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**
- **NSF 42/58**
- **NSF 51**
- **NSF 61 C-HOT**
- **ACS**
- **WRAS**
- **KTW**
- **W270**
- **PED**
- **RoHS**
- **DM174**

Low Density PE Tubing:
- **FDA: 21CFR 177.1520**
- **RoHS**
- **PED**

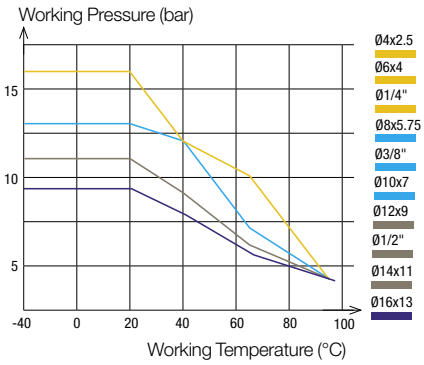
Advantages

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

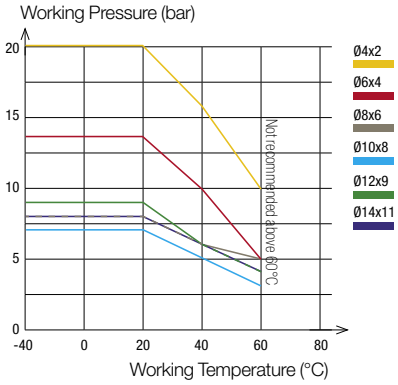
Low Density PE
- Food grade material
- Resistance to corrosive and aggressive agents

Performance

Advanced PE Tubing



Low Density PE Tubing



To calculate burst pressure, the values in these graphs should be multiplied by 3.

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.	R	clear					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.	R	clear					white	Kg
4	2.5	16	1030Y04F00	1030Y04F01					2.860
6	4	32	1030Y06F00	1030Y06F01	1030Y06F02	1030Y06F03	1030Y06F04	1030Y06F10	4.424

1075Y..F Advanced Polyethylene (APE) Tubing — Drum 75 m

ØD ext.	ØD int.	R	clear					white	Kg
12	9	55	1075Y12F00	1075Y12F01	1075Y12F02	1075Y12F03	1075Y12F04	1075Y12F10	3.852
14	11	75	1075Y14F00		1075Y14F02				5.850
16	13	90	1075Y16F00						7.750

1096Y..F Advanced Polyethylene (APE) Tubing — Drum 250 ft

ØD ext.	ØD int.	R	clear			Kg
1/2	0.375	1.96	1096Y62F00	1096Y62F01	1096Y62F04	4.200

1098Y..F Advanced Polyethylene (APE) Tubing — Drum 500 ft

ØD ext.	ØD int.	R	clear				Kg
1/4	0.170	0.78	1098Y56F00	1098Y56F01	1098Y56F03	1098Y56F04	2.334
3/8	0.250	1.18	1098Y60F00	1098Y60F01		1098Y60F04	5.518

1100Y Low Density Advanced Polyethylene Tubing — Tubepack® 100 m

ØD ext.	ØD int.	R	clear	Kg
4	2	25	1100Y04 00	0.910
6	4	35	1100Y06 00	1.500
8	6	55	1100Y08 00	2.140
10	8	80	1100Y10 00	2.710
12	9	65	1100Y12 00	4.750
14	11	80	1100Y14 00	5.650