



PTFE0L

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

Applications

PTFE0L is a non-shrink, flame retardant heat shrinkable polytetrafluoroethylene tube. It is designed for a wide range of applications requiring high heat-resistance.

Features

- ★ In stock for immediate shipments
- ★ Continuous operating temperature: - 75°C to 260°C
- ★ Flammability: UL VW-1
- ★ Highly heat-resistant
- ★ High resistance to chemicals and oils

Standard

- ★ UL 224 (File Number: E103313)
- ★ RoHS Compliant

Specification Values

Property		Test Method	Value
Physical	Specific Gravity	ASTM D792	2.13-2.0
	Elongation	ASTM D638	200-450%
	Tensile Strength	ASTM D638	2000-4500 psi
	Flexural Strength	ASTM D790	No break
	Compressive Strength	ASTM D695	3500 psi
	Flexural Modulus	ASTM D790	71000-85000 psi
	Hardness Durometer	ASTM D636	D-50-65
	Abrasion Resistance	Taber	12 (1000 revs)
Electrical	Dielectric Strength	ASTM D149	500 (125 MIL)
		ASTM D149	≥1400 (10 MIL)
	Volume Resistivity	ASTM D257	>10 ¹⁸ Ω - cm
	Surface Resistivity	ASTM D257	>10 ¹⁷ Ω - cm
General	Chemical/Solvent Resistance	ASTM D543	No corrosion
	Water Absorption	ASTM D570	<0.01
	Deformation Under Load	ASTM D621	No growth
	Flammability Rating	UL 94	VO

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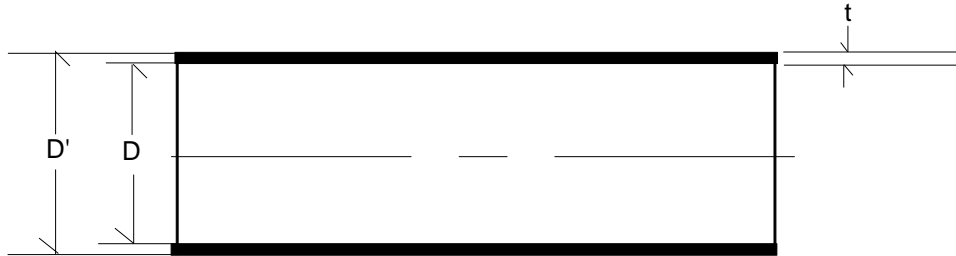
Dunbar Associates
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 LIGHT WALL (AWG Spaghetti sized tubing)



Product Dimensions

AWG Size	Inside Diameter					
	Internal Diameter Inch (D)		Internal Diameter MM (D)		Total Wall Thickness (t)	
	Min	Max	Min	Max	In	mm
32	.010	.015	.25	.25	.005 ± .002	.127 ± .051
30	.010	.015	.25	.38	.006 ± .002	.152 ± .051
28	.013	.018	.33	.48	.006 ± .002	.152 ± .051
26	.016	.021	.41	.53	.006 ± .002	.152 ± .051
24	.020	.026	.51	.66	.006 ± .002	.152 ± .051
23	.023	.029	.58	.74	.006 ± .002	.152 ± .051
22	.026	.032	.66	.81	.006 ± .002	.152 ± .051
21	.029	.035	.74	.89	.006 ± .002	.152 ± .051
20	.032	.038	.81	.97	.006 ± .002	.152 ± .051
19	.036	.042	.91	1.06	.006 ± .002	.152 ± .051
18	.040	.046	1.02	1.17	.006 ± .002	.152 ± .051
17	.045	.052	1.14	1.32	.006 ± .002	.152 ± .051
16	.051	.058	1.30	1.47	.006 ± .002	.152 ± .051
15	.057	.065	1.45	1.65	.006 ± .002	.152 ± .051
14	.064	.072	1.63	1.83	.008 ± .002	.203 ± .051
13	.072	.081	1.83	2.06	.008 ± .002	.203 ± .051
12	.081	.091	2.08	2.31	.008 ± .002	.203 ± .051
11	.091	.101	2.31	2.57	.008 ± .002	.203 ± .051
10	.102	.112	2.59	2.84	.008 ± .002	.203 ± .051
9	.114	.124	2.90	3.15	.008 ± .002	.203 ± .051
8	.129	.139	3.28	3.53	.008 ± .002	.203 ± .051
7	.144	.155	3.68	3.94	.008 ± .002	.254 ± .076
6	.162	.174	4.11	4.42	.010 ± .003	.254 ± .076
5	.182	.195	4.62	4.95	.010 ± .003	.254 ± .076
4	.204	.218	5.18	5.54	.010 ± .003	.254 ± .076
3	.229	.244	5.82	6.19	.010 ± .003	.254 ± .076
2	.258	.273	6.55	6.93	.010 ± .003	.254 ± .076
1	.289	.305	7.34	7.75	.010 ± .003	.254 ± .076
0	.325	.342	8.26	8.69	.305 ± .076	.305 ± .076

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