

# PTFE

## **fluteck**<sup>™</sup> P series



— SIZE LIST

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## 纯聚四氟乙烯(PTFE)挤压棒 公制尺寸

## Metric sizes

ø外径 (毫米)	外径公差 <sup>(1)</sup>	标准长度 (毫米)	长度公差 <sup>(1)</sup>
4	+0.60 -0.00 mm		
5	+0.60 -0.00 mm		
6	+0.60 -0.00 mm		
7	+0.60 -0.00 mm		
8	+0.60 -0.00 mm		
9	+0.60 -0.00 mm		
10	+6.0 -0.0 %		
11	+6.0 -0.0 %		
12	+6.0 -0.0 %		
13	+6.0 -0.0 %		
14	+6.0 -0.0 %		
15	+6.0 -0.0 %		
16	+6.0 -0.0 %		
17	+6.0 -0.0 %		
18	+6.0 -0.0 %		
19	+6.0 -0.0 %		
20	+6.0 -0.0 %		
22	+6.0 -0.0 %	1000 2000 3000	
25	+6.0 -0.0 %		
28	+6.0 -0.0 %		
30	+6.0 -0.0 %		+2.0% - 0.0%
32	+6.0 -0.0 %		
38	+6.0 -0.0 %		
40	+6.0 -0.0 %		
42	+6.0 -0.0 %		
45	+6.0 -0.0 %		
50	+6.0 -0.0 %		
55	+6.0 -0.0 %		
60	+6.0 -0.0 %		
65	+6.0 -0.0 %		
70	+6.0 -0.0 %		
75	+6.0 -0.0 %		
80	+6.0 -0.0 %		
85	+6.0 -0.0 %		
90	+6.0 -0.0 %		
100	+6.0 -0.0 %		
110	+6.0 -0.0 %	1000 2000	
120	+6.0 -0.0 %		
130	+6.0 -0.0 %		
140	+6.0 -0.0 %	1000	
150	+6.0 -0.0 %		
160	+6.0 -0.0 %		

<sup>1</sup> 根据ASTM D1710 标准和企业标准规范 \*精密研磨

## 纯聚四氟乙烯(PTFE)挤压棒 公制尺寸

### Imperial sizes

O.D. (inch)	O.D. $\square(1)$	Standard Length (inch)	Length $\square(1)$
*.187"	+0.002" - 0"	6 ft 12 ft	
*.250"	+0.002" - 0"		
*.312"	+0.002" - 0"		
*.375"	+0.002" - 0"		
*.415"	+0.002" - 0"		
*.437"	+0.002" - 0"		
*.447"	+0.002" - 0"		
*.465"	+0.002" - 0"		
*.485"	+0.002" - 0"		
*.500"	+0.002" - 0"		
*.562"	+0.002" - 0"		
*.625"	+0.002" - 0"		
*.750"	+0.002" - 0"		
*.758"	+0.002" - 0"		
*.773"	+0.002" - 0"		
*.812"	+0.002" - 0"		
*.825"	+0.002" - 0"		
*.875"	+0.002" - 0"		
*.880"	+0.002" - 0"		
*.898"	+0.002" - 0"		
*1.000"	+0.002" - 0"		
*1.010"	+0.005" - 0"		
*1.125"	+0.005" - 0"		
*1.250"	+0.005" - 0"		
*1.375"	+0.005" - 0"		
*1.500"	+0.005" - 0"		
*1.625"	+0.010" - 0"		
*1.750"	+0.010" - 0"		
*2.000"	+0.010" - 0"		
2.125"	+4% -0	6 ft	+2.0% - .0%
2.250"	+4% -0		
2.375"	+4% -0		
2.500"	+4% -0		
2.625"	+4% -0		
2.750"	+4% -0		
2.875"	+4% -0		
3.000"	+4% -0		
3.125"	+4% -0		
3.250"	+4% -0		
3.500"	+4% -0		
3.750"	+4% -0		
4.000"	+4% -0		
4.125"	+4% -0		

**Additionally** Precision ground rods available on request  
**Standard  $\square$**  Virgin PTFE, standard compounds  
**On request** Custom sizes and special compounds

(1) According to ISO 13000 standard and to corporate standard specifications  
 \*Precision ground

## 纯聚四氟乙烯(PTFE)挤压管 公制尺寸

### Metric sizes

外径 (毫米)		内径 (毫米)									公差 <sup>(1)</sup>	长度 (毫米)
10	4	5	-	-	-	-	-	-	-	-		
11	4	5	6	8	-	-	-	-	-	-		
12	5	6	7	8	-	-	-	-	-	-		
13	5	6	7	8	-	-	-	-	-	-		
14	5	6	8	9	-	-	-	-	-	-		
15	4	5	6	8	10	12	-	-	-	-		
16	5	6	8	10	12	-	-	-	-	-		
17	5	6	8	10	12	-	-	-	-	-		
18	8	10	11	12	13	14	-	-	-	-		
19	5	6	8	10	12	14	-	-	-	-		
20	6	8	10	12	14	15	-	-	-	-		
21	6	8	10	12	14	15	-	-	-	-		
22	7	13	14	15	16	-	-	-	-	-		
23	6	8	10	12	14	15	16	-	-	-		
24	10	12	15	17	-	-	-	-	-	-		
25	14	15	16	18	-	-	-	-	-	-		
26	8	10	12	14	15	16	18	-	-	-		
27	14	18	20	-	-	-	-	-	-	-		
28	10	12	15	17	18	20	22	-	-	-		
29	8	10	12	15	18	20	22	-	-	-		
30	17	21	24	25	-	-	-	-	-	-		
31	8	10	12	14	18	20	22	24	25	-		1000
32	10	12	15	18	20	22	24	25	28	-		2000
33	19	23	24	25	26	-	-	-	-	-		
34	24	26	28	30	-	-	-	-	-	-	外径 +6.0% - 0.0%	
35	10	12	15	18	20	22	25	28	30	-	内径 +6.0% - 0.0%	
38	20	22	25	28	30	32	34	-	-	-	长度 +2.0% - 0.0%	
40	10	12	15	18	20	25	28	30	32	-		
42	12	15	20	25	28	30	32	35	-	-		
45	10	12	15	18	20	25	28	30	35	38		
48	15	28	30	35	38	40	42	-	-	-		
50	15	20	25	28	30	32	35	38	40	42		
52	28	30	32	38	40	-	-	-	-	-		
55	20	25	28	30	32	35	40	45	-	-		
58	34	42	45	48	50	-	-	-	-	-		
60	20	25	30	35	40	45	50	-	-	-		
65	20	25	30	35	40	45	50	55	-	-		
70	20	25	30	35	40	45	50	55	60	-		
75	20	25	30	35	40	45	50	55	60	65		
80	40	45	50	55	60	65	70	-	-	-		
85	40	45	50	55	60	65	70	75	-	-		
90	45	50	60	65	70	75	80	-	-	-		
95	45	50	55	60	70	75	80	85	-	-		
100	50	60	65	70	75	75	80	85	90	-		
105	80	85	90	95	100	-	-	-	-	-		
110	80	85	90	95	100	105	-	-	-	-		
115	90	95	100	105	110	-	-	-	-	-		
120	90	95	100	105	110	115	-	-	-	-		
125	80	85	90	95	100	-	-	-	-	-		1000
130	100	105	110	115	120	-	-	-	-	-		
140	100	110	115	120	130	-	-	-	-	-		
150	125	140	-	-	-	-	-	-	-	-		

<sup>1</sup> 根据ISO 13000标准和企业标准规范

## 纯聚四氟乙烯(PTFE)挤压管 公制尺寸

### Imperial sizes

O.D. (inch)		I.D. (inch)					□□(1)	Length (inch)
*.373"	+0.002" - 0"	.249"	-	-	-	-	-0.02" + 0"	6 ft 12 ft
*.492"	+0.002" - 0"	.254"	-	-	-	-	-0.02" + 0"	
*.5615"	+0.002" - 0"	.4365"	.3135"	.2361"	-	-	-0.02" + 0"	
*.625"	+0.002" - 0"	.500"	.3735"	.250"	-	-	-0.02" + 0"	
*.687"	+0.002" - 0"	.438"	.423"	-	-	-	-0.02" + 0"	
*.750"	+0.002" - 0"	.645"	.625"	.5475"	.500"	-	-0.02" + 0"	
*.784"	+0.002" - 0"	.548"	-	-	-	-	-0.02" + 0"	
*.842"	+0.002" - 0"	.590"	-	-	-	-	-0.04" + 0"	
*.874"	+0.002" - 0"	.626"	.500"	.4725"	-	-	-0.04" + 0"	
*.9375"	+0.002" - 0"	.7075"	.625"	.500"	-	-	-0.04" + 0"	
*1.000"	+0.002" - 0"	.625"	.500"	.375"	-	-	-0.04" + 0"	
*1.050"	+0.005" - 0"	.8912"	.7075"	.625"	.500"	-	-0.04" + 0"	
*1.0625"	+0.005" - 0"	.4725"	.7085"	-	-	-	-0.04" + 0"	
*1.125"	+0.005" - 0"	.8662"	.750"	.7025"	.500"	-	-0.04" + 0"	
*1.187"	+0.005" - 0"	.866"	.7875"	.7625"	.70875"	-	-0.06" + 0"	
*1.250"	+0.005" - 0"	1.000"	.866"	.750"	.625"	.500"	-0.06" + 0"	
*1.3125"	+0.005" - 0"	1.050"	1.000"	.750"	-	-	-0.06" + 0"	
*1.375"	+0.005" - 0"	1.125"	1.100"	1.000"	.6875"	-	-0.06" + 0"	
*1.435"	+0.005" - 0"	1.180"	1.105"	1.000"	.866"	-	-0.06" + 0"	
*1.500"	+0.005" - 0"	1.375"	1.300"	1.105"	1.000"	.866"	-0.06" + 0"	
*1.562"	+0.010" - 0"	1.250"	1.1875"	-	-	-	-0.06" + 0"	
*1.575"	+0.010" - 0"	1.180"	-	-	-	-	-0.06" + 0"	
*1.625"	+0.010" - 0"	1.260"	-	-	-	-	-0.06" + 0"	
*1.750"	+0.010" - 0"	1.500"	1.4175"	1.250"	1.125"	1.000"	-0.06" + 0"	
*1.7715"	+0.010" - 0"	0.9845"	-	-	-	-	-0.06" + 0"	
*1.8115"	+0.010" - 0"	1.400"	-	-	-	-	-0.06" + 0"	
*1.875"	+0.010" - 0"	1.500"	1.250"	-	-	-	-0.06" + 0"	
*1.935"	+0.010" - 0"	1.575"	1.500"	1.40"	1.1875"	-	-0.06" + 0"	
*2.000"	+0.010" - 0"	1.750"	1.625"	1.50"	1.2500"	1.000"	-0.08" + 0"	
2.065"	+4% - 0	1.575"	-	-	-	-	-0.08" + 0"	
2.125"	+4% - 0	1.835"	-	-	-	-	-0.08" + 0"	
2.155"	+4% - 0	1.7725"	-	-	-	-	-0.08" + 0"	
2.250"	+4% - 0	1.8575"	1.750"	1.625"	1.500"	1.250"	-0.08" + 0"	
2.3625"	+4% - 0	2.000"	1.9685"	1.7715"	-	-	-0.08" + 0"	
2.375"	+4% - 0	2.1075"	1.935"	1.750"	1.500"	-	-0.08" + 0"	
2.500"	+4% - 0	2.235"	2.000"	1.875"	1.250"	-	-0.08" + 0"	
2.559"	+4% - 0	1.7715"	-	-	-	-	-0.08" + 0"	
2.750"	+4% - 0	2.365"	2.000"	-	-	-	-0.08" + 0"	
2.937"	+4% - 0	3.543"	-	-	-	-	-0.08" + 0"	
3.000"	+4% - 0	2.5985"	2.480"	2.365"	2.245"	2.000"	-0.08" + 0"	
3.250"	+4% - 0	2.6375"	2.245"	-	-	-	-0.08" + 0"	
3.3465"	+4% - 0	2.9525"	2.755"	-	-	-	-0.08" + 0"	
3.5435"	+4% - 0	2.9525"	-	-	-	-	-0.08" + 0"	
3.740"	+4% - 0	3.3465"	2.9525"	-	-	-	-0.08" + 0"	
4.000"	+4% - 0	3.500"	3.000"	2.000"	-	-	-4" + 0"	
5.000"	+4% - 0	4.000"	-	-	-	-	-4" + 0"	
5.2685"	+4% - 0	4.850"	-	-	-	-	-4" + 0"	
6.000"	+4% - 0	4.500"	-	-	-	-	-4" + 0"	

**Standard □□** Virgin PTFE, standard compounds  
**On request** Custom sizes and special compounds

(1) According to ISO 13000 standard and to corporate standard specifications  
 \*Precision ground

## 纯聚四氟乙烯(PTFE)模压棒 公制尺寸

### Metric sizes

ø直径 (毫米)	公差 <sup>(1)</sup>	长度 (毫米)	ø直径 (毫米)	公差 <sup>(1)</sup>	长度 (毫米)
30	+6.0% - 0.0%	150	245	+6.0% - 0.0%	100 150 200 250 300
35	+6.0% - 0.0%	150 200 250	250	+6.0% - 0.0%	
40	+6.0% - 0.0%		255	+6.0% - 0.0%	
45	+6.0% - 0.0%	100 150 200 250 300	260	+6.0% - 0.0%	
50	+6.0% - 0.0%		265	+6.0% - 0.0%	
55	+6.0% - 0.0%		270	+6.0% - 0.0%	
60	+6.0% - 0.0%		280	+6.0% - 0.0%	
65	+6.0% - 0.0%		285	+6.0% - 0.0%	
70	+6.0% - 0.0%		290	+6.0% - 0.0%	
75	+6.0% - 0.0%		300	+6.0% - 0.0%	
80	+6.0% - 0.0%		310	+6.0% - 0.0%	
85	+6.0% - 0.0%		315	+6.0% - 0.0%	
90	+6.0% - 0.0%		320	+6.0% - 0.0%	
95	+6.0% - 0.0%		330	+6.0% - 0.0%	
100	+6.0% - 0.0%		335	+6.0% - 0.0%	
105	+6.0% - 0.0%		340	+6.0% - 0.0%	
110	+6.0% - 0.0%		345	+6.0% - 0.0%	
115	+6.0% - 0.0%	350	+6.0% - 0.0%		
120	+6.0% - 0.0%	365	+6.0% - 0.0%	50 100 150 200	
125	+6.0% - 0.0%	100 150 200 250 300	380		
130	+6.0% - 0.0%		395		+6.0% - 0.0%
135	+6.0% - 0.0%		400		+6.0% - 0.0%
140	+6.0% - 0.0%		410		+6.0% - 0.0%
145	+6.0% - 0.0%		420		+6.0% - 0.0%
150	+6.0% - 0.0%		435		+6.0% - 0.0%
155	+6.0% - 0.0%		450		+6.0% - 0.0%
160	+6.0% - 0.0%		460		+6.0% - 0.0%
165	+6.0% - 0.0%		470		+6.0% - 0.0%
170	+6.0% - 0.0%		480	+6.0% - 0.0%	
175	+6.0% - 0.0%	500	+6.0% - 0.0%	50 80 100	
180	+6.0% - 0.0%	525	+6.0% - 0.0%		
185	+6.0% - 0.0%	540	+6.0% - 0.0%		
190	+6.0% - 0.0%	560	+6.0% - 0.0%		
195	+6.0% - 0.0%	685	+6.0% - 0.0%		
200	+6.0% - 0.0%	600	+6.0% - 0.0%		
205	+6.0% - 0.0%	620	+6.0% - 0.0%		
210	+6.0% - 0.0%	635	+6.0% - 0.0%		
215	+6.0% - 0.0%	650	+6.0% - 0.0%		
220	+6.0% - 0.0%	690	+6.0% - 0.0%		
225	+6.0% - 0.0%	700	+6.0% - 0.0%		
230	+6.0% - 0.0%	720	+6.0% - 0.0%		
235	+6.0% - 0.0%	750	+6.0% - 0.0%		
240	+6.0% - 0.0%	770	+6.0% - 0.0%		

<sup>1</sup> 根据ISO 13000标准和企业标准规范

## 纯聚四氟乙烯(PTFE)模压棒 公制尺寸

Imperial sizes

ø (inch)	公差 <sup>(1)</sup>	Length (inch)	ø (inch)	公差 <sup>(1)</sup>	Length (inch)	
1.181"	+4% - 0	6"	9.000"	+4% - 0	4" 6" 8" 10" 12"	
1.250"	+4% - 0	6" 8" 10"	9.250"	+4% - 0		
1.373"	+4% - 0		9.500"	+4% - 0		
1.625"	+4% - 0		9.750"	+4% - 0		
1.750"	+4% - 0	4" 6" 8" 10" 12"	10.000"	+4% - 0		
1.870"	+4% - 0		10.250"	+4% - 0		
2.000"	+4% - 0		10.500"	+4% - 0		
2.125"	+4% - 0		10.750"	+4% - 0		
2.250"	+4% - 0		11.000"	+4% - 0		
2.375"	+4% - 0		11.250"	+4% - 0		
2.500"	+4% - 0		11.500"	+4% - 0		
2.625"	+4% - 0		11.750"	+4% - 0		
2.750"	+4% - 0		12.000"	+4% - 0		
2.875"	+4% - 0		12.250"	+4% - 0		
3.000"	+4% - 0		12.500"	+4% - 0		
3.125"	+4% - 0		13.000"	+4% - 0		
3.250"	+4% - 0		13.500"	+4% - 0		
3.500"	+4% - 0		14.000"	+4% - 0		
3.750"	+4% - 0		14.500"	+4% - 0		
4.000"	+4% - 0		15.000"	+4% - 0	2" 4" 6" 8"	
4.125"	+4% - 0		4" 6" 8" 10" 12"	15.500"		+4% - 0
4.250"	+4% - 0			16.000"		+4% - 0
4.500"	+4% - 0	16.500"		+4% - 0		
4.625"	+4% - 0	17.000"		+4% - 0		
4.725"	+4% - 0	17.750"		+4% - 0		
5.000"	+4% - 0	18.000"		+4% - 0		
5.250"	+4% - 0	18.875"	+4% - 0			
5.500"	+4% - 0	19.625"	+4% - 0			
5.750"	+4% - 0	20.500"	+4% - 0			
6.000"	+4% - 0	20.625"	+4% - 0			
6.250"	+4% - 0	21.250"	+4% - 0			
6.500"	+4% - 0	22.000"	+4% - 0			
6.750"	+4% - 0	23.000"	+4% - 0			
7.000"	+4% - 0	23.625"	+4% - 0			
7.250"	+4% - 0	25.625"	+4% - 0			
7.500"	+4% - 0	27.125"	+4% - 0			
7.750"	+4% - 0	27.500"	+4% - 0	2" 3" 4"		
8.000"	+4% - 0	28.000"	+4% - 0			
8.250"	+4% - 0	28.375"	+4% - 0			
8.500"	+4% - 0	29.500"	+4% - 0			
8.750"	+4% - 0	30.250"	+4% - 0			

**Standard** □□ Virgin PTFE, standard compounds  
**On request** Custom sizes and special compounds

(1) According to corporate standard specifications



## 纯聚四氟乙烯(PTFE)模压管 公制尺寸

Metric sizes

外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)			
35	15	75	15	87.5	40	100	25	110	55	125	40	135	100			
	20		20		50		27.5		57.5		42.5		105			
40	15		25		60		30		60		45		110			
	20		27.5		70		35		65		50		115			
	25		30	15	40	70	52.5		120							
45	15		35	20	20	45	55		20		75		55	60	55	20
	20		40	25	25	47.5	50		60		80	60	65	35		
	25		45	27.5	27.5	50	55		65		82.5	65	70	40		
	27.5		47.5	30	30	55	57.5		70		85	70	75	45		
	30		50	32.5	32.5	60	65		75		90	75	80	50		
50	15	50	35	35	40	40	65	20	95	80	55	60				
	20	55	40	40	42.5	45	70	25	85	85	65					
	25	60	45	45	45	47.5	75	27.5	90	90	70					
	27.5	65	50	50	50	50	80	30	95	95	75					
	30	70	55	55	55	55	85	35	100	100	80					
	35	75	60	60	60	60	90	40	105	105	85					
55	15	80	15	90	52.5	105	15	115	40	130	110	140	90			
	20	20	20		55		20		115		95					
	25	25	25		57.5		25		120		100					
	27.5	27.5	27.5		60		27.5		125		105					
	30	30	30		62.5		30		130		110					
	32.5	32.5	32.5		65		35		135		115					
	35	35	35		67.5		40		140		120					
	40	40	40		70		45		145		125					
60	15	82.5	40	95	72.5	107.5	50	120	70	135	125	145	125			
	20	45	45		75		55		75		65		130	65	140	40
	25	50	50		77.5		60		80		70		135	70	145	45
	27.5	52.5	52.5		80		65		85		75		140	75	150	50
	30	55	55		82.5		70		90		80		145	80	155	55
	32.5	57.5	57.5		85		75		95		85		150	85	160	60
	35	60	60		87.5		80		100		90		155	90	165	65
	40	65	65		90		85		105		95		160	95	170	70
	42.5	67.5	67.5		92.5		90		110		100		165	100	175	75
	45	70	70		95		95		115		105		170	105	180	80
65	15	85	50	97.5	50	110	90	125	20	140	145	150	85			
	20	55	55		52.5		32.5		40		110		90			
	25	60	60		55		35		45		115		95			
	27.5	65	65		60		40		50		120		100			
	30	70	70		65		45		55		125		105			
	35	75	75		70		50		60		130		110			
	40	80	80		75		55		65		135		115			
	42.5	82.5	82.5		80		60		70		140		120			
	45	85	85		82.5		65		75		145		125			
	47.5	87.5	87.5		85		70		80		150		130			
50	90	90	90	75	85	155	135									
70	15	90	42.5	100	50	115	80	130	90	145	150	155	90			
	20	45	45		52.5		85		95		155		95			
	25	47.5	47.5		55		90		100		160		100			
	27.5	50	50		60		95		105		165		105			
	30	52.5	52.5		65		100		110		170		110			
	35	55	55		70		105		115		175		115			
	40	57.5	57.5		75		110		120		180		120			
	45	60	60		80		115		125		185		125			
	47.5	62.5	62.5		85		120		130		190		130			
	50	65	65		90		125		135		195		135			
55	70	70	95	130	140	200	140									

纯聚四氟乙烯(PTFE)模压管 公制尺寸

外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)
150	90	165	60	175	155	190	110	200	180	215	160	230	125
	95		70		160		115		185		165		
	100		75	30	120		80	170	140				
	105		80	40	125		85	175	145				
	110		85	50	130		100	180	150				
	115		90	60	135		105	185	155				
	120		95	70	140		110	190	160				
	125		100	80	145		115	195	165				
	130		105	85	150		120	200	170				
	135		110	90	155		125	205	175				
155	25	170	115	180	95	195	65	205	130	220	70	235	180
	40		120		100		165		135		80		185
	50		125		105		170		140		90		190
	55		130		110		175		145		100		195
	60		135		115		180		150		110		200
	65		140		120		185		155		115		205
	70		145	125	190		160	120	210				
	75		150	130	195		165	125	215				
	80		40	135	100		145	130	135		220		
	85		50	140	105		150	135	140		225		
	90		60	145	110		155	140	145		230		
	95		70	150	115		160	145	150		235		
	100		80	155	120		165	150	155		240		
	105		90	160	125		170	155	160		245		
	110		95	165	130		175	160	165		250		
	115		100	170	135		180	165	170		255		
	120		105	175	140		185	170	175		260		
	125		110	180	145		190	175	180		265		
130	115	185	150	195	180	185	270						
135	120	190	155	200	185	190	275						
140	125	195	160	205	190	195	280						
160	40	175	130	185	90	200	180	210	135	225	205	240	190
	50		135		100		140		140		110		195
	55		140		105		145		145		120		200
	60		145		110		150		150		125		205
	65		150		115		155		155		130		210
	70		155		120		160		160		135		215
	75		55	125	165		165	140	220				
	80		60	130	170		170	145	225				
	85		65	135	175		175	150	230				
	90		70	140	180		180	155	235				
	95		75	145	185		185	160	240				
	100		80	150	190		190	165	245				
	105		85	155	195		195	170	250				
	110		90	160	200		200	175	255				
	115		95	165	205		205	180	260				
	120		100	170	210		210	185	265				
	125		105	175	215		215	190	270				
	130		110	180	220		220	195	275				
135	115	185	225	225	200	280							
140	120	190	230	230	205	285							
145	125	195	235	235	210	290							
165	35	175	140	190	90	200	165	215	145	230	100	240	200
	40		145		100		170		150		110		205
	45		150		105		175		155		115		210
	50		155		110		180		160		120		215
	55		160		115		185		165		125		220
	60		165		120		190		170		130		225

纯聚四氟乙烯(PTFE)模压管 公制尺寸

外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)
240	215	255	205	270	160	280	255	300	185	310	255	330	260
	220		210		170		260		190		260		275
	222.5		215		175		265		195		265		280
	225		220		185		270		200		270		285
245	150	255	222.5	270	190	285	145	300	205	315	275	332.5	290
	155		225		195		165		210		280		295
	165		230		200		185		215		285		300
	170		235		205		190		220		290		305
	175		240		210		210		222.5		295		310
	180		110		215		215		225		200		315
	185	135	220	220	230	222.5	222.5	222.5					
	190	140	222.5	222.5	235	230	230	235					
	195	145	225	225	240	235	240	245					
	200	150	230	230	245	245	245	250					
	205	155	235	235	250	250	250	255					
	210	160	240	240	255	255	255	260					
	215	165	245	245	260	260	260	260	270				
	220	170	250	250	265	265	265	270	275				
222.5	175	255	255	270	270	270	275	280					
225	180	260	260	275	275	275	285	285					
230	185	265	265	280	280	280	290	290					
250	100	260	190	275	170	290	160	305	350	320	297.5	337.5	300
	110		195		175		195		185		300		305
	120		200		180		200		190		190		310
	130		205		200		210		205		195		315
	140		210		205		215		210		205		245
	145		215		210		220		215		215		260
	150		220		215		222.5		220		225		270
	155		222.5		220		225		222.5		222.5		275
	160		225		222.5		230		230		230		290
	165		230		225		235		235		240		300
	170	235	230	240	240	245	305						
	175	240	235	245	245	250	310						
	180	245	240	250	250	255	320						
	185	140	245	255	260	260	190						
	190	145	250	260	265	265	210						
	195	170	255	265	270	270	220						
	200	175	260	270	275	275	240						
	205	180	265	275	280	280	245						
	210	185	270	280	285	285	250						
	215	200	275	285	290	290	255						
220	205	280	290	295	295	260							
222.5	210	285	295	300	300	265							
225	215	290	300	305	305	270							
230	220	295	305	310	310	275							
235	222.5	300	310	315	315	280							
255	150	270	225	280	210	295	250	310	205	325	280	340	285
	155		230		215		255		210		285		290
	170		235		220		260		215		290		295
	175		240		222.5		270		222.5		295		300
	180		245		230		275		225		297.5		305
	185		250		235		280		235		300		310
	190		130		240		285		240		305		315
	195		150		245		290		245		310		320
200	155	250	295	250	315	325							

纯聚四氟乙烯(PTFE)模压管 公制尺寸

外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)
345	195	360	330	380	350	410	320	440	355	465	420	490	430
	215		332.5		355		325		365		425		435
	220		335		360		330		375		430		445
	235		340		365		340		380		435		455
	240		345		260		345		390		440		460
	250	250	275	275	355	395	445	465					
	255	255	280	280	360	400	450	470					
	260	275	290	290	365	405	355	472.5					
	265	290	295	295	370	410	365	385					
	270	300	300	300	375	417.5	385	400					
	280	310	310	310	380	420	390	410					
	285	320	320	320	385	425	395	420					
	290	325	325	325	390	300	400	435					
	295	330	330	330	395	320	410	440					
	300	340	335	335	330	340	420	445					
	305	342.5	340	340	340	350	435	450					
	310	345	345	345	350	355	445	455					
	315	350	350	350	375	365	455	460					
	320	245	355	355	380	380	340	465					
	325	255	360	360	385	390	355	470					
330	260	365	365	390	395	360	475						
350	200	275	372.5	395	400	395	400	400	365	365	477.5	480	
	210	280	255	400	405	405	405	405	390	390	480	480	
	230	290	290	330	410	410	410	410	395	395	482.5	485	
	235	295	300	340	415	415	415	415	410	410	485	485	
	245	300	310	355	420	420	420	420	420	420	420	420	
	250	310	325	365	425	425	425	425	425	425	435	435	
	255	320	330	375	427.5	427.5	427.5	427.5	430	430	455	455	
	260	325	335	390	430	430	430	430	435	435	470	470	
	265	330	340	400	440	440	440	440	440	440	485	485	
	270	335	350	405	445	445	445	445	445	445	495	495	
	275	340	355	310	405	310	310	310	355	355	450	390	
	280	345	360	325	410	325	325	325	365	365	455	410	
	290	347.5	365	340	415	340	340	340	375	375	460	435	
	295	352.5	370	355	420	355	355	355	385	385	465	445	
	300	355	375	365	425	365	365	365	390	390	465	445	
	305	230	380	380	375	425	375	375	395	395	360	460	
	310	250	295	295	390	460	390	390	400	400	365	515	465
	315	255	300	300	397.5	397.5	397.5	397.5	410	410	385	470	470
	320	260	315	315	400	400	400	400	415	415	390	475	475
	325	265	320	320	405	405	405	405	420	420	405	480	480
330	275	325	325	410	410	410	410	425	425	410	485	485	
335	280	330	330	415	415	415	415	430	430	420	495	495	
360	220	290	335	355	435	435	435	435	435	435	430	527.5	435
	260	295	340	365	440	440	440	440	440	440	455	455	455
	275	300	345	375	445	445	445	445	445	445	460	470	470
	280	305	355	390	437.5	390	390	390	340	340	465	485	485
	290	310	360	400	400	400	400	400	355	355	470	495	495
	295	315	365	405	405	405	405	405	365	365	360	500	500
	300	320	370	410	410	410	410	410	385	385	385	505	505
	305	325	375	420	420	420	420	420	390	390	400	515.5	515.5
	310	330	390	390	390	390	390	390	395	395	410	390	390
	315	335	270	320	440	320	320	320	400	400	415	410	410
320	340	295	340	440	340	340	340	410	410	420	415	415	
325	345	300	300	345	345	345	345	415	415	425	435	435	

纯聚四氟乙烯(PTFE)模压管 公制尺寸

外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)
530	455	570	455	610	560	655	505	700	695	760	677.5	860	715
	460		460		570		505		677.5		715		
	470		470		575		570		677.5		730		
	475		475		580		580		677.5		620		
	480		495		582.5		585		677.5		655		
	485		505		585		590		677.5		665		
	490		515		590		595		677.5		670		
	495		520		490		600		677.5		675		
	500		530		505		605		677.5		680		
	505		535		515		615		677.5		655		
	510		540		520		620		677.5		690		
	515		545		540		630		677.5		710		
	550		550		550		635		677.5		715		
540	390	580	495	620	560	670	540	715	707.5	770	707.5	880	730
	410		515		570		550		707.5		730		
	420		520		580		580		707.5		740		
	425		540		585		585		707.5		742.5		
	435		550		590		600		707.5		745		
	455		560		595		605		707.5		750		
	470		565		605		620		707.5		650		
	485		485		570		630		707.5		670		
	495		495		585		635		707.5		680		
	505		505		595		640		707.5		690		
	510		515		605		650		707.5		700		
	515		520		637.5		655		707.5		710		
	520		530		550		660		707.5		715		
545	435	590	530	627.5	560	680	600	720	720	790	670	895	730
	455		540		570		605		720		735		
	470		550		580		615		720		740		
	485		560		585		620		720		750		
	495		565		585		630		720		760		
	505		570		590		635		720		765		
	510		454		595		640		720		770		
	515		470		600		640		720		775		
	520		475		605		650		720		785		
	522.5		485		530		655		720		700		
	525		505		560		660		720		710		
	435		515		580		660		720		710		
	455		520		585		660		720		760		
470	540	590	660	720	765								
55	485	600	550	640	595	682.5	690	740	690	815	655	910	770
	495		560		600		620		655		770		
	515		565		605		635		680		775		
	520		570		610		640		685		780		
	435		585		615		650		690		785		
	455		585		615		655		690		795		
	470		460		620		660		700		800		
	495		470		620		670		710		800		
	500		480		585		680		715		815		
	505		485		590		685		720		815		
	515		495		595		690		725		820		
	520		495		600		695		725		820		
	535		505		605		700		725		820		
540	515	610	705	725	820								
560	455	610	585	650	615	695	620	750	742.5	840	655	925	720
	470		460		620		650		742.5		735		
	495		470		585		655		742.5		740		
	500		480		590		660		742.5		745		
	505		485		595		665		742.5		750		
	515		495		600		670		742.5		755		
	520		505		605		675		742.5		760		
	535		515		610		680		742.5		765		
	540		520		615		685		742.5		770		
	542.5		530		620		690		742.5		775		
	545		540		625		695		742.5		780		
	455		550		630		700		742.5		785		
	470		550		630		705		742.5		790		
495	550	630	710	742.5	795								
570	445	570	550	610	560	655	505	700	695	760	677.5	860	715
	460		460		570		505		677.5		730		
	470		470		575		570		677.5		620		
	475		475		580		580		677.5		655		
	480		495		582.5		585		677.5		665		
	485		505		585		590		677.5		670		
	490		515		590		600		677.5		675		
	495		520		490		605		677.5		680		
	500		530		505		615		677.5		655		
	505		535		515		620		677.5		690		
	510		540		520		630		677.5		710		
	515		545		540		635		677.5		715		
	550		550		550		635		677.5		715		

纯聚四氟乙烯(PTFE)模压管 公制尺寸

外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)	外径 (毫米)	内径 (毫米)
945	830	1000	880	1050	1020	1170	1120	1320	1215	1450	1300	1760	1710
	880		920	1070	1015		1145		1235		1380		1810
	900		930		1020	1200	1020		1290		1400	1710	
	915		940	1035	1060		1330	1290	1520	1420	1760		
	920		945	1035	1145			1295		1470	1710		
	930		950	1060	1150		1340	1145	1570	1420	1850	1710	
950	880	1025	955	1120	830	1165		1290		1470		1800	
	890		970		880	1180		1310		1520	1760		
	900		910		900	1215	1060	1320	1620	1470	1910	1800	
	910		985		955		1145	1200		1520		1850	
	925		920		1020		1165	1235	1570	1800			
965	880	1050	925	1120	1040	1390	1200	1670	1300	1710	1520	1950	1850
	885		940		1055		1240		1185		1310		1570
	900		945		1060				1215		1330	1610	1850
	925		970	1075	1255	1095	1355	1710	1570	2010	1900		
	940		985	1080		1165	1370		1610		1950		
	945		990	1095	1215	1440	1390	1760	1660				
	950		1000	1095	1235		1410		1610				
1000	860		1005	1150	1095	1295	1265	1420	1760	1660			

外径超过 570 毫米，管长:50 毫米，80 毫米，100 毫米- 可根据要求提供特殊长度. 对于外径超过3000 毫米 的管材，请联系我们.  
公差根据ISO 13000标准:外径: + 6.0%-0.0%。 内径:-6.0%+ 0.0%。 长度:+ 2.0% - 0.0%

## 纯聚四氟乙烯(PTFE)片材 公制尺寸

## Metric sizes

	厚度 (毫米)	厚度公差 <sup>1</sup> (毫米)	宽度/长度公差 <sup>1</sup>	标准尺寸 (毫米)	附加尺寸 (毫米)
切削	0.5	+10% - 0.0	+3.0% - 0.0%	600x600 1000x1000 1200x1200 1500x1500	根据要求
	1	+10% - 0.0			
	1.5	+10% - 0.0			
	2	+10% - 0.0			
	2.5	+10% - 0.0			
	3	+10% - 0.0			
	4.5	+10% - 0.0			
	5	+10% - 0.0			
挤出	4	+0.75% - 0.0	+3.0% - 0.0%	600x600 1000x1000 1200x1200 1220x1220	1550x1500 2000x2000
	4.5	+0.75% - 0.0			
	5	+15% - 0.0			
	6	+15% - 0.0			
	8	+15% - 0.0			
	10	+15% - 0.0			
	12	+15% - 0.0			
	15	+15% - 0.0			
	20	+15% - 0.0			
	25	+15% - 0.0			
	30	+15% - 0.0			
	35	+15% - 0.0			
	40	+15% - 0.0			
	45	+15% - 0.0			
	50	+15% - 0.0			
	60	+15% - 0.0			
	70	+15% - 0.0			
	80	+15% - 0.0			
	90	+15% - 0.0			
	100	+15% - 0.0			
110	+15% - 0.0				
120	+15% - 0.0				
130	+15% - 0.0				
140	+15% - 0.0				
150	+15% - 0.0				
				600x600 1220x1220	不提供
				600x600	

另外 单面或双面表面处理, 打磨

标准材料 纯PTFE, 标准化合物

根据要求 改性PTFE, 特殊化合物

<sup>1</sup> 根据ASTM D3294标准和企业标准规范

## 纯聚四氟乙烯(PTFE)片材 公制尺寸

Imperial sizes

	Thickness (inch)	Thickness □□(1) (inch)	Width / Length □□(1)	Standard Sizes (inch)	Additional Sizes (inch)
Skived	.031"	+ .0015" - .0015"	+3.0% - 0.0%	24" x 24" 36" x 36" 48" x 48" 60" x 60"	on request
	.062"	+ .005" - .005"			
	.093"	+ .005" - .005"			
	.125"	+ .005" - .005"			
	.187"	+ .010" - .010"			
	.250"	+ .010" - .010"			
	.187"	+ .022" - 0.11"			
	.250"	+ .030" - .015"			
	.375"	+ .038" - .019"			
Molded	.500"	+ .046" - .022"	+3.0% - 0.0%	24" x 24" 36" x 36" 48" x 48"	60" x 60"
	.625"	+ .054" - .027"			
	.750"	+ .070 - .035"			
	.875"	+ .080" - .040"			
	1.000"	+ .087" - .043"			
	1.250"	+ .102" - .051"			
	1.500"	+ .118" - .059"			
	1.625"	+ .125" - .062"			
	1.750"	+ .134" - .067"			
	1.875"	+ .142" - .070"			
	2.000"	+ .150" - .075"			
	2.250"	+10.0% - 10.0%			
	2.750"	+10.0% - 10.0%			
	3.000"	+10.0% - 10.0%			
	3.250"	+10.0% - 10.0%			
	3.500"	+10.0% - 10.0%			
	3.750"	+10.0% - 10.0%			
4.000"	+10.0% - 10.0%				
6.000"	+10.0% - 10.0%	24" x 24" 48" x 48"	not available		

□□ □□□□□□□□□□  
 □□□□ □PTFE□□□□□□  
 □□□□ □□PTFE□□□□□□

(1) According to ASTM D3308 standard and to corporate standard specifications



## 纯聚四氟乙烯(PTFE)薄膜和薄片 公制尺寸

### Metric sizes

厚度 (毫米)	厚度公差 <sup>1</sup> (毫米)	材料	宽度 (毫米)
0.025	+0.01 - 0	纯PTFE 改性PTFE	600 1200
0.05			
0.10	厚度 +10% - 0.00  宽度 +3.0% - 0.0%  长度 +2.0% - 0.0%	纯PTFE 改性PTFE 标准化合物	600 1000 1200 1500
0.15			
0.20			
0.25			
0.30			
0.35			
0.40			
0.50			
0.60			
0.80			
1			
1.5			
2			
2.5			
3			
4			
5			
6			

**Additionally** 材料 available on request: modified PTFE, special compounds  
1 or 2 sides etched

<sup>1</sup> According to ISO 13000 standard and to corporate standard specifications

## 高品质(PTFE)薄膜 公制尺寸

	厚度 (毫米)	公差 <sup>(2)</sup>	标准宽度 <sup>(1)</sup> (毫米)
薄膜	从 0.025 到 0.5	厚度: +10% - 0% 宽度/长度: +3.0% - 0.0%	600 1200 1500

**另外应用材料** 表面处理  
印刷线路板, 电线电缆, 液晶显示器, 离型膜  
fluteck™ P1500, fluteck™ P1550, fluteck™ P 9800CS, fluteck™ P 9850CS

<sup>1</sup> 附加尺寸可根据要求提供

<sup>2</sup> 公制尺寸: 根据ISO 13000标准和企业标准规范

## 纯聚四氟乙烯(PTFE)薄膜和薄片 公制尺寸

### Imperial sizes

Thickness (inch)	Thickness □□(1) (inch)	□□	Standard sizes (inch)	□□(1)
.001"	+ .0003" - 0"	Virgin PTFE Modified PTFE	24" 36" 48"	Width +3% - 0%  Length +3% - 0%
.002"				
.003"				
.004"	+ 10% - 0%	Virgin PTFE Modified PTFE Standard compounds	24" 36" 48" 60"	
.005"				
.008"				
.010"				
.015"				
.020"				
.031"				
.062"				
.093"				
.125"				
.187"				
.250"				

**Additionally** 1 or 2 sides etched 材料 available on request: modified PTFE, special compounds

(1) According to ASTM D3308 standard and to corporate standard specification

## 高品质(PTFE)薄膜 公制尺寸

### Imperial sizes

	Thickness (inch)	Tolerance <sup>(2)</sup>	Standard Width <sup>(1)</sup> (inch)
Skived films	从 .001" to .02"	: +5% - 5% / : +3.0% - .0%	24" 36" 48" 60"

**Additionally** Etching treatment  
**Application** PCB, wire and cables, LCD, release films  
 □□ fluteck™ P1500, fluteck™ P1550, fluteck™ P 9800CS, fluteck™ P 9850CS

(1) Additional sizes available on request

(2) According to ASTM D3308 standard and to corporate specification

## 用于罐衬和化学应用的聚四氟乙烯(PTFE)片材 公制尺寸

### Metric sizes

	厚度 (毫米)	公差 <sup>(2)</sup>	标准尺寸 <sup>(1)</sup> (毫米)
切削板	从 1.00 到 5.00	厚度: +10% - 0.0% 宽度/长度: +3.0% - 0.0%	600x600 1200x1200 1500x1500
切削薄片	从 1.00 到 5.00	厚度: +10% - 0.0% 宽度/长度: +3.0% - 0.0%	宽度 600 900 1200 1500

### Imperial sizes

	Thickness (inch)	Tolerance <sup>(3)</sup>	Standard Width <sup>(1)</sup> (inch)
Skived sheets	从 .031" 到 .187"	: +10% - 0.0% / : +3.0% - 0.0%	24"x24" 36"x36" 48"x48" 60"x60"
Skived tapes	从 .031" 到 .187"	: +10% - 0.0% / : +3.0% - 0.0%	Width 24" 36" 48" 60"

**Additionally**

Etching treatment, roll length on request

**Application**

Seals, flanges for tank lining; gaskets, piping components

□□

fluteck™ P1500, fluteck™ P1550, fluteck™ P8001 CF

(1) Additional sizes available on request

(2) Metric sizes: according to ISO 13000 standard and to corporate standard specification. On request ±5%

(3) Imperial sizes: according to ASTM D3308 standard and internal to corporate specification

## 膨体纯聚四氟乙烯(PTFE)板材 公制尺寸

### Metric sizes

厚度 (毫米)	公差 <sup>(1)</sup>	标准尺寸 (毫米)
0.5 1.0 1.5 2.0 3.0 4.0 5.0 6.0	厚度: +10% - 0.0% 宽度/长度: +3.0% - 0.0%	1500x1500

### Imperial sizes

Thickness (inch)	Tolerance <sup>(2)</sup>	Standard Sizes (inch)
.031" .062" .093" .125" .187" .250"	厚度: +10% - 0.0% 宽度/长度: +3.0% - 0.0%	60"x60"

**Additionally** Other formats available on request  
 □□ fluteck™ P EX100  
**Notes** Bi-axial orientation

(1) According to ISO 13000 standard and to corporate standard specification  
 (2) According to ASTM D3294 standard and to corporate standard specification

## 纯聚四氟乙烯(PTFE)导向耐磨带 公制尺寸

### Metric sizes

	厚度 (毫米)	公差 <sup>(2)</sup>	标准尺寸 (毫米)
Guide strips	从 1.00 to 4.76	厚度: +10% - 0% 宽度/长度: +3.0% - 0.0%	从 3.0 to 40.0

### Imperial sizes

	Thickness (inch)	Tolerance <sup>(2)</sup>	Standard Width (inch)
Guide strips	从 1/32 " to 3/16"	厚度: +10% - 0% 宽度/长度: +3.0% - 0.0%	从 1/8 " to 1 1/2"

**另外材料** 2边或4边倒角, 单面或双面压花, 表面处理  
 fluteck™ P1500, fluteck™ P1550, fluteck™ P GL 系列, fluteck™ P BZ/BM 系列, fluteck™ P CG 系列

1 根据ISO 13000标准和企业标准规范

纯聚四氟乙烯(PTFE) 酒窝板材和圆片 公制尺寸

Metric sizes

	厚度(2) (毫米)	公差 (1) (毫米)	标准尺寸(3) (毫米)
酒窝板材	4.5 5.0 6.0	厚度: +0.3 - 0.0 宽度/长度: +50 - 0.0	600x600 800x800 1000x1000 1200x1200
酒窝圆片	4.5 5.0 6.0	厚度: +0.3 - 0.0 宽度/长度: +50 - 0.0	∅ 135 ∅ 208 ∅ 270 ∅ 310 ∅ 355 ∅ 410 ∅ 470 ∅ 495 ∅ 510 ∅ 550 ∅ 570 ∅ 620 ∅ 660 ∅ 760 ∅ 770 ∅ 780 ∅ 800 ∅ 880 ∅ 980 ∅ 1.040

Imperial sizes

	Thickness <sup>(2)</sup> (inch)	∅(1) (inch)	Standard Sizes <sup>(3)</sup> (inch)
酒窝板材	.187" .250"	厚度: +.010" - .00" 宽度/长度: +2.00" - .00"	24"x24" 36"x36" 48"x48"
酒窝圆片	.187" .250"	厚度: +.010" - .00" 宽度/长度: +2.00" - .00"	∅ 5.250" ∅ 8.125" ∅ 10.625" ∅ 12.125" ∅ 13.875" ∅ 16.125" ∅ 18.500" ∅ 19.500" ∅ 20.000" ∅ 21.625" ∅ 22.375" ∅ 24.375" ∅ 26.000" ∅ 28.875" ∅ 30.250" ∅ 30.625" ∅ 31.500" ∅ 34.625" ∅ 38.500" ∅ 41.875"

材料 fluteck™ P2010  
根据要求 改性PTFE, 特殊化合物

<sup>1</sup> 根据EN 1337-2和AASHTO LRFD 18.4.3.1-和18.8.2.6-1

<sup>2</sup> 根据要求提供额外的厚度

<sup>3</sup> 额外的尺寸和半圆盘可根据要求提供

纯聚四氟乙烯(PTFE)等压成型管 公制尺寸

Metric sizes

外径 (毫米)		内径 (毫米)					公差(1)	长度 (毫米)
40.0	33.0	30.0	-	-	-	-	O.D. +6.0% - 0.0%	
45.0	38.0	35.0	33.0	-	-	-		
48.0	40.0	38.0	35.0	33.0	-	-		
50.0	43.0	40.0	38.0	35.0	33.0	-		
53.0	45.0	43.0	40.0	38.0	35.0	-		
55.0	48.0	45.0	43.0	40.0	38.0	35.0		
58.0	50.0	48.0	45.0	43.0	40.0	38.0		
60.0	53.0	50.0	48.0	45.0	43.0	40.0		
63.0	55.0	53.0	50.0	48.0	45.0	43.0		
65.0	58.0	55.0	53.0	50.0	48.0	45.0		
68.0	60.0	58.0	55.0	53.0	50.0	48.0		
70.0	63.0	60.0	58.0	55.0	53.0	50.0		
73.0	65.0	63.0	60.0	58.0	55.0	53.0		
75.0	68.0	65.0	63.0	60.0	58.0	55.0		
78.0	70.0	68.0	65.0	63.0	60.0	58.0		
80.0	73.0	70.0	68.0	65.0	63.0	60.0		
83.0	75.0	73.0	70.0	68.0	65.0	63.0		
85.0	78.0	75.0	73.0	70.0	68.0	65.0		
88.0	80.0	78.0	75.0	73.0	70.0	68.0		
90.0	83.0	80.0	78.0	75.0	73.0	70.0		
93.0	85.0	83.0	80.0	78.0	75.0	73.0		
95.0	88.0	85.0	83.0	80.0	78.0	75.0		
98.0	90.0	88.0	85.0	83.0	80.0	78.0		
100.0	93.0	90.0	88.0	85.0	83.0	80.0		
103.0	95.0	93.0	90.0	88.0	85.0	83.0		
105.0	98.0	95.0	93.0	90.0	88.0	85.0		
108.0	100.0	98.0	95.0	93.0	-	-		
110.0	100.0	98.0	95.0	-	-	-		
115.0	105.0	100.0	95.0	-	-	-		
120.0	110.0	105.0	100.0	-	-	-		
125.0	115.0	110.0	105.0	-	-	-		

<sup>1</sup> 根据ISO 13000标准和企业标准规范

薄壁聚四氟乙烯(PTFE)管 公制尺寸

Metric sizes

内径 (毫米)	壁厚 (毫米)	标准长度 (米)
2.0	1	50 100
3.0	0.5	
4.0	1	
6.0	1	
8.0	1	
10.0	1	
12.0	1	
14.0	1	25

另外 更多尺寸可根据要求高达80毫米 可根据要求提供茶氨表面处理  
材料 fluteck™ TW100 , fluteck™ TW150, fluteck™ TW200, fluteck™ TW250

<sup>1</sup> 根据ISO 13000标准和企业标准规范

## Technical data sheet

	Properties	Method	Units	fluteck™ P1000 Virgin PTFE Standard Grade	fluteck™ P1050 Modified PTFE Standard Grade	fluteck™ P1500 Virgin PTFE Premium Grade	fluteck™ P1550 Modified PTFE Premium Grade
Physical	Specific Gravity	ASTM D792	g/cm <sup>3</sup>	2.13 - 2.19	2.13 - 2.18	2.13 - 2.19	2.13 - 2.18
	Water absorption - 24 hours	ASTM D570	%	0.01	0.01	0.01	0.01
Mechanical	Elongation at break	ASTM D4894	%	≥ 200	≥ 400	≥ 280	≥ 450
	Tensile strength	ASTM D4894	MPa	≥ 20	≥ 28	≥ 25	≥ 30
	Shore D hardness	ASTM D2240	Shore D	≥ 54	≥ 54	≥ 54	≥ 54
	Ball hardness	ASTM D785	MPa	≥ 23	≥ 23	≥ 23	≥ 23
	Compression strength at 1% deformation	ASTM D695	MPa	≥ 4	≥ 4	≥ 4	≥ 4
	Deformation under load (140 kg/cm <sup>2</sup> for 24h at 23°C)	ASTM D621	%	10 - 13	9 - 12	10 - 13	9 - 12
	Permanent deformation (after 24h at 23°C)	ASTM D621	%	6 - 7.5	4.5 - 6	6 - 7.5	4.5 - 6
	Coefficient of static friction	ASTM D1894	-	0.08 - 0.10	0.08 - 0.10	0.08 - 0.10	0.08 - 0.10
	Coefficient of dynamic friction	ASTM D1894	-	0.06 - 0.08	0.06 - 0.08	0.06 - 0.08	0.06 - 0.08
	Wear factor K	ASTM D3702	-	2.9	2.9	2.9	2.9
Wear coefficient		$\frac{\text{cm}^3 \text{ min}}{\text{kg m h}} \cdot 10^{-8}$	20000 - 25000	20000 - 25000	20000 - 25000	20000 - 25000	
Thermal	Thermal conductivity	ASTM C177	W/m·K	0.34	0.24	0.34	0.24
	Flammability	UL94	-	V - 0	V - 0	V - 0	V - 0

The information in this technical data sheet have been collected reliable statistic series.

All informations are intended only as general guide lines for use at user discretion.

Fluorseals does not guarantee any specific result and do not assume any liability in connection with the use of the product.

## PTFE compounds

Filler	Product description	Properties	Color	Density (g/cm <sup>3</sup> )	Elongation (%)	Hardness (Shore D)	Tensile strength
Glass fiber	fluteck™ P GL series	Improved wear resistance, compression strength, creep resistance, chemical resistance (except to alkalis and hydrofluoric acid). Good performance in oxidizing environments	white cream	2.130 - 2.290	≥ 180	≥ 63	≥ 18
Glass fiber combined with MoS <sub>2</sub>	fluteck™ P GM series	Superior hardness and wear resistance. Increased sliding properties	gray black	2.140 - 2.280	≥ 100	≥ 60	≥ 22
Glass fiber combined with graphite	fluteck™ P GG series						
Carbon	fluteck™ P CA series	Improved electrical and thermal conductivity, better resistance under load, low coefficient of friction, rapid dissipation of electrical charge, inertness and chemical resistance	black	2.030 - 2.190	≥ 100	≥ 62	≥ 30
Electro-graphitized carbon	fluteck™ P CS series						
Carbon graphite	fluteck™ P CG series	Improved electrical and thermal conductivity, better resistance under load, low coefficient of friction, improved wear resistance and low friction properties	black	2.070 - 2.190	≥ 100	≥ 62	≥ 20
Carbon fiber	fluteck™ P CF series	Improved lubricant properties in wet environments (dynamic applications). Resistance to hydrofluoric acids and strong bases (except oxidizing environments)	black	2.060 - 2.120	≥ 75	≥ 55	≥ 20
Graphite	fluteck™ P GR series	Improved wear resistance, decreased friction and increased sliding properties against soft metals, chemical inertness	black	2.120 - 2.180	≥ 60	≥ 60	≥ 20
Bronze	fluteck™ P BZ series	Improved compression strength, wear resistance, high thermal conductivity, resistance to abrasion, reduced chemical resistance	brown green	3.050 - 4.000	≥ 150	≥ 65	≥ 15
Bronze combined with MoS <sub>2</sub>	fluteck™ P BM series	Superior hardness and wear resistance. Increased sliding properties. Lower coefficient of friction than bronze filled	brown	3.050 - 3.900	≥ 150	≥ 65	≥ 18
Bronze combined with graphite	fluteck™ P BG series						
Molybdenum disulfide (MoS <sub>2</sub> )	fluteck™ P MS series	Increased properties of hardness and wear resistance. Increased sliding properties and decreased friction	blue	2.200 - 2.250	≥ 200	≥ 55	≥ 25
PEEK	fluteck™ P PK series	Increased thermal resistance, sliding properties, surface hardness. Superior properties in dynamic applications	light brown	1.800 - 1.930	≥ 10	≥ 65	≥ 13
Stainless steel	fluteck™ P IN series	Superior compression strength and wear resistance properties, high thermal conductivity, resistance to abrasion	gray	3.300 - 3.400	≥ 130	≥ 65	≥ 15
Aromatic polyester	fluteck™ P EK series	Improved low friction behavior and high wear resistance against all counterfaces	brick red brown	1.850 - 2.090	≥ 150	≥ 60	≥ 15
Calcium fluoride	fluteck™ P FC series	Improved wear resistance, compression strength, creep and chemical resistance. FDA approved	cream brown	2.230 - 2.290	≥ 130	≥ 62	≥ 15
Alumina	fluteck™ P AL series	Excellent chemical resistance, compression strength and chemical/thermal dimensional stability	cream	2.240 - 2.270	≥ 100	≥ 62	≥ 18
Ceramic	fluteck™ P CE series						

The information in this technical data sheet have been collected reliable statistic series.

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Fluorseals does not guarantee any specific result and do not assume any liability in connection with the use of the product.



## Technical data sheets

	性能方法单位内部测试 物理	方法	单位	fluteck™	fluteck™	fluteck™	fluteck™	fluteck™	fluteck™	fluteck™
				P1500 PTFE	K300 PEEK	C100 PCTFE	C200 ECTFE	F100 PFA	E200 FEP	E400 ETFE
物理	Specific Gravity	ASTM D792	g/cm <sup>3</sup>	2.130 - 2.190	1.30 - 1.32	2.10 - 2.16	1.62 - 1.68	2.13 - 2.18	2.12 - 2.16	1.72
	Water absorption - 24 hours	ASTM D570	%	0.01	0.1	< 0.01	< 0.10	< 0.03	< 0.01	< 0.01
	Mold shrinkage - along the flow	ASTM D955	%	1.50 - 2.00	1 - 1.5	1.50 - 2.00	2.5	4 - 5	3 - 5	2 - 3.5
机械性能	Elongation at break	ASTM D638	%	≥ 280	≥ 10	40 - 150	≥ 200	≥ 250	≥ 300	≥ 200
	Tensile strength (23°C)	ASTM D638	MPa	> 25	≥ 95	31 - 45	40	> 23	25	> 35
	Flexural strength, at break	ASTM D790	MPa	no break	≥ 140	40 - 50	40	no break	no break	38
	Flexural modulus	ASTM D790	MPa	600 - 700	3800	1200	1500	500	600	1000
	Shore D hardness	ASTM D785	-	D54	D80	D80	D75	D60	D56	D65
	IZOD notched impact (23°C)	ASTM D256	J/m	161	≥ 85	150	no break	no break	no break	no break
	Coefficient of dynamic friction (vs. itself)	ASTM D1894	-	0.06 - 0.08	≤ 0.2	0.35	0.2	0.21	0.3	0.23
热性能	Melting temperature (°F/°C)	ASTM D3418	(°F/°C)	621/327	644/340	410/210	432/222	582/305	500/260	518/270
	Max operating temperature (°F/°C)	-	(°F/°C)	500/260	572/300	302/150	302/150	500/260	400/204	302/150
	Flammability rating	UL 94	-	V - 0	V - 0	V - 0	V - 0	V - 0	V - 0	V - 0
	Heat deflection tem- perature (0.45 MPa)	ASTM D648	(°F/°C)	132/55	315/157	176/80	194/90	163/73	158/70	176/80
	Min. short term service temperature	-	(°F/°C)	- 320/ - 196	- 148/ - 100	- 328/ - 200	- 148/ - 100	- 328/ - 200	- 328/ - 200	- 148/ - 100
电性能	Dielectric constant, at 1KHz	ASTM D150	-	2.1	3.2	2.3	2.48	2	2.15	2.6
	Dielectric strength (23°C, 1.0 mm)	ASTM D149	KV/mm	≥ 30	≥ 22	32	30	33	35	30
	Dissipation factor, at 1KHz	ASTM D150	-	0.0001 - 0.0003	0.003	0.0012	0.0012	0.00082	0.00094	0.015
	Arc resistance (sec)	ASTM D495	sec	300	40	> 320	> 120	> 180	> 300	> 100
	Volume resistivity, at 50% RH	ASTM D257	(ohm*cm)	> 10 <sup>18</sup>	> 10 <sup>17</sup>	> 10 <sup>17</sup>	> 10 <sup>17</sup>	> 10 <sup>18</sup>	> 10 <sup>18</sup>	> 10 <sup>17</sup>

本技术数据表中的信息是从可靠的统计数据系列中收集。

所有信息仅供用户自行决定使用的通用指南。

Fluorseals 不保证任何特定的结果，不承担有关使用本产品的任何责任。



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