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

Applications
- Instrumentation
- Food Process
- UV
- Gas Sampling
- Chemical
- Temperature Cycling
- Laboratory

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)

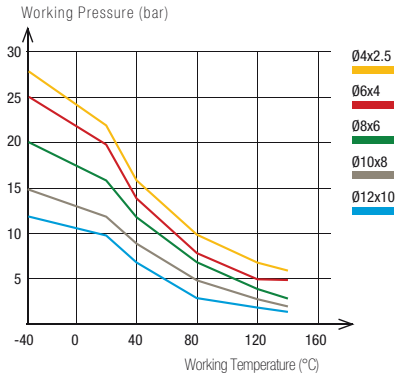
Reliable performance is dependent upon the type of fluid conveyed and fittings being used.

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)

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

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

Packaging
Tubepack®: 5 m, 25 m, 100 m