

Polyethylene Tubing *(for general purpose or weak acids)*

⇒ Suitable with integral or double sleeve JACO fittings



Description: Low Dens. Polyeth. Tubing for general use or low aggressive fluids.
 Operating temperatures ranging from -10 C° to $+60\text{ C}^{\circ}$.
 (See herebelow derating Temp. Table)
 Supplied in 100 mts coils up to 16mm OD, or 50 mts coils for higher Diameters.
Colours: natural; Black. Upon request: red; yellow; green; blue

Operating Pressure- Diameters Table

- Pressure derating factor versus temperature:
 20° (100%) / 30° (83%) / 40° (72%) / 50° (64%) / 60° (57%)
- ⇒ Other diameters (higher or smaller) available upon request

Metric sizes			Inch sizes			
Diam. (mm)	Oper. Press. 20 C°(bar)	Bending Rad. (mm)	Nominal	Diam. (mm)	Oper. Press. 20 C°(bar)	Bending Rad. (mm)
6 x 4	13	30	1/4	6,35 x 4,35	12	30
8 x 6	9	40				
10 x 8	7	60	3/8	9,5 x 6,35	13	50
12 x 10	6	80	1/2	12,7 x 9,5	9	65
16 x 12	9	100	5/8	16 x 12	9	100

PVDF Tubing / KYNAR® (For aggressive chemicals)

⇒ Suitable with integral or double sleeve JACO fittings



Description: Tubing **KYNAR PVDF (Polyvinylidene fluoride)** is strongly suitable with acid fluids (Hydrochloric Acid or Sulphuric acid). It is a valid and cheaper alternative to Teflon PTFE.

Good aging resistance Good impermeability with gases.

Operating temperatures ranging from -20 C° to $+80\text{ C}^{\circ}$.

(See herebelow derating Temp. Table)

Supplied in 100 mts coils up to 12mm OD, or 50 mts coils for higher Diameters.

Colours: natural; Black.

Operating Pressure- Diameters Table

- Pressure derating factor versus temperature:

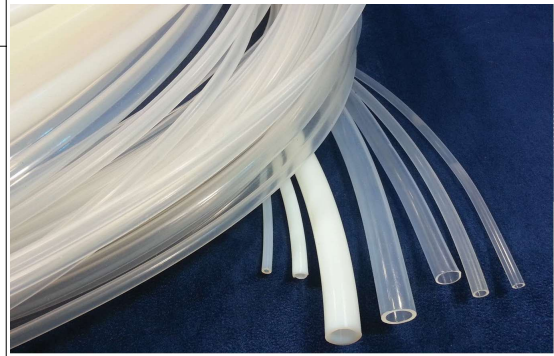
20° (100%) / 40° (75%) / 60° (60%) / 80° (50%)

⇒ Other diameters (higher or smaller) available upon request

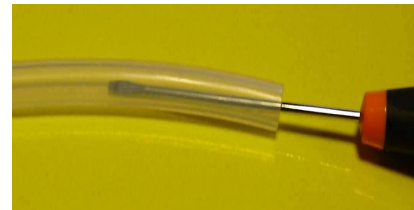
Metric sizes			Inch sizes			
Diam. (mm)	Oper. Press. 20 C°(bar)	Bending Rad. (mm)	Nominal	Diam. (mm)	Oper. Press. 20 C°(bar)	Bending Rad. (mm)
6 x 4	33	35	1/4	6,35 x 3,17	55	40
8 x 6	24	40				
10 x 8	19	60	3/8	9,5 x 6,35	33	80
12 x 10	15	85	1/2	12,7 x 9,5	24	95
16 x 13	17	86	5/8	16 x 13	17	100
22 x 18	17	200	7/8	22 x 18	17	200

Tubing PTFE / PFA (Teflon) *(for very aggressive fluids)*

> Suitable with double sleeve JACO fittings



Description: Teflon PTFE (politetrafluoroeth.) is the most popular fluorine Polymer. Has excellent resistance to acids and bases, even at higher temperatures. Can work also at low Temp. up to -40 C°. Inert to Oxygen, Ozone and UV Rays. An antistatic version is specifically suitable in Textyle Industry or Painting (with powder). Teflon FEP o PFA has great impermeability to most of gases and is transparent like glass. Particularly suggested to get retractile coils even at high temperatures.



Operating Pressure- Diameters Table

- Pressure derating factor versus temp: 20°(100%) / 50°(85%) / 100°(65%) /150° (50%)

Metric sizes (PTFE)				Inch Sizes (PTFE)				
Diam.(mm)	Burst Press. Bar 25°	Work.Press Bar 25°	Bend Rad. mm	Nominal	Diam. (mm)	Burst Press. Bar 25°	Work.Press Bar 25°	Bend Rad. mm
6 x 4	40	13	36	1/8	3,20 x 1,5	100	30	12
8 x 6	30	10	64	1/4	6,35 x 4,35	60	20	40
				1/4	6,35 x 3,18	90	30	30
10 x 8	24	8	100	3/8	9,5 x 6,35	60	20	60
12 x 10	20	7	144	1/2	12,7 x 9,5	40	13	100
16 x 14	15	5	256	5/8	Vedi 16 x 14 mm			
19 x 16	25	8	240	3/4	3/4 x 5/8	Vedi 19 x 16mm		