

# technical tubes and hoses

## close tolerance fluoropolymer FEP 140 tube



Legris fluoropolymer tube FEP 140 is food quality and provides excellent resistance to aggressive and corrosive agents and to high temperatures. It has a surface hardness of 55° shore D.

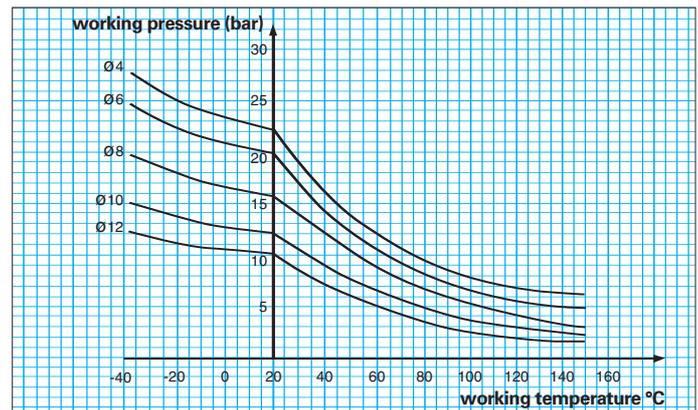
O.D. of tube	Tolerances on O.D.	
4 mm	+0,05	-0,05
6 to 10 mm	+0,07	-0,07
12 mm	+0,10	-0,10

Connected to Legris instant fittings, the calibration of Legris FEP 140 tube ensures perfect sealing.

Technical characteristics of Legris fluoropolymer FEP 140 tube also depend on the type of connection used.

### Pressure and temperature resistance of Legris FEP 140 tube

In the graph below, each curve represents the acceptable maximum pressure at a given temperature, by diameter.  
example : fluoropolymer tube, Ø 6 mm , at 20°C,  
maximum pressure = 20 bar



to calculate **burst pressure**, the values in the above graph should be multiplied x 3

## 1005T-1025T fluoropolymer FEP 140 tube

o.d. tube mm	i.d. tube mm	R minimum bend radius for tube at 20°C (in mm)	in 5 m rolls white		in 25 m rolls white	
					per 5 m	
4	2,5	40	1005T04 00 25	0,155	1025T04 00 25	0,506
6	4	50	1005T06 00	0,250	1025T06 00	1,027
8	6	70	1005T08 00	0,385	1025T08 00	1,431
10	8	120	1005T10 00	0,524	1025T10 00	1,693
12	10	180	1005T12 00	0,547	1025T12 00	1,913

 = suitable for food applications

#### main advantages of Legris fluoropolymer FEP 140 tube

- excellent resistance to chemicals and high temperature
- FDA approved (food quality)
- good abrasion resistance
- excellent UV resistance
- delivered in tubepack® boxes for protection