

**dalcon<sup>TM</sup> SIZE LIST – METRIC**

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**PRODUCT: PTFE Moulded Rod (Sheet 1 of 2)**

**LENGTHS: 300mm & 500mm**

**GRADE: dalcon<sup>TM</sup> 001 Natural**

>0<	300mm Lengths Weight kg/each	500mm Lengths Weight kg/each
25	0.384	0.632
30	0.526	0.892
32	0.604	1.008
35	0.711	1.181
38	0.867	1.462
40	0.950	1.597
42	1.077	1.743
45	1.179	1.951
51	1.505	2.493
55	1.716	2.805
60	2.153	3.578
65	2.403	3.988
70	2.826	4.663
75	3.250	5.383
80	3.569	5.946
85	4.018	6.637
90	4.449	7.343
95	4.913	8.146
100	5.740	9.526
105	6.242	10.359
110	6.723	11.163
115	7.423	12.324
120	7.805	12.999
125	8.310	13.686
130	9.193	15.124
135	9.857	16.066
140	10.769	17.807
145	11.800	19.009
150	12.483	20.705
160	13.940	23.316
170	16.500	26.518
180	18.600	31.000
190	19.576	32.532

**WEIGHTS STATED ARE APPROXIMATE AND FOR GUIDE PURPOSES ONLY**

Suitable to finish to the normal sizes stated.



**PRODUCT: PTFE Moulded Rod (Sheet 2 of 2)**

**LENGTHS: 300mm & 500mm**

**GRADE: dalcon<sup>TM</sup> 001 Natural**

>0< mm	300mm Lenghs Weight kg/each	500mm Lenghs Weight kg/each
200	21.773	35.698
205	22.687	38.246
210	23.908	39.587
215	26.000	43.400
230	27.890	46.268
255	34.060	56.921
275	41.222	72.006

**WEIGHTS STATED ARE APPROXIMATE AND FOR GUIDE PURPOSES ONLY**

**Product Specification**

Natural Conforms to BS EN ISO 1300 RbaS2.

Also available BS EN ISO 1300 RbaS1, subject to quotation.

**Quality Certification**

Commercial Certificate of Conformity.

Material Analysis Report.

BS EN ISO 9001: Certificate.

**Information**

Colors & other Filled Grades available subject to quotation. Graphite, Bronze, MOS<sub>2</sub>, Conductive, Glass, Stainless Steel, Carbon/Coke.

Suitable to finish to the normal sizes stated.



**PRODUCT: PTFE Moulded Tube (Sheet 1 of 3)**

**Lengths: 300mm**

**GRADE: dalcon<sup>TM</sup> 001 Natural**

O/D I/D mm mm	kgs 300mm	O/D I/D mm mm	kgs 300mm	O/D I/D mm mm	kgs 300mm
42 x 19	0.858	80 x 22	3.445	100 x 45	4.722
42 x 22	0.830	80 x 25	3.370	100 x 50	4.459
42 x 25	0.750	80 x 32	3.185	100 x 58	4.190
45 x 19	1.050	80 x 38	2.849	100 x 64	3.780
45 x 22	0.980	80 x 45	2.549	100 x 70	3.227
45 x 25	0.900	80 x 50	2.298	100 x 77	2.794
45 x 32	0.700	80 x 58	1.914	100 x 83	2.360
51 x 19	1.295	80 x 64	1.534	105 x 19	6.220
51 x 22	1.290	85 x 19	3.955	105 x 22	6.160
51 x 25	1.147	85 x 22	3.890	105 x 25	6.080
51 x 32	0.984	85 x 25	3.815	105 x 32	5.900
51 x 38	0.760	85 x 32	3.630	105 x 38	5.675
55 x 19	1.600	85 x 38	3.271	105 x 45	5.415
55 x 22	1.550	85 x 45	2.955	105 x 50	4.975
55 x 25	1.460	85 x 50	2.764	105 x 58	4.530
55 x 32	1.280	85 x 58	2.330	105 x 64	4.184
55 x 38	1.050	85 x 64	1.953	105 x 70	3.728
60 x 19	1.922	85 x 70	1.567	105 x 77	3.289
60 x 25	1.812	90 x 19	4.267	105 x 83	2.760
60 x 32	1.636	90 x 25	4.110	105 x 89	2.263
60 x 38	1.416	90 x 32	3.917	110 x 25	6.364
60 x 45	1.157	90 x 38	3.751	110 x 32	6.148
65 x 19	1.968	90 x 45	3.570	110 x 38	6.050
65 x 25	2.039	90 x 50	3.211	110 x 45	5.750
65 x 32	1.825	90 x 58	2.764	110 x 50	5.510
65 x 38	1.649	90 x 64	2.376	110 x 58	5.006
65 x 45	1.450	90 x 70	2.018	110 x 64	4.631
65 x 50	1.162	90 x 77	1.563	110 x 70	4.200
70 x 19	2.597	95 x 19	5.124	110 x 77	3.715
70 x 25	2.459	95 x 25	4.622	110 x 83	3.160
70 x 32	2.293	95 x 32	4.531	110 x 89	2.696
70 x 38	2.061	95 x 38	4.190	115 x 25	7.326
70 x 45	1.800	95 x 45	3.910	115 x 32	7.120
70 x 50	1.574	95 x 50	3.709	115 x 38	6.904
70 x 58	1.168	95 x 58	3.227	115 x 45	6.605
75 x 19	3.200	95 x 64	3.000	115 x 50	6.225
75 x 22	3.130	95 x 70	2.474	115 x 58	5.918
75 x 25	2.886	95 x 77	2.028	115 x 64	5.258
75 x 32	2.697	95 x 83	1.912	115 x 70	4.949
75 x 38	2.467	100 x 19	5.670	115 x 77	4.750
75 x 45	2.214	100 x 22	5.610	115 x 83	3.952
75 x 50	1.989	100 x 25	5.530	115 x 89	3.465
75 x 58	1.607	100 x 32	5.242	115 x 101	2.359
80 x 19	3.510	100 x 38	5.120	120 x 25	8.096

**WEIGHTS STATED ARE APPROXIMATE AND FOR GUIDE PURPOSES ONLY – Suitable to finish to the normal sizes stated.**



**PRODUCT: PTFE Moulded Tube (Sheet 2 of 3)**

**Lengths: 300mm**

**GRADE: dalcon™ 001 Natural**

O/D I/D mm mm	kgs 300mm	O/D I/D mm mm	kgs 300mm	O/D I/D mm mm	kgs 300mm
120 x 32	7.890	135 x 50	8.850	150 x 45	11.840
120 x 38	7.675	135 x 58	8.400	150 x 50	11.245
120 x 45	7.376	135 x 64	8.050	150 x 58	11.150
120 x 50	6.544	135 x 70	7.650	150 x 64	10.750
120 x 58	6.152	135 x 77	7.100	150 x 70	10.360
120 x 64	6.050	135 x 83	6.600	150 x 77	9.420
120 x 70	5.316	135 x 89	6.100	150 x 83	9.330
120 x 77	4.962	135 x 101	4.644	150 x 89	8.490
120 x 83	4.374	135 x 115	3.400	150 x 101	7.338
120 x 89	4.068	140 x 25	11.238	150 x 115	5.805
120 x 101	2.789	140 x 32	11.032	150 x 127	4.491
125 x 19	8.450	140 x 38	10.817	160 x 25	14.178
125 x 22	8.350	140 x 45	10.073	160 x 32	13.973
125 x 25	8.300	140 x 50	9.875	160 x 38	13.757
125 x 32	8.100	140 x 58	9.054	160 x 45	13.458
125 x 38	7.900	140 x 64	8.433	160 x 50	12.767
125 x 45	7.600	140 x 70	8.555	160 x 58	12.308
125 x 50	7.077	140 x 77	7.850	160 x 64	12.839
125 x 58	6.700	140 x 83	7.648	160 x 70	11.622
125 x 64	6.500	140 x 89	6.788	160 x 77	11.113
125 x 70	5.789	140 x 101	5.661	160 x 83	10.700
125 x 77	5.600	140 x 115	4.184	160 x 89	10.186
125 x 83	5.100	140 x 127	2.808	160 x 101	8.961
125 x 89	4.600	145 x 19	11.600	160 x 115	7.498
125 x 101	3.231	145 x 22	11.500	160 x 127	5.594
130 x 25	9.463	145 x 25	11.450	170 x 19	16.300
130 x 32	9.257	145 x 32	11.250	170 x 22	16.250
130 x 38	8.818	145 x 38	11.050	170 x 25	16.200
130 x 45	8.743	145 x 45	10.750	170 x 32	16.000
130 x 50	8.317	145 x 50	10.500	170 x 38	15.800
130 x 58	7.802	145 x 58	10.050	170 x 45	15.500
130 x 64	7.464	145 x 64	9.700	170 x 50	15.250
130 x 70	6.667	145 x 70	9.300	170 x 58	14.800
130 x 77	6.199	145 x 77	8.750	170 x 64	14.400
130 x 83	5.672	145 x 83	8.250	170 x 70	14.000
130 x 89	5.136	145 x 89	7.750	170 x 77	13.500
130 x 101	3.975	145 x 101	6.600	170 x 83	13.000
130 x 115	2.570	145 x 115	5.000	170 x 89	12.500
135 x 19	9.950	145 x 127	3.550	170 x 101	10.811
135 x 22	9.900	150 x 19	12.650	170 x 115	9.800
135 x 25	9.800	150 x 22	12.580	170 x 127	8.300
135 x 32	9.600	150 x 25	12.500	170 x 152	4.750
135 x 38	9.400	150 x 32	12.320	180 x 19	18.400
135 x 45	9.100	150 x 38	12.100	180 x 22	18.350

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**PRODUCT: PTFE Moulded Tube (Sheet 3 of 3)**

**Lengths: 300mm**

**GRADE: dalcon™ 001 Natural**

O/D I/D mm mm	kgs 300mm	O/D I/D mm mm	kgs 300mm	O/D I/D mm mm	kgs 300mm
180 x 25	18.250	200 x 77	19.450	230 x 101	24.350
180 x 32	18.050	200 x 83	18.950	230 x 115	21.260
180 x 38	17.850	200 x 89	18.450	230 x 127	20.101
180 x 45	17.550	200 x 101	17.250	230 x 152	16.608
180 x 50	17.300	200 x 115	15.750	230 x 165	15.200
180 x 58	16.212	200 x 127	14.250	230 x 180	12.022
180 x 64	16.500	200 x 152	10.700	230 x 190	10.435
180 x 70	15.426	200 x 165	8.600	230 x 203	7.628
180 x 77	15.550	200 x 180	5.950	230 x 215	5.337
180 x 83	15.100	205 x 50	21.618	255 x 152	23.000
180 x 89	14.550	205 x 58	21.464	255 x 165	20.980
180 x 101	13.400	205 x 64	21.642	255 x 180	21.590
180 x 115	11.850	205 x 70	21.229	255 x 190	16.775
180 x 127	9.950	205 x 77	20.250	255 x 203	14.336
180 x 152	6.598	205 x 83	19.853	255 x 215	11.576
180 x 165	4.700	205 x 89	19.677	255 x 240	6.074
190 x 19	20.200	205 x 101	17.770	275 x 165	28.000
190 x 22	20.100	205 x 115	16.588	275 x 180	26.559
190 x 25	20.050	205 x 127	14.862	275 x 190	24.658
190 x 32	19.850	205 x 152	11.422	275 x 203	21.500
190 x 38	19.650	205 x 165	9.316	275 x 215	18.599
190 x 45	19.350	205 x 180	6.827	275 x 240	12.938
190 x 50	19.100	205 x 190	5.700	275 x 255	9.242
190 x 58	18.650	215 x 50	25.262	300 x 215	27.700
190 x 64	18.300	215 x 58	23.818	300 x 240	23.340
190 x 70	17.900	215 x 64	23.442	300 x 255	17.151
190 x 77	17.350	215 x 70	23.029		
190 x 83	16.850	215 x 77	23.501		
190 x 89	16.350	215 x 83	22.007		
190 x 101	14.602	215 x 89	21.835		
190 x 115	13.650	215 x 101	20.250		
190 x 127	11.666	215 x 115	20.500		
190 x 152	8.600	215 x 127	16.432		
190 x 165	6.350	215 x 152	13.892		
200 x 19	22.300	215 x 165	11.713		
200 x 22	22.200	215 x 180	11.792		
200 x 25	22.150	21 x 190	7.650		
200 x 32	21.950	230 x 50	26.918		
200 x 38	21.750	230 x 58	27.861		
200 x 45	21.450	230 x 64	27.485		
200 x 50	21.200	230 x 70	27.072		
200 x 58	20.750	230 x 77	26.545		
200 x 64	20.400	230 x 83	26.051		
200 x 70	19.950	230 x 89	25.520		

**WEIGHTS STATED ARE APPROXIMATE AND FOR GUIDE PURPOSES ONLY - Suitable to finish to the normal sizes stated.**



**PRODUCT: PTFE Extruded Rod - Ground**

**LENGTHS: 2M, 3M, 4M**

**GRADE: dalcon<sup>TM</sup> 001 Natural**

Size mm	Weight kg mtr	Tolerance Normal
4.0	0.0311	+0.30mm -0.00mm
4.3	0.0356	
5.0	0.0448	
5.5	0.0565	
6.3	0.0639	
7.1	0.0920	
7.5	0.1027	
8.0	0.1122	
9.5	0.1572	
10.0	0.1740	
11.0	0.2156	
12.0	0.2493	+0.75mm -0.00mm
13.0	0.3178	
15.0	0.3992	
16.0	0.4738	
18.0	0.5937	
19.0	0.6556	
20.0	0.7237	
22.0	0.8699	
24.0	1.0296	
25.0	1.0873	

**Grinding**

Specific ground sizes are available, these and precision ground will be subject to minimum order quantity.

All ground rods will have a surface finish of H7 (Ra 1.6µ).

Weights stated are for guide purposes only.

Conforms to: BS EN ISO 13000.



**PRODUCT: PTFE Extruded Rod - Unground**  
**LENGTHS: 2m standard, 3m & 4m on request.**  
**GRADE: dalcon™ 001 Virgin**

>0< mm	Weight kg/each	Tolerance mm
4.0	0.0320	+0.30 / -0
4.3	0.0356	+0.30 / -0
5.0	0.0470	+0.30 / -0
5.5	0.0565	+0.30 / -0
6.3	0.0770	+0.30 / -0
7.1	0.0920	+0.30 / -0
7.5	0.1040	+0.30 / -0
8.0	0.1260	+0.30 / -0
9.5	0.0171	+0.30 / -0
10.0	0.1882	+0.30 / -0
11.0	0.2370	+0.30 / -0
12.0	0.2820	+0.30 / -0
13.0	0.3250	+0.75 / -0
15.0	0.4560	+0.75 / -0
16.0	0.4738	+0.75 / -0
19.0	0.7172	+0.75 / -0
20.0	0.7235	+0.75 / -0
22.0	0.9230	+0.75 / -0
25.0	1.1530	+0.75 / -0
28.0	1.4670	+0.1.20/ -0
30.0	1.6840	+0.1.20/ -0
32.0	1.8580	+0.1.20/ -0
35.0	2.3230	+0.1.20/ -0
38.0	2.5550	+0.1.20/ -0
40.0	2.8750	+0.2.00/ -0
42.0	3.1610	+0.2.00/ -0
45.0	3.7560	+0.2.00/ -0
51.0	4.7120	+0.2.00/ -0

**WEIGHTS STATED ARE APPROXIMATE AND FOR GUIDE PURPOSES ONLY**

**Product Specification**

Conforms to BS EN ISO 1300 R-bp3.

**Quality Certification**

Commercial Certificate of Conformity.  
 Material Analysis Report.  
 BS EN ISO 9001: Certificate.

**Information**

Special diameter Rod can be made subject to a minimum quantity and quotation.  
 Sizes not stock items, will be subject to minimum order quantities.  
 2, 3, 4 M lengths may be available.

