

# Parker Product Datasheet



Parker Legris PFA tubing offers 10 times greater durability than other fluoropolymer tubings under severe chemical and mechanical conditions. This tubing range is available in three material grades, offering perfect compatibility with all applications.

**PART NUMBER:** 1050T08P14  
**TUBE I.D. (MM):** 6  
**LENGTH (M):** 50  
**TUBE O.D. (MM):** 8  
**COLOR:** BLUE CRYSTAL  
**TUBING MATERIAL:** PFA COLOURED

## PRODUCT OVERVIEW

Parker Legris PFA tubing offers 10 times greater durability than other fluoropolymer tubings under severe chemical and mechanical conditions. This tubing range is available in three material grades, offering perfect compatibility with all applications.

Features/Benefits:

- Great Versatility

- Exceptional chemical inertia

- A flexible alternative to stainless steel tubing
- Broad range of working temperatures, from cryogenic to extreme heat
- Non-stick properties allowing conveyance of many fluids & gases
- Outstanding resistance to ageing
- Fluoropolymer with the lowest permeability
- Non-flammable
- UV-transparent
- Tube marking on request
- Silicone-free

#### - Three Material Grades

- Clear PFA: to cover all applications, including those requiring maximum mechanical resistance
- Colored PFA: for circuit identification
- Black Antistatic PFA: eliminates all risk of electrostatic discharge

#### Markets:

- Food and Beverage
- Power Generation Equipment
- Aircraft
- Pharmaceutical
- Medical
- Oil and Gas

## Applications:

- Applications Subjected to Severe Mechanical and Chemical Conditions
- Medical Fluids Conveying
- Gas and Compressed Air Conveying
- Applications Requiring Very Low and High Temperature
- Fire Hazard Zones
- Applications Subjected to Intensive Cleaning
- Suitable for Fuel Cells and Clean Rooms
- Thermal Management

## Technologies:

- Fluoropolymer Tubing
- PFA Tubing
- Perfluoro alkoxy Tubing
- Anti Static Tubing
- Industrial Tubing

# TECH SPECIFICATIONS

## SPECIFICATIONS MET

RoHS 2002/95/EC, 2011/65/EC (Industrial)

## APPLICATION

Chemicals

## APPLICATION

Oil & Gas

|                                      |                                                             |
|--------------------------------------|-------------------------------------------------------------|
| <b>MAXIMUM OPERATING PRESSURE</b>    | 33 bar                                                      |
| <b>SPECIFICATIONS MET</b>            | REACH 1907/2006 (Industrial)                                |
| <b>APPLICATION</b>                   | Clean Rooms                                                 |
| <b>SPECIFICATIONS MET</b>            | PED 97/23/EC (Industrial)                                   |
| <b>APPLICATION</b>                   | Medical                                                     |
| <b>APPLICATION</b>                   | Aircraft                                                    |
| <b>APPLICATION</b>                   | Pharmaceutical                                              |
| <b>VACUUM PRESSURE RATING</b>        | 755 mm-Hg                                                   |
| <b>MEDIA</b>                         | Industrial Gases                                            |
| <b>SPECIFICATIONS MET</b>            | FDA 21 CFR 177.1550 (clear)                                 |
| <b>WEIGHT</b>                        | 2.46 kg/package                                             |
| <b>MEDIA</b>                         | Compressed Air                                              |
| <b>MEDIA</b>                         | Food & Beverage                                             |
| <b>SPECIFICATIONS MET</b>            | UL 94 V-0 (Fire Resistance, Industrial)                     |
| <b>DIVISION</b>                      | Low Pressure Connectors Europe Division                     |
| <b>SPECIFICATIONS MET</b>            | USP Class VI (A). Medical: External Communication Devices   |
| <b>APPLICATION</b>                   | Food Processing                                             |
| <b>MINIMUM OPERATING TEMPERATURE</b> | -40 °C                                                      |
| <b>MAXIMUM OPERATING TEMPERATURE</b> | 150 °C See the Graph "Working Pressure/Working Temperature" |
| <b>MEDIA</b>                         | Medical Fluids                                              |