



**PTFE Basic Shapes
Catalog**



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fluteck™ P1000 Virgin PTFE Extruded Rod

DIA	Weight (lbs/ft)	Tolerance (in.)	DIA	Weight (lbs/ft)	Tolerance (in.)
0.156	0.0182	+0.002 / -.000	1.500	1.6858	+0.010 / -.000
0.187	0.0262	+0.002 / -.000	1.625	1.9785	+0.010 / -.000
0.250	0.0468	+0.002 / -.000	1.750	2.2946	+0.010 / -.000
0.281	0.0592	+0.002 / -.000	1.875	2.6341	+0.010 / -.000
0.313	0.0734	+0.002 / -.000	2.000	2.9970	+0.010 / -.000
0.344	0.0887	+0.002 / -.000	2.125	3.3833	+0.094 / .000
0.375	0.1054	+0.002 / -.000	2.250	3.7931	+0.094 / .000
0.437	0.1431	+0.002 / -.000	2.375	4.2262	+0.094 / .000
0.500	0.1873	+0.002 / -.000	2.500	4.6828	+0.110 / -.000
0.563	0.2375	+0.002 / -.000	2.625	5.1628	+0.110 / -.000
0.625	0.2927	+0.002 / -.000	2.750	5.6662	+0.110 / -.000
0.687	0.3536	+0.005 / -.000	3.000	6.7433	+0.126 / -.000
0.750	0.4215	+0.005 / -.000	3.250	7.9140	+0.142 / .000
0.813	0.4952	+0.005 / -.000	3.375	8.5344	+0.142 / .000
0.875	0.5736	+0.005 / -.000	3.500	9.1783	+0.142 / .000
0.937	0.6578	+0.005 / -.000	3.750	10.5363	+0.157 / .000
1.000	0.7493	+0.005 / -.000	4.000	11.9880	+0.157 / .000
1.125	0.9483	+0.005 / -.000	4.500	15.1723	+0.197 / .000
1.250	1.1707	+0.005 / -.000	5.000	18.7313	+0.197 / .000
1.375	1.4166	+0.005 / -.000	6.000	26.9730	+0.236 / .000

fluteck™ P1000 Stress-Relieved Virgin PTFE Extruded Rod

DIA	Weight (lbs/ft)	Tolerance (in.)	DIA	Weight (lbs/ft)	Tolerance (in.)
0.156	0.0182	+0.002 / -0.000	1.500	1.6858	+0.010 / -0.000
0.187	0.0262	+0.002 / -0.000	1.625	1.9785	+0.010 / -0.000
0.250	0.0468	+0.002 / -0.000	1.750	2.2946	+0.010 / -0.000
0.281	0.0592	+0.002 / -0.000	1.875	2.6341	+0.010 / -0.000
0.313	0.0734	+0.002 / -0.000	2.000	2.9970	+0.010 / -0.000
0.344	0.0887	+0.002 / -0.000	2.125	3.3833	+0.094 / .000
0.375	0.1054	+0.002 / -0.000	2.250	3.7931	+0.094 / .000
0.437	0.1431	+0.002 / -0.000	2.375	4.2262	+0.094 / .000
0.500	0.1873	+0.002 / -0.000	2.500	4.6828	+0.110 / -0.000
0.563	0.2375	+0.002 / -0.000	2.750	5.6662	+0.110 / -0.000
0.625	0.2927	+0.002 / -0.000	3.000	6.7433	+0.126 / -0.000
0.687	0.3536	+0.005 / -0.000	3.250	7.9140	+0.142 / .000
0.750	0.4215	+0.005 / -0.000	3.375	8.5344	+0.142 / .000
0.813	0.4952	+0.005 / -0.000	3.500	9.1783	+0.142 / .000
0.875	0.5736	+0.005 / -0.000	3.750	10.5363	+0.157 / .000
1.000	0.7493	+0.005 / -0.000	4.000	11.9880	+0.157 / .000
1.125	0.9483	+0.005 / -0.000	4.500	15.1723	+0.197 / .000
1.250	1.1707	+0.005 / -0.000	5.000	18.7313	+0.197 / .000
1.375	1.4166	+0.005 / -0.000	6.000	26.9730	+0.236 / .000

fluteck™ PX900 Reprocessed PTFE Extruded Rod

DIA	Weight (lbs/ft)	Tolerance (in.)	DIA	Weight (lbs/ft)	Tolerance (in.)
0.375	0.105	+0.002 / -0.000	1.500	1.686	+0.010 / -0.000
0.437	0.143	+0.002 / -0.000	1.625	1.978	+0.010 / -0.000
0.500	0.187	+0.002 / -0.000	1.750	2.295	+0.010 / -0.000
0.563	0.237	+0.002 / -0.000	2.000	2.997	+0.010 / -0.000
0.625	0.293	+0.002 / -0.000	2.250	3.793	+0.094 / .000
0.687	0.354	+0.005 / -0.000	2.500	4.683	+0.110 / -0.000
0.750	0.421	+0.005 / -0.000	3.000	6.743	+0.126 / -0.000
0.813	0.495	+0.005 / -0.000	3.250	7.914	+0.142 / .000
0.875	0.574	+0.005 / -0.000	3.500	9.178	+0.142 / .000
0.937	0.658	+0.005 / -0.000	4.000	11.988	+0.157 / .000
1.000	0.749	+0.005 / -0.000	4.500	15.172	+0.197 / .000
1.125	0.948	+0.005 / -0.000	5.000	18.731	+0.197 / .000
1.250	1.171	+0.005 / -0.000	6.000	26.973	+0.236 / .000
1.375	1.417	+0.005 / -0.000			

fluteck™ P7500 GL 25% Glass-Filled PTFE Extruded Rod

DIA	Weight (lbs/ft)	Tolerance (in.)
0.250	0.0492	+0.002 / -.000
0.313	0.0771	+0.002 / -.000
0.344	0.0931	+0.002 / -.000
0.375	0.1106	+0.002 / -.000
0.390	0.1197	+0.002 / -.000
0.437	0.1502	+0.002 / -.000
0.500	0.1967	+0.002 / -.000
0.562	0.2485	+0.002 / -.000
0.625	0.3073	+0.002 / -.000
0.687	0.3713	+0.005 / -.000
0.750	0.4425	+0.005 / -.000
0.875	0.6023	+0.005 / -.000
1.000	0.7867	+0.005 / -.000
1.125	0.9957	+0.005 / -.000
1.250	1.2292	+0.005 / -.000
1.375	1.4874	+0.005 / -.000
1.500	1.7701	+0.010 / -.000
1.625	2.0774	+0.010 / -.000
1.750	2.4093	+0.010 / -.000
2.000	3.1469	+0.010 / -.000
2.250	3.9827	+0.094 / .000
2.500	4.9170	+0.110 / -.000
3.000	7.0804	+0.126 / -.000

fluteck™ P8500 GL 15% Glass-Filled PTFE Extruded Rod

DIA	Weight (lbs/ft)	Tolerance (in.)
0.313	0.077	+0.002 / -.000
0.375	0.111	+0.002 / -.000
0.437	0.150	+0.002 / -.000
0.500	0.197	+0.002 / -.000
0.562	0.248	+0.002 / -.000
0.625	0.307	+0.002 / -.000
0.687	0.371	+0.005 / -.000
0.750	0.443	+0.005 / -.000
0.875	0.602	+0.005 / -.000
1.000	0.787	+0.005 / -.000
1.125	0.996	+0.005 / -.000
1.250	1.229	+0.005 / -.000
1.375	1.487	+0.005 / -.000
1.500	1.770	+0.010 / -.000
1.750	2.409	+0.010 / -.000

fluteck™ P7500 CA 25% Carbon-Filled PTFE Extruded Rod

DIA	Weight (lbs/ft)	Tolerance (in.)
0.375	0.111	+0.002 / -0.000
0.437	0.150	+0.002 / -0.000
0.500	0.197	+0.002 / -0.000
0.625	0.307	+0.002 / -0.000
0.750	0.443	+0.005 / -0.000
1.000	0.787	+0.005 / -0.000
1.250	1.229	+0.005 / -0.000
1.500	1.770	+0.010 / -0.000
2.000	3.147	+0.010 / -0.000

fluteck™ P1000 Virgin PTFE Molded Rod

DIA	12" Length	39" Length	Weight (lbs/ft)	Tolerance (in.)
4.000	•		11.9880	+.197 / -.000
4.250	•		13.5333	+.197 / -.000
4.500	•		15.1723	+.197 / -.000
4.750	•		16.9050	+.197 / -.000
5.000	•		18.7313	+.197 / -.000
5.250	•		20.6512	+.197 / -.000
5.500	•		22.6648	+.197 / -.000
5.750	•		24.7721	+.236 / -.000
6.000	•		26.9730	+.236 / -.000
6.250	•		29.2676	+.236 / -.000
6.500	•		31.6558	+.236 / -.000
6.750	•		34.1377	+.236 / -.000
7.000	•	•	36.7133	+.236 / -.000
7.250	•		39.3825	+.236 / -.000
7.500	•		42.1453	+.236 / -.000
8.000	•	•	47.9520	+.236 / -.000
8.500	•		54.1333	+.236 / -.000
9.000	•		60.6893	+.236 / -.000
10.000	•		74.9250	+.236 / -.000
11.000	•		90.6593	+.236 / -.000
12.000	•		107.8920	+.236 / -.000

fluteck™ P7500 GL 25% Glass-Filled PTFE Molded Rod

DIA	Length	Weight (lbs/ft)	Tolerance (in.)
3.000	12"	7.0804	+0.126 / -0.000
3.250	12"	8.3097	+0.142 / -0.000
3.500	12"	9.6372	+0.142 / -0.000
4.000	12"	12.5874	+0.197 / -0.000
4.500	12"	15.9309	+0.197 / -0.000
5.000	12"	19.6678	+0.197 / -0.000
5.500	12"	23.7981	+0.197 / -0.000
6.000	12"	28.3217	+0.236 / -0.000
6.500	12"	33.2386	+0.236 / -0.000
7.000	12"	38.5489	+0.236 / -0.000
8.000	12"	50.3496	+0.236 / -0.000
10.000	12"	78.6713	+0.236 / -0.000

fluteck™ P1000 Virgin PTFE Sheet

Thickness	Weight (lb/sft)	Thickness Tolerance (in.)	24" x 24"	48" x 48"	39" x 78"	48" x 96"	59.50" x 59.50"
0.030	0.375	+0.002 / -.000		•		•	
0.040	0.500	+0.004 / -.000		•			
0.060	0.750	+0.008 / -.000		•		•	
0.080	1.000	+0.012 / -.000		•			
0.090	1.125	+0.012 / -.000		•			
0.125	1.500	+0.012 / -.000		•		•	•
0.156	1.875	+0.014 / -.000		•			
0.187	2.250	+0.039 / -.000		•			
0.197 (5 mm)	2.364	+0.039 / -.000			•		
0.236 (6 mm)	2.832	+0.047 / -.000			•		
0.250	3.000	+0.047 / -.000		•		•	•
0.313	3.750	+0.047 / -.000		•			
0.315 (8 mm)	3.780	+0.047 / -.000			•		
0.375	4.500	+0.059 / -.000		•			
0.394 (10 mm)	4.728	+15% / -.000			•		•
0.472 (12 mm)	5.664	+15% / -.000			•		•

fluteck™ P1000 Virgin PTFE Sheet (continued)

Thickness	Weight (lb/sft)	Thickness Tolerance (in.)	24" x 24"	48" x 48"	39" x 78"	48" x 96"	59.50" x 59.50"
0.500	6.000	+15% / -.000		•			
0.625	7.500	+15% / -.000		•			
0.750	9.000	+15% / -.000		•			
0.787 (20 mm)	9.444	+15% / -.000			•		•
0.875	10.500	+15% / -.000		•			
0.984 (25 mm)	11.808	+15% / -.000			•		•
1.000	12.000	+15% / -.000		•			
1.125	13.500	+15% / -.000		•			
1.181 (30 mm)	14.172	+15% / -.000			•		
1.250	15.000	+15% / -.000		•			
1.377 (35 mm)	16.524	+15% / -.000			•		
1.500	18.000	+15% / -.000		•			
1.574 (40 mm)	18.888	+15% / -.000			•		
1.750	21.000	+15% / -.000		•			
1.968 (50 mm)	23.616	+15% / -.000			•		
2.000	24.000	+15% / -.000		•			

fluteck™ P1000 Virgin PTFE Sheet (continued)

Thickness	Weight (lb/sft)	Thickness Tolerance (in.)	24" x 24"	48" x 48"	39" x 78"	48" x 96"	59.50" x 59.50"
2.250	27.000	+15% / -.000		•			
2.500	30.000	+15% / -.000		•			
3.000	36.000	+15% / -.000	•	•			
4.000	48.000	+15% / -.000	•				
5.500	66.000	+15% / -.000	•				
6.000	72.000	+15% / -.000	•				

fluteck™ P7500 GL 25% Glass-Filled PTFE Sheet

Thickness	Weight (lbs)	Tolerance (in.)	48" x 48"
0.030	6	+0.002 / -.000	●
0.060	12	+0.008 / -.000	●
0.080	16	+0.012 / -.000	●
0.090	18	+0.012 / -.000	●
0.125	24	+0.012 / -.000	●
0.187	36	+0.039 / -.000	●
0.200	39	+0.039 / -.000	●
0.250	48	+0.047 / -.000	●
0.375	72	+0.059 / -.000	●
0.500	96	+15% / -.000	●
0.625	120	+15% / -.000	●
0.750	144	+15% / -.000	●
0.875	168	+15% / -.000	●
1.000	192	+15% / -.000	●
1.250	240	+15% / -.000	●
1.500	288	+15% / -.000	●
1.750	336	+15% / -.000	●
2.000	384	+15% / -.000	●
2.250	432	+15% / -.000	●
2.500	480	+15% / -.000	●
3.000	576	+15% / -.000	●

fluteck™ P7500 CA 25% Carbon-Filled PTFE Sheet

Thickness	Weight (lbs)	Tolerance (in.)	48" x 48"
0.250	48	+0.047 / -.000	●
0.375	72	+0.059 / -.000	●
0.500	96	+15% / -.000	●
0.625	120	+15% / -.000	●

fluteck™ P7500 CA material is 23% carbon and 2% graphite.
fluteck™ is a trademark of Fluorseals, S.p.A. (www.fluorseals.com).

Extruded PTFE Board Stock

Thickness	Weight (lb/sft)	13" x 72"	13" x 120"	13" x 144"
0.313	3.750	•	•	•
0.375	4.500	•	•	•
0.500	6.000	•	•	•
0.625	7.500	•	•	•
0.750	9.000	•	•	•
1.000	12.000	•	•	•
1.250	15.000	•	•	•

Note: Usable width is 12". Boards typically must be trimmed along the length to relieve stress.

fluteck™ P1000 Virgin PTFE Extruded Tube

OD	ID	Weight (lbs/ft)		OD	ID	Weight (lbs/ft)	
0.250	0.125	0.0351	*	1.000	0.375	0.6439	
0.313	0.187	0.0472	*	1.000	0.500	0.5619	
0.375	0.250	0.0585	*	1.000	0.625	0.4566	
0.437	0.313	0.0697	*	1.000	0.750	0.3278	
0.500	0.250	0.1405		1.000	0.875	0.1756	*
0.500	0.375	0.0819	*	1.050	0.500	0.6387	
0.562	0.437	0.0936		1.050	0.625	0.5334	
0.625	0.250	0.2458		1.050	0.708	0.4505	
0.625	0.313	0.2193		1.050	0.813	0.3308	
0.625	0.375	0.1873		1.062	0.500	0.6577	
0.625	0.500	0.1054		1.125	0.750	0.5268	
0.687	0.437	0.2105		1.125	0.875	0.3746	
0.750	0.375	0.3161		1.187	0.750	0.6342	
0.750	0.500	0.2341		1.187	0.813	0.5604	
0.750	0.625	0.1288		1.187	0.875	0.4820	
0.787	0.472	0.2971		1.250	0.750	0.7493	
0.787	0.551	0.2366		1.250	1.000	0.4215	
0.843	0.590	0.2716		1.313	1.000	0.5424	
0.875	0.500	0.3863		1.375	0.687	1.0629	
0.875	0.562	0.3370		1.375	1.000	0.6673	
0.875	0.625	0.2810		1.375	1.125	0.4683	
0.937	0.500	0.4705		1.404	1.120	0.5371	
0.937	0.625	0.3651		1.437	1.000	0.7979	
0.937	0.708	0.2822		1.437	1.181	0.5022	

* This size may not be made from fluteck™ resin.
 fluteck™ is a trademark of Fluorseals, S.p.A. (www.fluorseals.com).

fluteck™ P1000 Virgin PTFE Extruded Tube

OD	ID	Weight (lbs/ft)	OD	ID	Weight (lbs/ft)
1.500	0.875	1.1122	2.362	1.770	1.8328
1.500	1.000	0.9366	2.362	2.000	1.1831
1.500	1.125	0.7375	2.400	2.000	1.3187
1.500	1.187	0.6301	2.500	1.750	2.3882
1.500	1.250	0.5151	2.500	2.000	1.6858
1.562	1.187	0.7724	2.559	2.165	1.3945
1.575	0.590	1.5978	2.755	2.165	2.1749
1.575	1.181	0.8136	2.755	2.362	1.5067
1.625	1.181	0.9335	3.000	2.000	3.7463
1.625	1.250	0.8078	3.000	2.500	2.0604
1.750	1.500	0.6088	3.000	2.560	1.8330
1.811	1.000	1.7081	3.346	2.755	2.7016
1.811	1.375	1.0408	3.346	2.953	1.8548
1.811	1.575	0.5987	3.500	3.000	2.4351
2.000	1.000	2.2478	3.740	3.346	2.0918
2.000	1.181	1.9520	3.740	3.150	3.0458
2.000	1.375	1.5804	3.937	3.543	2.2081
2.000	1.500	1.3112	4.000	3.000	5.2448
2.000	1.575	1.1384	4.000	3.500	2.8097
2.000	1.750	0.7024	4.134	3.740	2.3244
2.165	1.575	1.6533	5.000	4.000	6.7433
2.165	1.770	1.1646			

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