



PTFE2S - Teflon®

2:1 SHRINK RATIO, POLYTETRAFLUOROETHYLENE TUBING STANDARD WALL

Applications

PTFE2S is a standard 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

Rev. February 2024



Dunbar Products, LLC
Tubing and Identification Products

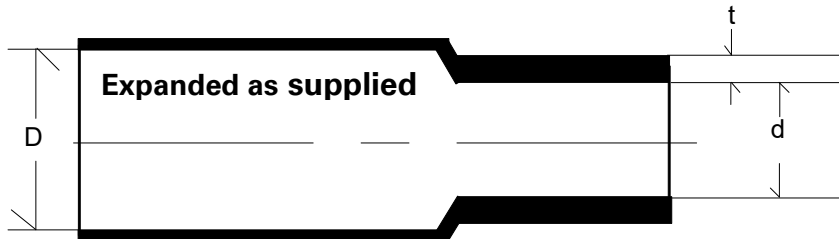


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STANDARD WALL



Fully recovered after heating

Product Dimensions

Minimum Shrink Temperature: 327 °C

Size	Expanded		Recovered			
	Internal Diameter (Minimum) (D)		Internal Diameter (Maximum) (d)		Wall Thickness (Nominal) (t)	
	in	mm	in	mm	in	mm
AWG						
30	.034	.864	.015	.381	.009 ± .002	.229 ± .051
28	.038	.965	.018	.457	.009 ± .002	.229 ± .051
26	.046	1.17	.022	.559	.010 ± .002	.254 ± .051
24	.050	1.27	.027	.686	.012 ± .002	.305 ± .051
22	.055	1.40	.032	.813	.012 ± .002	.305 ± .051
20	.060	1.53	.039	.991	.016 ± .003	.406 ± .076
19	.065	1.65	.043	1.09	.016 ± .003	.406 ± .076
18	.076	1.93	.049	1.25	.016 ± .003	.406 ± .076
17	.085	2.16	.054	1.37	.016 ± .003	.406 ± .076
16	.093	2.36	.061	1.55	.016 ± .003	.406 ± .076
15	.110	2.79	.067	1.70	.016 ± .003	.406 ± .076
14	.120	3.05	.072	1.83	.016 ± .003	.406 ± .076
13	.140	3.56	.080	2.03	.016 ± .003	.406 ± .076
12	.150	3.81	.089	2.26	.016 ± .003	.406 ± .076
11	.170	4.32	.101	2.57	.016 ± .003	.406 ± .076
10	.191	4.85	.112	2.85	.016 ± .003	.406 ± .076
9	.205	5.21	.124	3.15	.020 ± .004	.508 ± .102
8	.240	6.10	.141	3.58	.020 ± .004	.508 ± .102
7	.270	6.86	.158	4.01	.020 ± .004	.508 ± .102
6	.302	7.67	.178	4.52	.020 ± .004	.508 ± .102
5	.320	8.13	.198	5.03	.020 ± .004	.508 ± .102
4	.370	9.40	.224	5.69	.020 ± .004	.508 ± .102
3	.390	9.91	.249	6.32	.020 ± .004	.508 ± .102
2	.430	10.92	.278	7.06	.020 ± .004	.508 ± .102
1	.450	11.43	.311	7.90	.020 ± .004	.508 ± .102
0	.470	11.94	.347	8.81	.020 ± .004	.508 ± .102
Fractional						
1/8"	.215	5.46	.130	3.30	.020 ± .004	.508 ± .102
1/4"	.410	10.41	.260	6.60	.020 ± .004	.508 ± .102
5/16"	.470	11.94	.329	8.36	.020 ± .004	.508 ± .102
3/8"	.560	14.22	.399	10.13	.025 ± .006	.635 ± .152
7/16"	.655	16.64	.462	11.73	.025 ± .006	.635 ± .152
1/2"	.750	19.05	.524	13.31	.025 ± .006	.635 ± .152
5/8"	.930	23.62	.655	16.64	.030 ± .006	.762 ± .152
3/4"	1.125	28.58	.786	19.96	.035 ± .008	.889 ± .203
7/8"	1.310	33.27	.911	23.14	.035 ± .008	.889 ± .203
1"	1.500	38.10	1.036	26.31	.035 ± .008	.889 ± .203

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