016 ± .003	.41 ± .08
19	.036	.044	.91	1.12	.016 ± .003	.41 ± .08
18	.040	.049	1.02	1.24	.016 ± .003	.41 ± .08
17	.045	.054	1.14	1.37	.016 ± .003	.41 ± .08
16	.051	.061	1.30	1.55	.016 ± .003	.41 ± .08
15	.057	.067	1.45	1.70	.016 ± .003	.41 ± .08
14	.064	.074	1.62	1.88	.016 ± .003	.41 ± .08
13	.072	.082	1.83	2.08	.016 ± .003	.41 ± .08
12	.081	.091	2.06	2.31	.016 ± .003	.41 ± .08
11	.091	.101	2.31	2.56	.016 ± .003	.41 ± .08
10	.102	.112	2.59	2.84	.016 ± .003	.41 ± .08
9	.114	.124	2.90	3.15	.020 ± .004	.51 ± .10
8	.129	.141	3.28	3.58	.020 ± .004	.51 ± .10
7	.144	.158	3.66	4.01	.020 ± .004	.51 ± .10
6	.162	.178	4.11	4.52	.020 ± .004	.51 ± .10
5	.182	.198	4.62	5.03	.020 ± .004	.51 ± .10
4	.204	.224	5.18	5.69	.020 ± .004	.51 ± .10
3	.229	.249	5.82	6.32	.020 ± .004	.51 ± .10
2	.258	.278	6.55	7.06	.020 ± .004	.51 ± .10
1	.289	.311	7.34	7.90	.020 ± .004	.51 ± .10
0	.325	.347	8.26	8.81	.020 ± .004	.51 ± .10

Rev. April 2025



Dunbar Products, LLC
Tubing and Identification Products



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