



PROFESSIONAL PLASTICS

PTFE Tubing – Fractional Sizes

Inside Diameter (inches)				Wall Thickness (inches)					
Frac. Size	Min.	Nom.	Max	Standard Wall		Thin Wall		Lightweight wall	
				Nom.	Tol.	Nom.	Tol.	Nom.	Tol.
1/8	0.120	0.125	0.130	0.020	+/- .004	0.015	+/- .003	-	-
1/8	0.125	0.130	0.135	-	-	-	-	0.008	+/- .002
3/16	0.188	0.192	0.198	0.020	+/- .004	0.015	+/- .003	0.010	+/- .003
1/4	0.250	0.255	0.260	0.020	+/- .004	0.015	+/- .003	0.010	+/- .003
5/16	0.313	0.321	0.332	0.020	+/- .004	0.015	+/- .003	0.012	+/- .003
3/8	0.375	0.387	0.394	0.025	+/- .005	0.015	+/- .003	0.015	+/- .005
7/16	0.438	0.451	0.458	0.025	+/- .005	0.018	+/- .004	0.018	+/- .005
1/2	0.500	0.515	0.520	0.025	+/- .005	0.018	+/- .003	0.018	+/- .005
5/8	0.625	0.643	0.650	0.025	+/- .005	0.020	+/- .004	0.020	+/- .005
3/4	0.750	0.772	0.775	0.030	+/- .006	0.025	+/- .005	0.020	+/- .005
7/8	0.875	0.902	0.927	0.035	+/- .007	-	-	-	-
1	1.000	1.030	1.060	0.035	+/- .007	-	-	-	-
1-1/4	1.250	1.287	1.325	0.040	+/- .007	-	-	-	-
1-1/2	1.500	1.550	1.580	0.045	+/- .007	-	-	-	-

Industrial Specification Tubing (inches)

Spec'd by ID / OD					
Frac Sizes	I.D.	Tol.	O.D.	Tol.	Nom. Wall Thickness
1/32	0.031	+/- .004	.063	+/- .004	.015
1/16	0.063	+/- .005	.125	+/- .005	.030
3/32	0.094	+/- .005	.156	+/- .005	.030
1/8	0.125	+/- .005	.188	+/- .005	.030
3/16	0.188	+/- .005	.250	+/- .005	.030
1/4	0.250	+/- .005	.313	+/- .005	.030
5/16	0.313	+/- .005	.375	+/- .005	.030
3/8	0.375	+/- .005	.438	+/- .005	.030

7/16	0.438	+/- .005	.500	+/- .006	.030
1/2	0.500	+/- .006	.563	+/- .006	.030
9/16	0.563	+/- .006	.625	+/- .006	.030
5/8	0.625	+/- .006	.688	+/- .006	.030
11/16	0.688	+/- .006	.750	+/- .006	.032
3/4	0.750	+/- .006	.830	+/- .006	.040
7/8	0.875	+/- .006	.965	+/- .006	.045
1	1.000	+/- .010	1.10	+/- .010	.050
1-1/8	1.125	+/- .015	1.215	+/- .015	.045
1-1/4	1.250	+/- .015	1.340	+/- .015	.040
1-1/2	1.500	+/- .015	1.580	+/- .015	.040

Packaging

Coils of random production lengths. Fractional and Industrial tubing sizes 7/8" and larger are cut lengths 8 to 9 feet. Custom Packaging on request.

Applicable Specifications

PTFE SW-AMS 3653, ASTM D 3295 MIL-I-22129
PTFE TW-AMS 3655, ASTM D 3295
PTFE LW-AMS 3654, ASTM D 3295
PTFE IND-ASTM D 3295

On all cases of military or commercial specifications, latest revisions apply. Supplied in natural unless otherwise specified. Mil Std. 104 colors on request.

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