



Moulded PTFE Rods/Tubes

We produce a wide range of PTFE moulded rod and tube in a variety of sizes in natural and filled grades all produced to a high standard

Moulded Rod: 6mm - 490mm diameter, up to 400mm length

Moulded Tube: 45mm - 600mm external diameter, up to 200mm length

We offer a variety of colours and fillers: glass, carbon, coke, graphite, anti-static, bronze, MoS₂ and special blends to customer specifications.

All our compounds offer exceptional characteristics in meeting extreme customer application requirements including.

- High chemical resistance
- Covers a wide working temperature range
- Low co-efficient of friction to solid
- Extreme dielectric properties
- Comprehensive strength and durability

Note: The size chart below is the tooling size what we have in the house. The billet's dimension subject to material selection and tooling. For more details, please contact our sales info@tianyi-sealings.com

RODS

Dia. x L (mm)	Dia. (mm)	Max Length (mm)
6x100	6	100
8x100	8	100
10x100	10	100
12x100	12	100
12.6x60	12.6	60
13x100	13	100
14x150	14	150
15x150	15	150
16x150	16	150
18x150	18	150
20x300	20	300
20.8x100	20.8	100
21x300	21	300
22x120	22	120
23.8x100	23.8	100
24.5x140	24.5	140
24.7x200	24.7	200
25x300	25	300
25.5x100	25.5	100
26.8x100	26.8	100
27x150	27	150
28x120	28	120
30x300	30	300
31.8x100	31.8	100
32x150	32	150
33.5x65	33.5	65
35x300	35	300
37x200	37	200
38x120	38	120
40x300	40	300
42x200	42	200
43x200	43	200
45x30	45	30
45x300	45	300
47x200	47	200
48x300	48	300
50x300	50	300
52x300	52	300
55x300	55	300
60x300	60	300
62x300	62	300
65x300	65	300
68x200	68	200
70x300	70	300
75x300	75	300
80x300	80	300
82x70	82	70
85x300	85	300
85.5x150	85.5	150
90x300	90	300
95x300	95	300
100x300	100	300
108x200	108	200
110x300	110	300
120x300	120	300

TUBES

OD x ID (mm)	OD (mm)	ID (mm)	Max Length (mm)
45x20	45	20	200
45x25	45	25	200
50x20	50	20	200
50x25	50	25	200
50x30	50	30	200
55x20	55	20	200
55x25	55	25	200
55x30	55	30	200
55x35	55	35	200
60x20	60	20	200
60x30	60	30	200
60x35	60	35	200
60x40	60	40	200
65x20	65	20	200
65x25	65	25	200
65x30	65	30	200
65x35	65	35	200
65x40	65	40	200
65x45	65	45	200
70x20	70	20	200
70x25	70	25	200
70x30	70	30	200
70x35	70	35	200
70x40	70	40	200
70x45	70	45	200
70x50	70	50	200
75x25	75	25	200
75x30	75	30	200
75x35	75	35	200
75x40	75	40	200
75x50	75	50	200
80x20	80	20	200
80x30	80	25	200
80x40	80	30	200
80x45	80	35	200
80x50	80	38	200
80x55	80	40	200
80x60	80	45	200
85x20	80	50	200
85x30	80	55	200
85x40	80	60	200
85x45	85	20	200
85x50	85	30	200
85x55	85	35	200
85x60	85	40	200
90x30	85	45	200
90x40	85	50	200
90x45	85	55	200
90x50	85	60	200
90x55	85	65	200
90x60	85	70	200
90x65	90	20	200
90x70	90	30	200
95x25	90	40	200
95x30	90	45	200

RODS

Dia. x L (mm)	Dia. (mm)	Max Length (mm)
125x300	125	300
130x300	130	300
134x200	134	200
140x300	140	300
150x300	150	300
155x120	155	120
160x300	160	300
165x300	165	300
170x300	170	300
180x300	180	300
190x300	190	300
200x360	200	360
210x250	210	250
220x300	220	300
230x200	230	200
240x300	240	300
250x300	250	300
262x300	262	300
270x150	270	150
280x300	280	300
290x200	290	200
300x300	300	300
305x300	305	300
315x400	315	400
320x50	320	50
328x200	328	200
336x300	336	300
347x200	347	200
360x300	360	300
371x150	371	150
380x200	380	200
393x100	393	100
408x300	408	300
420x120	420	120
430x150	430	150
453x200	453	200
468x250	468	250
490x150	490	150

TUBES

OD x ID (mm)	OD (mm)	ID (mm)	Max Length (mm)
95x40	90	50	200
95x50	90	55	200
95x55	90	60	200
95x60	90	65	200
95x65	90	70	200
95x70	90	75	200
95x70	95	25	200
100x20	95	35	200
100x30	95	40	200
100x35	95	45	200
100x40	95	50	200
100x45	95	55	200
100x50	95	60	200
100x60	95	65	200
100x70	95	70	200
100x75	95	75	200
100x80	97	69	200
105x50	100	25	200
105x60	100	30	200
105x65	100	35	200
105x70	100	40	200
105x80	100	45	200
108x75	100	50	200
110x40	100	55	200
110x45	100	60	200
110x50	100	65	200
110x60	100	70	200
110x70	100	75	200
110x75	100	80	200
110x80	105	12	200
110x90	105	25	200
115x55	105	30	200
115x65	105	40	200
115x75	105	50	200
115x80	105	55	200
115x85	105	60	200
115x90	105	65	200
120x30	105	70	200
120x40	105	75	200
120x50	105	80	200
120x60	105	85	200
120x65	105	90	200
120x70	105	95	200
120x75	110	30	200
120x80	110	35	200
120x85	110	40	200
120x90	110	45	200
120x95	110	55	200
120x100	110	60	200
125x95	110	65	200
125x100	110	70	200
130x40	110	75	200
130x50	110	80	200
130x60	110	85	200
130x65	110	90	200

RODS

Dia. x L (mm)	Dia. (mm)	Max Length (mm)
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TUBES

OD x ID (mm)	OD (mm)	ID (mm)	Max Length (mm)
130x70	110	95	200
130x75	115	15	200
130x80	115	20	200
130x85	115	35	200
130x90	115	50	200
130x95	115	60	200
130x100	115	65	200
135x80	115	70	200
135x90	115	75	200
135x95	115	80	200
135x100	115	85	200
140x45	115	90	200
140x50	115	93	200
140x65	115	100	200
140x70	120	12	200
140x80	120	20	200
140x90	120	30	200
140x95	120	40	200
140x100	120	45	200
140x110	120	50	200
150x40	120	60	200
150x50	120	70	200
150x60	120	75	200
150x70	120	80	200
150x80	120	85	200
150x90	120	90	200
150x95	120	95	200
150x100	120	100	200
150x110	120	105	200
150x120	125	20	200
150x125	125	30	200
160x60	125	35	200
160x70	125	40	200
160x80	125	45	200
160x90	125	50	200
160x100	125	60	200
160x120	125	65	200
160x125	125	70	200
160x125	125	80	200
160x135	125	85	200
170x65	125	90	200
170x80	125	95	200
170x100	125	100	200
170x110	130	30	200
170x120	130	40	200
170x125	130	50	200
170x130	130	60	200
170x140	130	65	200
170x145	130	70	200
175x100	130	75	200
180x50	130	80	200
180x60	130	85	200
180x70	130	90	200
180x80	130	95	200
180x90	130	100	200

RODS

Dia. x L (mm)	Dia. (mm)	Max Length (mm)
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TUBES

OD x ID (mm)	OD (mm)	ID (mm)	Max Length (mm)
180x110	130	110	200
180x130	135	60	200
180x140	135	65	200
180x143	135	70	200
180x145	135	80	200
180x160	135	85	200
195x143	135	90	200
195x150	135	95	200
195x160	135	100	200
200x85	135	105	200
200x100	135	110	200
200x125	140	12	200
200x130	140	40	200
200x140	140	50	200
200x160	140	60	200
200x170	140	70	200
210x50	140	75	200
210x90	140	80	200
210x110	140	85	200
210x120	140	90	200
210x130	140	100	200
210x150	140	110	200
210x160	140	120	200
210x170	145	25	200
220x110	145	40	200
220x130	145	55	200
220x160	145	60	200
220x175	145	65	200
220x180	145	70	200
145x75	145	75	200
145x80	145	80	200
145x85	145	85	200
145x90	145	90	200
145x95	145	95	200
145x100	145	100	200
145x105	145	105	200
145x110	145	110	200
145x115	145	115	200
145x125	145	125	200
145x130	145	130	200
150x20	150	20	200
150x50	150	50	200
150x60	150	60	200
150x65	150	65	200
150x70	150	70	200
150x75	150	75	200
150x80	150	80	200
150x85	150	85	200
150x90	150	90	200
150x95	150	95	200
150x100	150	100	200
150x110	150	110	200
150x115	150	115	200
150x120	150	120	200
150x125	150	125	200

RODS

Dia. x L (mm)	Dia. (mm)	Max Length (mm)
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TUBES

OD x ID (mm)	OD (mm)	ID (mm)	Max Length (mm)
150x130	150	130	200
155x40	155	40	200
155x60	155	60	200
155x75	155	75	200
155x80	155	80	200
155x90	155	90	200
155x95	155	95	200
155x100	155	100	200
155x105	155	105	200
155x110	155	110	200
155x120	155	120	200
155x125	155	125	200
155x130	155	130	200
155x135	155	135	200
155x140	155	140	200
160x30	160	30	200
160x50	160	50	200
160x60	160	60	200
160x70	160	70	200
160x80	160	80	200
160x90	160	90	200
160x95	160	95	200
160x100	160	100	200
160x110	160	110	200
160x120	160	120	200
160x125	160	125	200
160x135	160	135	200
160x140	160	140	200
160x145	160	145	200
165x85	165	85	200
165x100	165	100	200
165x105	165	105	200
165x110	165	110	200
160x120	160	120	200
165x125	165	125	200
165x130	165	130	200
165x135	165	135	200
170x30	170	30	200
170x50	170	50	200
170x60	170	60	200
170x65	170	65	200
170x80	170	80	200
170x90	170	90	200
170x100	170	100	200
170x110	170	110	200
170x120	170	120	200
170x125	170	125	200
170x130	170	130	200
170x140	170	140	200
170x145	170	145	200
180x20	180	20	200
180x38	180	38	200
180x50	180	50	200
180x60	180	60	200
180x65	180	65	200

RODS

Dia. x L (mm)	Dia. (mm)	Max Length (mm)
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TUBES

OD x ID (mm)	OD (mm)	ID (mm)	Max Length (mm)
180x75	180	75	200
180x80	180	80	200
180x90	180	90	200
180x95	180	95	200
180x100	180	100	200
180x110	180	110	200
180x115	180	115	200
180x120	180	120	200
180x125	180	125	200
180x130	180	130	200
180x135	180	135	200
180x140	180	140	200
180x145	180	145	200
180x155	180	155	200
180x160	180	160	200
185x45	185	45	200
185x50	185	50	200
185x70	185	70	200
185x85	185	85	200
185x105	185	105	200
185x120	185	120	200
185x125	185	125	200
185x130	185	130	200
185x140	185	140	200
185x145	185	145	200
185x150	185	150	200
185x165	185	165	200
190x60	190	60	200
190x80	190	80	200
190x95	190	95	200
190x100	190	100	200
190x120	190	120	200
190x125	190	125	200
190x135	190	135	200
190x140	190	140	200
190x145	190	145	200
190x150	190	150	200
190x160	190	160	200
190x170	190	170	200
195x60	195	60	200
195x130	195	130	200
195x135	195	135	200
195x140	195	140	200
195x155	195	155	200
195x160	195	160	200
200x40	200	40	200
200x50	200	50	200
200x70	200	70	200
200x80	200	80	200
200x90	200	90	200
200x100	200	100	200
200x110	200	110	200
200x120	200	120	200
200x125	200	125	200
200x135	200	135	200

RODS

Dia. x L (mm)	Dia. (mm)	Max Length (mm)
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TUBES

OD x ID (mm)	OD (mm)	ID (mm)	Max Length (mm)
200x140	200	140	200
200x145	200	145	200
200x150	200	150	200
200x160	200	160	200
200x170	200	170	200
205x40	205	40	200
205x65	205	65	200
205x70	205	70	200
205x100	205	100	200
205x145	205	145	200
205x155	205	155	200
205x165	205	165	200
205x180	205	180	200
210x50	210	50	200
210x70	210	70	200
210x85	210	85	200
210x100	210	100	200
210x120	210	120	200
210x125	210	125	200
210x130	210	130	200
210x140	210	140	200
210x145	210	145	200
210x150	210	150	200
210x155	210	155	200
210x160	210	160	200
210x165	210	165	200
210x170	210	170	200
210x175	210	175	200
210x180	210	180	200
210x190	210	190	200
215x150	215	150	200
220x50	220	50	200
220x70	220	70	200
220x80	220	80	200
220x100	220	100	200
220x110	220	110	200
220x120	220	120	200
220x130	220	130	200
220x145	220	145	200
220x150	220	150	200
220x155	220	155	200
220x160	220	160	200
220x170	220	170	200
220x180	220	180	200
220x185	220	185	200
220x190	220	190	200
220x200	220	200	200
223x209	223	209	200
230x60	230	60	200
230x70	230	70	200
230x80	230	80	200
230x90	230	90	200
230x100	230	100	200
230x120	230	120	200
230x130	230	130	200

RODS

Dia. x L (mm)	Dia. (mm)	Max Length (mm)
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TUBES

OD x ID (mm)	OD (mm)	ID (mm)	Max Length (mm)
230x150	230	150	200
230x160	230	160	200
230x170	230	170	200
230x180	230	180	200
230x185	230	185	200
230x200	230	200	200
233x208	233	208	200
240x80	240	80	200
240x90	240	90	200
240x95	240	95	200
240x110	240	110	200
240x130	240	130	200
240x140	240	140	200
240x150	240	150	200
240x170	240	170	200
240x175	240	175	200
240x185	240	185	200
240x190	240	190	200
240x200	240	200	200
240x210	240	210	200
240x220	240	220	200
250x50	250	50	200
250x80	250	80	200
250x100	250	100	200
250x120	250	120	200
250x140	250	140	200
250x145	250	145	200
250x160	250	160	200
250x170	250	170	200
250x180	250	180	200
250x200	250	200	200
250x210	250	210	200
250x220	250	220	200
260x35	260	35	200
260x40	260	40	200
260x100	260	100	200
260x110	260	110	200
260x140	260	140	200
260x160	260	160	200
260x180	260	180	200
260x185	260	185	200
260x190	260	190	200
260x200	260	200	200
260x205	260	205	200
260x210	260	210	200
260x220	260	220	200
260x230	260	230	200
270x100	270	100	200
275x65	275	65	200
275x75	275	75	200
275x90	275	90	200
275x120	275	120	200
275x155	275	155	200
275x160	275	160	200
275x170	275	170	200

RODS

Dia. x L (mm)	Dia. (mm)	Max Length (mm)
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TUBES

OD x ID (mm)	OD (mm)	ID (mm)	Max Length (mm)
275x180	275	180	200
275x190	275	190	200
275x200	275	200	200
275x210	275	210	200
275x230	275	230	200
275x250	275	250	200
280x55	280	55	200
280x40	280	40	200
280x110	280	110	200
280x140	280	140	200
280x160	280	160	200
280x180	280	180	200
280x200	280	200	200
280x220	280	220	200
280x225	280	225	200
280x230	280	230	200
280x235	280	235	200
280x240	280	240	200
280x250	280	250	200
280x260	280	260	200
290x245	290	245	200
300x40	300	40	200
300x50	300	50	200
300x70	300	70	200
300x100	300	100	200
300x110	300	110	200
300x130	300	130	200
300x135	300	135	200
300x150	300	150	200
300x160	300	160	200
300x180	300	180	200
300x210	300	210	200
300x230	300	230	200
300x240	300	240	200
300x250	300	250	200
300x260	300	260	200
300x270	300	270	200
310x120	310	120	200
310x172	310	172	200
310x180	310	180	200
310x200	310	200	200
310x220	310	220	200
310x240	310	240	200
310x250	310	250	200
310x260	310	260	200
310x270	310	270	200
310x275	310	275	200
310x250	310	250	200
320x50	320	50	200
320x150	320	150	200
320x190	320	190	200
320x200	320	200	200
320x210	320	210	200
320x220	320	220	200
320x230	320	230	200

RODS

Dia. x L (mm)	Dia. (mm)	Max Length (mm)
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TUBES

OD x ID (mm)	OD (mm)	ID (mm)	Max Length (mm)
320x240	320	240	200
320x250	320	250	200
320x260	320	260	200
320x270	320	270	200
320x280	320	280	200
320x290	320	290	200
330x40	330	40	200
330x150	330	150	200
330x220	330	220	200
330x240	330	240	200
330x270	330	270	200
330x290	330	290	200
330x300	330	300	200
340x50	340	50	200
340x90	340	90	200
340x100	340	100	200
340x150	340	150	200
340x155	340	155	200
340x180	340	180	200
340x190	340	190	200
340x200	340	200	200
340x230	340	230	200
340x250	340	250	200
340x260	340	260	200
340x280	340	280	200
340x290	340	290	200
340x300	340	300	200
340x310	340	310	200
350x50	350	50	200
350x100	350	100	200
350x150	350	150	200
350x240	350	240	200
350x300	350	300	200
350x310	350	310	200
350x320	350	320	200
360x90	360	90	200
360x160	360	160	200
360x200	360	200	200
360x230	360	230	200
360x260	360	260	200
360x280	360	280	200
360x290	360	290	200
360x300	360	300	200
360x310	360	310	200
360x320	360	320	200
370x190	370	190	200
370x250	370	250	200
370x260	370	260	200
370x280	370	280	200
370x300	370	300	200
370x310	370	310	200
370x320	370	320	200
370x340	370	340	200
380x80	380	80	200
380x250	380	250	200

RODS

Dia. x L (mm)	Dia. (mm)	Max Length (mm)
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TUBES

OD x ID (mm)	OD (mm)	ID (mm)	Max Length (mm)
380x270	380	270	200
380x290	380	290	200
380x300	380	300	200
380x310	380	310	200
380x320	380	320	200
380x325	380	325	200
380x350	380	350	200
390x240	390	240	200
390x270	390	270	200
390x290	390	290	200
390x320	390	320	200
390x330	390	330	200
390x340	390	340	200
400x100	400	100	200
400x150	400	150	200
400x170	400	170	200
400x200	400	200	200
405x175	405	175	200
405x240	405	240	200
405x310	405	310	200
405x340	405	340	200
405x350	405	350	200
405x370	405	370	200
420x190	420	190	200
420x250	420	250	200
420x300	420	300	200
420x340	420	340	200
420x350	420	350	200
420x370	420	370	200
420x380	420	380	200
420x395	420	395	200
440x150	440	150	200
440x210	440	210	200
440x240	440	240	200
440x260	440	260	200
440x320	440	320	200
440x350	440	350	200
440x370	440	370	200
440x385	440	385	200
450x190	450	190	200
450x260	450	260	200
450x340	450	340	200
450x395	450	395	200
460x370	460	370	200
460x400	460	400	200
470x145	470	145	200
470x250	470	250	200
470x370	470	370	200
470x395	470	395	200
470x420	470	420	200
470x430	470	430	200
480x110	480	110	200
480x190	480	190	200
480x250	480	250	200
480x370	480	370	200

RODS

Dia. x L (mm)	Dia. (mm)	Max Length (mm)
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TUBES

OD x ID (mm)	OD (mm)	ID (mm)	Max Length (mm)
480x395	480	395	200
480x400	480	400	200
480x420	480	420	200
480x440	480	440	200
490x400	490	400	200
490x410	490	410	200
500x270	500	270	200
500x320	500	320	200
500x340	500	340	200
500x360	500	360	200
500x380	500	380	200
500x400	500	400	200
500x410	500	410	200
500x420	500	420	200
500x440	500	440	200
520x350	520	350	200
500x420	500	420	200
500x440	500	440	200
520x350	520	350	200
520x420	520	420	200
530x430	530	430	200
530x440	530	440	200
530x460	530	460	200
530x480	530	480	200
550x410	550	410	200
550x460	550	460	200
550x495	550	495	200
585x340	585	340	200