



## PTFE2L - Teflon®

2:1 SHRINK RATIO, POLYTETRAFLUOROETHYLENE TUBING  
LIGHT WALL

### Applications

PTFE2L is a light wall, flame retardant heat shrinkable polytetrafluoroethylene tube. It is designed for a wide range of applications requiring high heat-resistance.

### Features

- ★ Shrink ratio: 2:1 shrink ratio in the radial direction,  $\pm 20\%$  in the axial direction
- ★ 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

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**Dunbar Products, LLC**  
Tubing and Identification Products

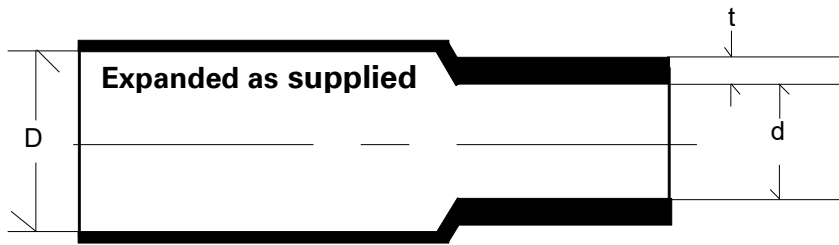


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Fully recovered after heating

### Product Dimensions

Minimum Shrink Temperature: 327 °C

AWG Size	Expanded		Recovered			
	Internal Diameter (Minimum) (D)		Internal Diameter (Maximum) (d)		Wall Thickness (Nominal) (t)	
	in	mm	in	mm	in	mm
30	.034	.864	.015	.381	.006 ± .002	.152 ± .051
28	.038	.965	.018	.457	.006 ± .002	.152 ± .051
26	.046	1.17	.022	.559	.006 ± .002	.152 ± .051
24	.050	1.27	.025	.644	.006 ± .002	.152 ± .051
22	.055	1.40	.031	.790	.006 ± .002	.152 ± .051
20	.060	1.53	.038	.970	.006 ± .002	.152 ± .051
19	.065	1.65	.043	1.09	.006 ± .002	.152 ± .051
18	.076	1.93	.046	1.17	.006 ± .002	.152 ± .051
17	.085	2.16	.054	1.37	.006 ± .002	.152 ± .051
16	.093	2.36	.057	1.45	.006 ± .002	.152 ± .051
15	.110	2.79	.063	1.60	.006 ± .002	.152 ± .051
14	.120	3.05	.072	1.83	.008 ± .002	.203 ± .051
13	.140	3.56	.080	2.03	.008 ± .002	.203 ± .051
12	.150	3.81	.089	2.26	.008 ± .002	.203 ± .051
11	.170	4.32	.099	2.51	.008 ± .002	.203 ± .051
10	.191	4.85	.110	2.79	.008 ± .002	.203 ± .051
9	.205	5.21	.122	3.10	.008 ± .002	.203 ± .051
8	.240	6.10	.139	3.53	.008 ± .002	.203 ± .051
7	.270	6.86	.154	3.91	.008 ± .002	.203 ± .051
6	.302	7.67	.172	4.37	.010 ± .003	.254 ± .076
5	.320	8.13	.192	4.88	.010 ± .003	.254 ± .076
4	.370	9.40	.214	5.44	.010 ± .003	.254 ± .076
3	.390	9.91	.241	6.12	.010 ± .003	.254 ± .076
2	.430	10.92	.270	6.86	.010 ± .003	.254 ± .076
1	.450	11.43	.301	7.65	.010 ± .003	.254 ± .076
0	.470	11.94	.347	8.81	.012 ± .003	.305 ± .076

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