

# 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:** 1015Y06F04

**COLOR:** BLUE

**LENGTH (M):** 150

**LENGTH (INCH):** na

**TUBE I.D. (MM):** 4

**TUBE O.D. (MM):** 6

**TUBE O.D. (INCH):** na

**TUBE I.D. (INCH):** 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

|                                      |                                          |
|--------------------------------------|------------------------------------------|
| <b>MAXIMUM OPERATING TEMPERATURE</b> | 95 °C                                    |
| <b>DIVISION</b>                      | Low Pressure Connectors Europe Division  |
| <b>MAXIMUM OPERATING PRESSURE</b>    | 16 barg                                  |
| <b>MINIMUM OPERATING TEMPERATURE</b> | -40 °C                                   |
| <b>SPECIFICATIONS MET</b>            | RoHS 2002/95/EC (Advanced PE Tubing)     |
| <b>SPECIFICATIONS MET</b>            | FDA 21 CFR 177.1520 (Advanced PE Tubing) |
| <b>SPECIFICATIONS MET</b>            | NSF 51 (Advanced PE Tubing)              |
| <b>SPECIFICATIONS MET</b>            | RG: 1935/2004/EC (Advanced PE Tubing)    |
| <b>SPECIFICATIONS MET</b>            | PED 97/23/EC (Advanced PE Tubing)        |
| <b>SPECIFICATIONS MET</b>            | NSF 61 C-HOT (Advanced PE Tubing)        |
| <b>SPECIFICATIONS MET</b>            | RoHS 2011/65/EC (Advanced PE Tubing)     |
| <b>MEDIA</b>                         | Beverages (Advanced PE)                  |
| <b>MEDIA</b>                         | Industrial Fluids (Low density PE)       |
| <b>MEDIA</b>                         | Water (Advanced PE)                      |
| <b>MEDIA</b>                         | Other Fluids (Advanced PE)               |
| <b>APPLICATION</b>                   | Food Processing                          |
| <b>APPLICATION</b>                   | Petrochemicals                           |
| <b>APPLICATION</b>                   | Beverage                                 |
| <b>APPLICATION</b>                   | Water Treatment                          |
| <b>APPLICATION</b>                   | Chemicals                                |
| <b>APPLICATION</b>                   | Water                                    |
| <b>VACUUM PRESSURE RATING</b>        | 755 mm-Hg                                |
| <b>WEIGHT</b>                        | 2.58 kg/package                          |
| <b>NUMBER OF TUBES</b>               | 1                                        |