

PE Tubing



The polyethylene tubing exists in 2 grades: low-density PE or "Advanced PE" 50% reticulated. Intended for food processing or fluid transmission applications, PE tubings are safe for users' health.

Ø metric:
4 to 16 mm

Technical Characteristics		
Tube	Advanced PE	Low Density PE
Compatible Fluids	Water, beverages and other fluids	Industrial fluids
Working Pressure	Vacuum to 16 bar	Vacuum to 20 bar
Working Temperature	-40°C to +95°C	-40°C to +60°C
Component Materials	High quality polyethylene: 50% reticulated PE 50% low density PE (53 shore D)	Low Density Polyethylene (44 shore D)

Reliable performance is dependent upon the type of fluid conveyed and fittings being used. Use is guaranteed with a vacuum of 755 mm Hg (99% vacuum).

Regulations

Advanced PE Tubing:

- FDA: 21CFR 177.1520
- 1935/2004/EC
- NSF 51
- NSF 61 C-HOT
- RoHS
- PED

Low Density PE Tubing:

- FDA: 21CFR 177.1520
- RoHS
- PED

Advantages

Advanced PE

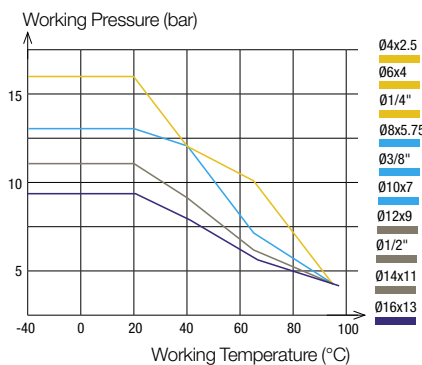
- Approved for contact with beverages and food products
- Resistant to a wide range of chemicals and cleaning products
- Excellent compromise between bending radius and pressure/temperature resistance

Low Density PE

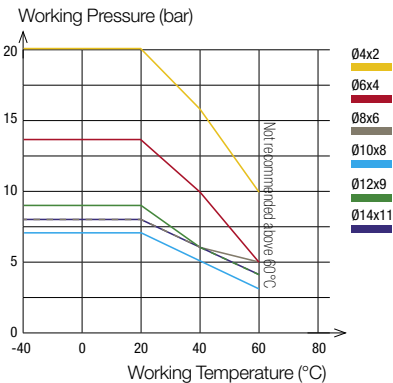
- Food grade material
- Resistance to corrosive and aggressive agents

Performance

Advanced PE Tubing



Low Density PE Tubing



Tube O.D.	Tube O.D. Tolerance
1/4" to 1/2"	+0.10 / -0.10
4 to 16 mm	+0.10 / -0.10

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

Packaging

Advanced PE Tubing
Drum: 75 m, 150 m, 300 m, 250 feet, 500 feet
PE Tubing
Tubepack®: 100 m

1015Y..F Advanced Polyethylene (APE) Tubing

Drum 150 m

ØD ext.	ØD int.	CR	clear	black	green	red	blue	white	Kg
6	4	32	1015Y06F00	1015Y06F01			1015Y06F04		5.434
8	5.75	40	1015Y08F00	1015Y08F01	1015Y08F02	1015Y08F03	1015Y08F04	1015Y08F10	3.279
10	7	40	1015Y10F00	1015Y10F01	1015Y10F02	1015Y10F03	1015Y10F04	1015Y10F10	5.318

1030Y..F Advanced Polyethylene (APE) Tubing

Drum 300 m

ØD ext.	ØD int.	CR	clear	black	red	blue	white	Kg
4	2.5	16	1030Y04F00	1030Y04F01				2.860
6	4	32	1030Y06F00	1030Y06F01	1030Y06F03	1030Y06F04	1030Y06F10	4.424