



DUNBAR - PTFE0L - Teflon®

NON-SHRINK, POLYTETRAFLUOROETHYLENE TUBING

LIGHT WALL (AWG sized tubing)

Applications

PTFE0L is a light 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 AMS3654
- ★ 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 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	.006 ± .002	.15 ± .05
30	.010	.015	.25	.38	.006 ± .002	.15 ± .05
28	.013	.018	.33	.46	.006 ± .002	.15 ± .05
26	.016	.021	.41	.53	.006 ± .002	.15 ± .05
24	.020	.026	.51	.60	.006 ± .002	.20 ± .05
23	.023	.029	.58	.74	.006 ± .002	.20 ± .05
22	.026	.032	.60	.81	.006 ± .002	.20 ± .05
21	.029	.035	.74	.89	.006 ± .002	.20 ± .05
20	.032	.038	.81	.96	.006 ± .002	.20 ± .05
19	.036	.042	.91	1.07	.006 ± .002	.20 ± .05
18	.040	.046	1.02	1.17	.006 ± .002	.20 ± .05
17	.045	.052	1.14	1.32	.006 ± .002	.20 ± .05
16	.051	.058	1.30	1.47	.006 ± .002	.20 ± .05
15	.057	.065	1.45	1.65	.006 ± .002	.20 ± .05
14	.064	.072	1.62	1.83	.008 ± .002	.20 ± .05
13	.072	.081	1.83	2.06	.008 ± .002	.20 ± .05
12	.081	.091	2.06	2.31	.008 ± .002	.20 ± .05
11	.091	.101	2.31	2.56	.008 ± .002	.20 ± .05
10	.102	.112	2.59	2.84	.008 ± .002	.20 ± .05
9	.114	.124	2.90	3.15	.008 ± .002	.20 ± .05
8	.129	.139	3.28	3.53	.008 ± .002	.20 ± .05
7	.144	.155	3.66	3.94	.008 ± .002	.20 ± .05
6	.162	.174	4.11	4.42	.010 ± .003	.25 ± .08
5	.182	.195	4.62	4.95	.010 ± .003	.25 ± .08
4	.204	.218	5.18	5.54	.010 ± .003	.25 ± .08
3	.229	.244	5.82	6.20	.010 ± .003	.25 ± .08
2	.258	.273	6.55	6.93	.010 ± .003	.25 ± .08
1	.289	.305	7.34	7.75	.010 ± .003	.25 ± .08
0	.325	.342	8.26	8.69	.012 ± .003	.30 ± .08

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