

Parker Legris offers polyethylene tubing: **"Advanced PE" 50% reticulated**. Our range of "Advanced PE" is designed for demanding environments, especially that of water treatment, without compromising operator **safety**.

Product Advantages

Advanced PE	50% reticulated material
	Best balance between flexibility and pressure/temperature resistance
	Resistant to a wide range of aggressive chemicals
	UV-stabilised: ideal for outdoor applications
	Approved for permanent contact with food and beverages
	Silicone-free
	Halogen-free



Applications

- Beverage
- Chemical
- Petrochemical
- Food Process
- Water
- Water Treatment

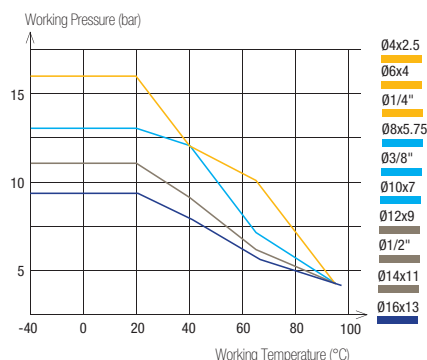
Technical Characteristics

Compatible Fluids	Water, beverages and other fluids
Working Pressure	Vacuum to 16 bar
Working Temperature	-40°C to +95°C
Component Materials	High quality polyethylene: 50% reticulated PE 50% low density PE (53 shore D)

Regulations
Advanced PE Tubing FDA: 21 CFR 177.1520 RG: 1935/2004/EC DI: 97/23/EC (PED) DI: 2002/95/EC (RoHS), 2011/65/EC NSF 42/58 (1/4" and 3/8" approved for 10 bar and 1/2" approved for 8 bar at room temperature) NSF 51, 61 C-HOT ACS (except for purple colour) WRAS KTW RG: 1907/2006 (REACH)

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).

Tubing Performance



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, 1 000 feet

PE Tubing
Tubepack®: 100 m

1015Y..F

Advanced Polyethylene (APE) Tubing









Drum 150 m

Ø ext. (mm)	Ø int. (mm)		 clear						 white	kg
4	2.5	16	1015Y04F00	1015Y04F01	1015Y04F02	1015Y04F03	1015Y04F04	1015Y04F05	1015Y04F10	4.914
6	4	32	1015Y06F00	1015Y06F01	1015Y06F02	1015Y06F03	1015Y06F04	1015Y06F05	1015Y06F10	5.434
8	5.75	40	1015Y08F00	1015Y08F01	1015Y08F02	1015Y08F03	1015Y08F04	1015Y08F05	1015Y08F10	3.279
10	7	40	1015Y10F00	1015Y10F01	1015Y10F02	1015Y10F03	1015Y10F04	1015Y10F05	1015Y10F10	5.318

1030Y..F

Advanced Polyethylene (APE) Tubing









Drum 300 m

Ø ext. (mm)	Ø int. (mm)		 clear						 white	kg
4	2.5	16	1030Y04F00	1030Y04F01	1030Y04F02	1030Y04F03	1030Y04F04	1030Y04F05	1030Y04F10	2.860
6	4	32	1030Y06F00	1030Y06F01	1030Y06F02	1030Y06F03	1030Y06F04	1030Y06F05	1030Y06F10	5.318

1075Y..F

Advanced Polyethylene (APE) Tubing









Drum 75 m

Ø ext. (mm)	Ø int. (mm)		 clear						 white	kg
12	9	55	1075Y12F00	1075Y12F01	1075Y12F02	1075Y12F03	1075Y12F04	1075Y12F05	1075Y12F10	3.852
14	11	75	1075Y14F00							5.850
16	13	95	1075Y16F00							7.550

1096Y..F

Advanced Polyethylene (APE) Tubing









Drum 250 ft

Ø ext. (inch)	Ø int. (inch)		 clear						 white	kg
1/2	0.375	1.96	1096Y62F00	1096Y62F01	1096Y62F02	1096Y62F03	1096Y62F04	1096Y62F05	1096Y62F10	4.200

1098Y..F

Advanced Polyethylene (APE) Tubing









Drum 500 ft

Ø ext. (inch)	Ø int. (inch)		 clear						 white	kg
1/4	0.170	0.78	1098Y56F00	1098Y56F01	1098Y56F02	1098Y56F03	1098Y56F04	1098Y56F05	1098Y56F10	2.334
3/8	0.250	1.18	1098Y60F00	1098Y60F01	1098Y60F02	1098Y60F03	1098Y60F04	1098Y60F05	1098Y60F10	5.518

1099Y..F

Advanced Polyethylene (APE) Tubing

Drum 1000 ft

Ø ext. (inch)	Ø int. (inch)		 clear						 white	kg
1/4	0.170	0.78	1099Y56F00	1099Y56F01	1099Y56F02	1099Y56F03	1099Y56F04	1099Y56F05	1099Y56F10	4.718