

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: 1098Y56F01

COLOR: BLACK

LENGTH (M): na

LENGTH (INCH): 500

TUBE I.D. (MM): na

TUBE O.D. (MM): na

TUBE O.D. (INCH): 1/4

TUBE I.D. (INCH): 0,170

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

MAXIMUM OPERATING TEMPERATURE	95 °C
DIVISION	Low Pressure Connectors Europe Division
MAXIMUM OPERATING PRESSURE	16 barg
MINIMUM OPERATING TEMPERATURE	-40 °C
SPECIFICATIONS MET	FDA 21 CFR 177.1520 (Advanced PE Tubing)
SPECIFICATIONS MET	NSF 51 (Advanced PE Tubing)
SPECIFICATIONS MET	NSF 61 C-HOT (Advanced PE Tubing)
SPECIFICATIONS MET	RoHS 2002/95/EC (Advanced PE Tubing)
SPECIFICATIONS MET	RoHS 2011/65/EC (Advanced PE Tubing)
SPECIFICATIONS MET	RG: 1935/2004/EC (Advanced PE Tubing)
SPECIFICATIONS MET	PED 97/23/EC (Advanced PE Tubing)
MEDIA	Other Fluids (Advanced PE)
MEDIA	Water (Advanced PE)
MEDIA	Beverages (Advanced PE)
MEDIA	Industrial Fluids (Low density PE)
APPLICATION	Chemicals
APPLICATION	Food Processing
APPLICATION	Petrochemicals
APPLICATION	Water Treatment
APPLICATION	Water
APPLICATION	Beverage
VACUUM PRESSURE RATING	755 mm-Hg
WEIGHT	3.3 kg/package
NUMBER OF TUBES	1