



PTFE0T

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

Applications

PTFE0T 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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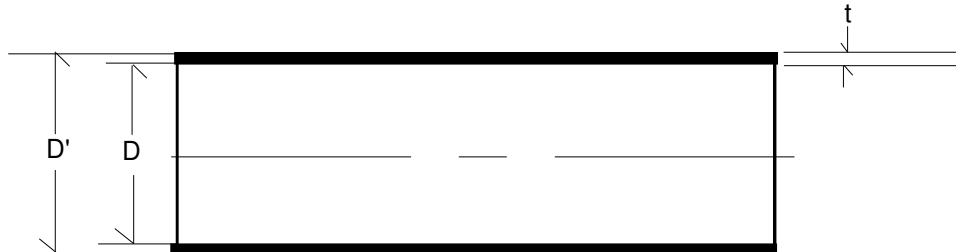


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THIN WALL (AWG Spaghetti sized tubing)



Product Dimensions

AWG Size	Inside Diameter					
	Internal Diameter In. (D)		Internal Diameter mm (D)		Total Wall Thickness (t)	
	min	max	min	max	In.	mm
30	.010	.015	.25	.38	.009 ± .002	.229 ± .051
28	.013	.018	.33	.48	.009 ± .002	.229 ± .051
26	.016	.021	.41	.53	.009 ± .002	.229 ± .051
24	.020	.026	.51	.66	.010 ± .002	.254 ± .051
23	.023	.029	.58	.74	.010 ± .002	.254 ± .051
22	.026	.032	.66	.81	.010 ± .002	.254 ± .051
21	.029	.035	.74	.89	.012 ± .002	.305 ± .051
20	.032	.040	.81	.97	.012 ± .002	.305 ± .076
19	.036	.042	.91	1.06	.012 ± .002	.305 ± .076
18	.040	.046	1.02	1.17	.012 ± .002	.305 ± .076
17	.045	.052	1.14	1.32	.012 ± .002	.305 ± .076
16	.051	.058	1.30	1.47	.012 ± .002	.305 ± .076
15	.057	.065	1.45	1.65	.012 ± .002	.305 ± .076
14	.064	.072	1.63	1.83	.012 ± .002	.305 ± .076
13	.072	.081	1.83	2.06	.012 ± .002	.305 ± .076
12	.081	.091	2.08	2.31	.012 ± .002	.305 ± .076
11	.091	.101	2.31	2.57	.012 ± .002	.305 ± .076
10	.102	.112	2.59	2.84	.012 ± .002	.305 ± .076
9	.114	.124	2.90	3.15	.015 ± .003	.381 ± .076
8	.129	.139	3.28	3.53	.015 ± .003	.381 ± .076
7	.144	.155	3.68	3.94	.015 ± .003	.381 ± .076
6	.162	.174	4.11	4.42	.015 ± .003	.381 ± .076
5	.182	.195	4.62	4.95	.015 ± .003	.381 ± .076
4	.204	.218	5.18	5.54	.015 ± .003	.381 ± .076
3	.229	.244	5.82	6.19	.015 ± .003	.381 ± .076
2	.258	.273	6.55	6.93	.015 ± .003	.381 ± .076
1	.289	.305	7.34	7.75	.015 ± .003	.381 ± .076
0	.325	.342	8.26	8.69	.015 ± .003	.381 ± .076

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Dunbar Products, LLC
Tubing and Identification Products

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