

Fluoropolymer Tubing – FEP

FEP (fluorinated ethylene propylene) tubing is a **robust engineering fluoropolymer** which provides excellent fluid visibility and is perfect for flow control monitoring.

Product Advantages

Flow Control | Transparent
Flexible and non-flammable material
Resistant to nearly all chemicals and solvents

Tried-&-Tested Properties | Excellent transmission of UV light
Low friction coefficient
Food-grade material
Low permeability
Easily weldable
Silicone-free



Instrumentation
Food Process
UV
Gas Sampling
Chemical
Temperature Cycling
Laboratory

Applications

Technical Characteristics

Compatible Fluids	Industrial fluids
Working Pressure	0 to 28 bar
Working Temperature	-40°C to +150°C
Component Materials	Fluorinated ethylene propylene (pure) (55 Shore D)

Regulations

Food

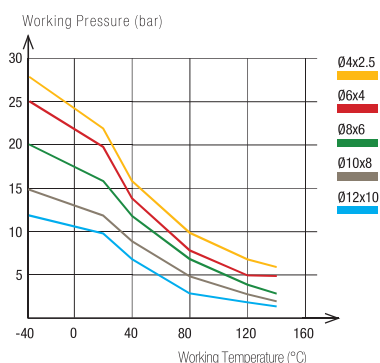
FDA: 21 CFR 177.1550
RG: 1935/2004

Industrial

UL94 V-0 (Fire resistance)
DI: 2002/95/EC (RoHS), 2011/65/EC
DI: 97/23/EC (PED)
RG: 1907/2006 (REACH)

Reliable performance is dependent upon the type of fluid conveyed and fittings being used.

Performance of FEP Tubing



Tube O.D.	Tube O.D. Tolerance
4 mm	+0.05 / -0.05
6 to 10 mm	+0.07 / -0.07
12 mm	+0.10 / -0.10




Packaging
Tubepack®: 5 m, 25 m

Connected to Parker Legris push-in fittings, the calibration of Parker Legris tubing ensures perfect sealing.

1005T

Fluoropolymer (FEP) Tubing




Tubepack® 5 m

Ø ext. (mm)	Ø int. (mm)		  clear	kg
4	2.5	40	1005T04 00 25	0.155
6	4	50	1005T06 00	0.250
8	6	70	1005T08 00	0.385
10	8	120	1005T10 00	0.524
12	10	180	1005T12 00	0.547

1025T

Fluoropolymer (FEP) Tubing

Tubepack® 25 m

Ø ext. (mm)	Ø int. (mm)		  clear	kg
4	2.5	40	1025T04 00 25	0.506
6	4	50	1025T06 00	1.025
8	6	70	1025T08 00	1.431
10	8	120	1025T10 00	1.693
12	10	180	1025T12 00	1.913

Flexible Calibrated Tubing

Technical Tubing
and Hose

Related Products

Parker Legris stainless steel fittings are perfectly suited for use with fluoropolymer tubing (PFA, FEP).

Push-In Fittings

[LF 3800](#) P. 1-77



[LF 3900](#) P. 1-77



Compression Fittings

[Stainless Steel](#) P. 5-31

