

PTFE ROD

Dia (mm)	Tolerance Standard (mm)	PTFE	PTFE + FiberGlass	PTFE + Graphite	PTFE + Carbon	PTFE + Bronze	PTFE + Aramid
3	+ 0.1 + 0.2	0.0156	0.0163	0.0157	0.0157	0.0247	0.0157
4		0.0276	0.0289	0.0279	0.0279	0.0440	0.0279
5		0.0432	0.0452	0.0436	0.0436	0.0687	0.0436
6	+ 0.1 + 0.3	0.0622	0.0650	0.0628	0.0628	0.0990	0.0628
8		0.1106	0.1156	0.1116	0.1116	0.1759	0.1116
10		0.1728	0.1806	0.1744	0.1744	0.2749	0.1744
12	+ 0.1 + 0.4	0.2488	0.2601	0.2511	0.2511	0.3958	0.2511
15		0.3888	0.4064	0.3923	0.3923	0.6185	0.3923
20		0.6911	0.7226	0.6974	0.6974	1.0996	0.6974
25	0.1 + 0.8	1.0799	1.1290	1.0897	1.0897	1.7181	1.0897
30		1.5551	1.6258	1.5692	1.5692	2.4740	1.5692
35		2.1166	2.2129	2.1359	2.1359	3.3674	2.1359
40		2.7646	2.8903	2.7897	2.7897	4.3982	2.7897
45		3.4989	3.6580	3.5308	3.5308	5.5665	3.5308
50	+ 0.1 + 1.0	4.3197	4.5160	4.3590	4.3590	6.8722	4.3590
55		5.2268	5.4644	5.2743	5.2743	8.3154	5.2743
60		6.2203	6.5031	6.2769	6.2769	9.8960	6.2769
65		7.3003	7.6321	7.3666	7.3666	11.6141	7.3666
70		8.4666	8.8514	8.5436	8.5436	13.4696	8.5436
80		11.0584	11.5611	11.1589	11.1589	17.5929	11.1589
90	+ 0.6 + 3.0	13.9958	14.6320	14.1230	14.1230	22.2660	14.1230
100		17.2787	18.0641	17.4358	17.4358	27.4889	17.4358
110		20.9073	21.8576	21.0973	21.0973	33.2616	21.0973
120		24.8814	26.0124	25.1076	25.1076	39.5840	25.1076
130		29.2011	30.5284	29.4665	29.4665	46.4563	29.4665
140		33.8663	35.4057	34.1742	34.1742	53.8783	34.1742
150	+ 1.0 + 4.0	38.8772	40.6443	39.2306	39.2306	61.8501	39.2306
160		44.2336	46.2442	44.6357	44.6357	70.3716	44.6357
180		55.9831	58.5278	56.4921	56.4921	89.0641	56.4921
200		69.1150	72.2566	69.7433	69.7433	109.9557	69.7433
220		83.6291	87.4304	84.3894	84.3894	133.0463	84.3894
250	+ 2 + 5	107.9922	112.9009	108.9739	108.9739	171.8057	108.9739
300		49.8335	49.8335	49.8335	49.8335	84.8229	49.8335
350		67.8289	67.8289	67.8289	67.8289	115.4534	67.8289
400		88.5928	88.5928	88.5928	88.5928	150.7963	88.5928
450	+ 2 + 6	37.3751	37.3751	37.3751	37.3751	63.6172	37.3751
500		46.1421	46.1421	46.1421	46.1421	78.5398	46.1421
550		55.8319	55.8319	55.8319	55.8319	95.0331	55.8319
600		66.4446	66.4446	66.4446	66.4446	113.0972	66.4446
700		90.4385	90.4385	90.4385	90.4385	153.9379	90.4385

800	+ 5 + 10	118.1238	118.1238	118.1238	118.1238	201.0618	118.1238
900		149.5004	149.5004	149.5004	149.5004	254.4688	149.5004
1000		184.5684	184.5684	184.5684	184.5684	314.1590	184.5684

Remark:

1. Tolerance is according to DIN Length: + 0~3 %, width: + 0~ 3%.
2. it is theoretical value for above spec, with the Length 1000mm.
3. Taking objective as standard, listed data are for reference only.
4. The products above have been strictly treated with tempering; the strain value has met the minimum.

300mm Length
100 mm Length

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