

Fluoropolymer Tubing - PFA



The PFA (perfluoroalkoxy) tubing range is available in 3 material grades offering 10 times longer than other fluoropolymer tubing service life under severe chemical and mechanical constraints. Compatible with all applications and extreme environments.

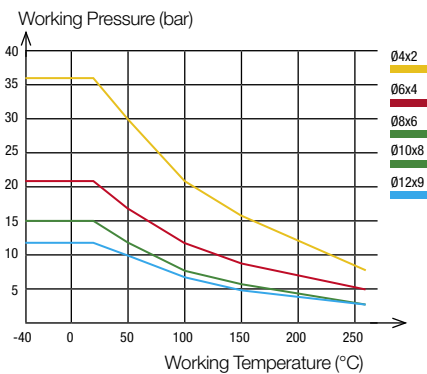
Ø metric:
4 to 12 mm

Technical Characteristics

- **Compatible Fluids:** Medical, bio-compatible, food process, gas, compressed air
- **Working Pressure:** Vacuum to 36 bar
- **Working Temperature:** Mini -40°C
Maxi +150°C with ferrules for severe conditions of use
- **Component Materials:** Perfluoroalkoxy - 55 Shore D
 - High Purity PFA
 - Translucent coloured PFA
 - Antistatic PFA

Reliable performance is dependent upon the type of fluid conveyed and fittings being used. Use is guaranteed with a vacuum of 755 mm Hg (99% vacuum).

Performance



To calculate burst pressure, the values in this graph should be multiplied by 3.

Advantages

- Exceptional mechanical resistance: an alternative to stainless steel tubes
- Exceptional chemical resistance: anti-adhesive, chemical inertia, low permeability, non-flammable, UV transparent

3 material grades

- PFA high purity clear: mechanical resistance under stress
- Translucent coloured PFA: identification of circuits
- Black antistatic PFA: no electrostatic discharge

Regulations

Medical:

- USP: Class VI

Food:

- FDA
- 1935/2004

Industrial:

- ULV94
- RoHS
- PED
- REACH

Tube O.D.

Tube O.D. Tolerance

4 to 8 mm

+0.10/-0.10

10 to 12 mm

+0.15/-0.15

Packaging

Tubepack®: 10 m, 50 m, 100 m

Connected to Parker Legris push-in fittings, the calibration of Parker Legris tubing ensures perfect sealing based on NF E49-100.

1050T..P Fluoropolymer (PFA) Tubing

Tubepack® 50 m

ØD ext.	ØD int.	R	clear	Crystal	Crystal	Crystal	Kg
4	2	12	1050T04P00	1050T04P12	1050T04P13	1050T04P14	0.435
6	4	34	1050T06P00	1050T06P12	1050T06P13	1050T06P14	1.185
8	6	60	1050T08P00	1050T08P12	1050T08P13	1050T08P14	2.050
10	8	95	1050T10P00				3.186
12	9	120	1050T12P00				5.692

Ø 10 mm and 12 mm: green, red and blue colours are available upon request, with minimum order quantity.

1100T..P Fluoropolymer (PFA) Tubing

Tubepack® 100 m

ØD ext.	ØD int.	R	clear	Kg
6	4	34	1100T06P00	3.485
8	6	60	1100T08P00	4.805
10	8	95	1100T10P00	7.230
12	9	120	1100T12P00	11.183

1010T..A Fluoropolymer (PFA) Antistatic Tubing

Tubepack® 10 m

ØD ext.	ØD int.	R		Kg
4	2	12	1010T04A01	0.243
6	4	34	1010T06A01	0.392
8	6	60	1010T08A01	0.549
10	8	95	1010T10A01	0.732