

## PTFE TUBING

Polyflon offers the highest quality PTFE tubing produced from only premium virgin raw material grades. Close attention is always paid to finished surface smoothness, ID/OD concentricity and circularity.

### Key Features of PTFE Tubing:

- ⦿ Outstanding low friction/non-stick properties
- ⦿ Excellent resistance to almost all solvents, acids & bases
- ⦿ Very wide temperature range from -270°C (-454°F) to 260°C (500°F)
- ⦿ Virtually unaffected by oxygen, UV light & ozone
- ⦿ Most PTFE-tubing grades FDA conforming & USP Class VI compliant



### Availability of PTFE Tubing:

- ⦿ In coils or on spools
- ⦿ Straight pieces with clean, square cuts
- ⦿ Can be supplied in heat sealed PE bags to maintain cleanliness
- ⦿ Spiral cut for wire/cable management
- ⦿ Longitudinally slit for 'snap on' sleeving
- ⦿ Carbon filled for improved conductivity, ceramic filled for better wear
- ⦿ Pigmented (solid/striped) for quick media identification
- ⦿ Can be supplied as finished tubing assemblies with connectors etc...

## PTFE Tubing - Standard Metric Sizes:

ID	ID tol. +/-	OD	W	W tol. +/-	MBR	W/P @ 23°C (bar)	B/P @ 23°C (bar)
1.00	0.05	2.00	0.50	0.10	8	28	140
2.00	0.10	4.00	1.00	0.20	16	28	140
2.50	0.15	4.00	0.75	0.12	22	16	84
3.00	0.15	4.00	0.50	0.10	32	9	46
3.50	0.15	4.50	0.50	0.10	41	8	40
4.00	0.15	6.00	1.00	0.20	36	14	70
5.00	0.20	8.00	1.50	0.25	43	16	84
6.00	0.20	8.00	1.00	0.20	64	9	46
8.00	0.20	10.00	1.00	0.20	100	7	35
9.00	0.30	12.00	1.50	0.25	96	9	46
10.00	0.30	12.00	1.00	0.20	144	5	28

MBR=minimum bend radius, W/P-working pressure, B/P=burst pressure

## PTFE Tubing - Standard Imperial Sizes:

ID	ID (mm)	ID tol.+/- (mm)	OD	OD (mm)	W (mm)	W tol. +/- (mm)	MBR	W/P @ 23°C (bar)	B/P @ 23°C (bar)
1/32"	0.79	0.05	1/16"	1.59	0.40	0.07	7	28	141
1/16"	1.59	0.10	1/8"	3.18	0.79	0.12	13	27	139
1/8"	3.18	0.15	1/4"	6.35	1.59	0.30	26	28	140
5/32"	3.97	0.15	1/4"	6.35	1.19	0.20	34	16	83
3/16"	4.76	0.20	1/4"	6.35	0.79	0.12	51	9	46
1/4"	6.35	0.20	5/16"	7.94	0.79	0.12	80	7	35
1/4"	6.35	0.20	3/8"	9.53	1.59	0.30	57	14	70
3/8"	9.53	0.30	1/2"	12.70	1.59	0.30	102	9	46
1/2"	12.70	0.50	5/8"	15.88	1.59	0.30	159	7	35
5/8"	15.88	0.50	3/4"	19.05	1.59	0.30	228	6	28
7/8"	22.22	0.50	1"	25.40	1.59	0.30	311	4	20

MBR=minimum bend radius (mm), W/P-working pressure, B/P=burst pressure

Get in touch with Polyflon to discuss your requirements. Call us on [+44 \(0\)1785 859 054](tel:+44201785859054) or email us at [info@polyflon.co.uk](mailto:info@polyflon.co.uk).