

Parker Product Datasheet



Parker Legris offers two types of polyethylene tubing: 'Advanced PE' 50% reticulated and Low Density PE.

Our range of 'Advanced PE' is designed for demanding environments, especially that of water treatment, without compromising operator safety.

PART NUMBER: 1096Y62F00

TUBE O.D. (MM): na

TUBE I.D. (MM): na

TUBE O.D. (INCH): 1/2

COLOR: NATURAL

LENGTH (M): na

TUBE I.D. (INCH): 0,375

LENGTH (INCH): 250

PRODUCT OVERVIEW

Parker Legris offers two types of polyethylene tubing: 'Advanced PE' 50% reticulated and Low Density PE.

Our range of 'Advanced PE' is designed for demanding environments, especially that of water treatment, without compromising operator safety.

Features/Benefits:

- Advanced PE

- 50% reticulated material
- Best balance between flexibility and pressure/temperature resistance
- Resistant to a wide range of aggressive chemicals
- Approved for contact with food and beverages
- Silicone-free

- Low Density PE

- Excellent resistance to aggressive and corrosive agents
- Good technical trade-off
- Food-grade material
- Silicone-free

Markets:

- Food and Beverage
- Industrial Chemical Processing
- Oil and Gas
- Water

Applications:

- Aggressive Fluids Conveying
- Applications Subjected to Intensive Cleaning
- Thermal Management

Technologies:

- PE Tubing
- Polyethylene Tubing
- Advanced PE
- Industrial Tubing

Technical Characteristics:

Fluids:

- Advanced PE: Water, beverages and other fluids
- Low Density PE: Industrial fluids

Materials:

- Advanced PE: High quality polyethylene: 50% reticulated PE, 50% low density PE (44 shore D)
- Low Density PE: Low Density Polyethylene (44 shore D)

Pressure:

- Advanced PE: Vacuum to 16 bar
- Low Density PE: Vacuum to 20 bar

Temperature:

- Advanced PE: -40°C to +95°C
- Low Density PE: -40°C to +60°C

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 51
- RG: 1907/2006 (REACH)

Low Density PE Tubing

- FDA: 21 CFR 177.1520
- DI: 2002/95/EC (RoHS), 2011/65/EC
- DI: 97/23/EC (PED)

TECH SPECIFICATIONS

VACUUM PRESSURE RATING	755 mm-Hg
APPLICATION	Water Treatment
WEIGHT	5.9 kg/package
MINIMUM OPERATING TEMPERATURE	-40 °C
MEDIA	Beverages (Advanced PE)
DIVISION	Low Pressure Connectors Europe Division
MEDIA	Other Fluids (Advanced PE)
MEDIA	Water (Advanced PE)
SPECIFICATIONS MET	RoHS 2011/65/EC (Advanced PE Tubing)
SPECIFICATIONS MET	NSF 61 C-HOT (Advanced PE Tubing)
MEDIA	Industrial Fluids (Low density PE)
SPECIFICATIONS MET	NSF 51 (Advanced PE Tubing)
MAXIMUM OPERATING PRESSURE	16 barg
SPECIFICATIONS MET	RG: 1935/2004/EC (Advanced PE Tubing)
APPLICATION	Chemicals
SPECIFICATIONS MET	PED 97/23/EC (Advanced PE Tubing)
APPLICATION	Water
APPLICATION	Petrochemicals
MAXIMUM OPERATING TEMPERATURE	95 °C
SPECIFICATIONS MET	RoHS 2002/95/EC (Advanced PE Tubing)
APPLICATION	Food Processing
APPLICATION	Beverage
SPECIFICATIONS MET	FDA 21 CFR 177.1520 (Advanced PE Tubing)
NUMBER OF TUBES	1