

# 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

<b>Compatible Fluids</b>	Industrial fluids
<b>Working Pressure</b>	0 to 28 bar
<b>Working Temperature</b>	-40°C to +150°C
<b>Component Materials</b>	Fluorinated ethylene propylene (pure)

### Regulations

#### Food

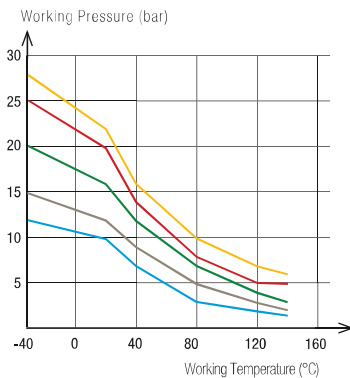
FDA: 21 CFR 177.1550  
RG: 1935/2004

#### 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

Tube pack\*: 5 m, 25 m, 100 m

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



## 1005T Fluoropolymer (FEP) Tubing

Tubepack® 5 m

O.D. (mm)	I.D. (mm)		 Clear	kg
4	2,5	40	<a href="#">1005T04 00 25</a>	0.155
6	4	50	<a href="#">1005T06 00</a>	0.250
8	6	70	<a href="#">1005T08 00</a>	0.385
10	8	120	<a href="#">1005T10 00</a>	0.524
12	10	180	<a href="#">1005T12 00</a>	0.547

## 1025T Fluoropolymer (FEP) Tubing

Tubepack® 25 m

O.D. (mm)	I.D. (mm)		 Clear	kg
4	2,5	40	<a href="#">1025T04 00 25</a>	0.506
6	4	50	<a href="#">1025T06 00</a>	1.025
8	6	70	<a href="#">1025T08 00</a>	1.431
10	8	120	<a href="#">1025T10 00</a>	1.693
12	10	180	<a href="#">1025T12 00</a>	1.913

Flexible Calibrated Tubing

Technical Tubing & 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

