

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: 1025Y60 00

TUBE I.D. (INCH): 0,25

LENGTH (INCH): na

COLOR: CLEAR

TUBE O.D. (INCH): 3/8

LENGTH (M): 25.0

TUBE I.D. (MM): na

TUBE O.D. (MM): na

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

MEDIA	Industrial Fluids (Low density PE)
VACUUM PRESSURE RATING	755.0 mm-Hg
SPECIFICATIONS MET	REACH
DIVISION	Low Pressure Connectors Europe Division
WEIGHT	0.760 kg/package
MEDIA	Other Fluids (Advanced PE)
TUBE MATERIAL	Polyethylene (PE) Low Density, FDA
APPLICATION	Food Processing
APPLICATION	Water Treatment
APPLICATION	Petrochemicals
APPLICATION	Chemicals
APPLICATION	Water
APPLICATION	Beverage
SPECIFICATIONS MET	FDA
VACUUM PRESSURE RATING	755 mm-Hg
MAXIMUM OPERATING TEMPERATURE	60 °C
MEDIA	Beverages (Advanced PE)
NUMBER OF TUBES	1
SPECIFICATIONS MET	RoHS
NUMBER OF TUBES	1.0
MINIMUM OPERATING TEMPERATURE	-40 °C
MEDIA	Water (Advanced PE)
MAXIMUM OPERATING PRESSURE	20 barg