

PTFE Tubing

PTFE tubing is the most flexible of all fluoropolymer tubing offered. PTFE tubing has the broadest temperature range of any fluoropolymer and can resist highly corrosive liquids and gases even at elevated temperatures. The smooth surface finish and lowest coefficient of friction & lubricity make the tubing, pipe, or rod ideal for bushing or bearing applications.

Temperature

-410°F to 500°F

Features

- 100% virgin grade PTFE resins
- Most flexible fluoropolymer tubing as compared with: FEP, PFA, HP PFA, UHP PFA, ETFE, ECTFE
- Chemically inert and resistant to nearly all industrial chemicals and solvents
- Low permeability
- Smooth non-stick surface finish
- Lowest coefficient of friction
- Excellent electrical properties
- Non-flammable
- Non-toxic
- FDA compliant
- PTFE tubing is suitable for use with conventional fittings

Applications

- Laboratory
- Chemical process
- Analytical and process equipment
- Emissions monitoring
- Cryogenic
- High temperature
- Electrical
- Ozone

Packaging

- Continuous coils or pre-cut lengths
- Clean room packaging
- Colors and tracer stripes available

Certifications

- FDA 21 CFR 177.1550

Standard Wall Tubing

Part Number	ID Inch	OD Inch	Wall Inch	Bend Radius Inch	Max WP @ 72°F psig
RFPTFE-062-125	1/16	1/8	1/32	1/2	300
RFPTFE-125-250	1/8	1/4	1/16	1/2	310
RFPTFE-125-187	1/8	3/16	1/32	3/4	200
RFPTFE-156-250	5/32	1/4	.040	1	200
RFPTFE-170-250	.170	.250	.040	1	200
RFPTFE-187-312	3/16	5/16	1/16	CF	CF
RFPTFE-187-250	3/16	1/4	.030	1	150
RFPTFE-250-312	1/4	5/16	.030	1-3/4	257
RFPTFE-250-375	1/4	3/8	1/16	3/4	207
RFPTFE-312-375	5/16	3/8	1/32	CF	CF
RFPTFE-375-500	3/8	1/2	1/16	2-1/2	155
RFPTFE-437-500	7/16	1/2	1/32	6	75

Metric Size Tubing

RFPTFE-2MM-4MM	2mm	4mm	1mm	CF	CF
RFPTFE-4MM-6MM	4mm	6mm	1mm	1	208
RFPTFE-6MM-8MM	6mm	8mm	1mm	1.5	156
RFPTFE-8MM-10MM	8mm	10mm	1mm	2	125
RFPTFE-10MM-12MM	10mm	12mm	1mm	4	104

CF = Consult Factory