

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: 1050T10P00
LENGTH (M): 50
TUBE I.D. (MM): 8
TUBE O.D. (MM): 10
TUBING MATERIAL: PFA CLEAR
COLOR: NATURAL

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

MAXIMUM OPERATING PRESSURE 33 bar

MINIMUM OPERATING TEMPERATURE -40 °C

APPLICATION Aircraft

APPLICATION	Food Processing
SPECIFICATIONS MET	RoHS 2002/95/EC, 2011/65/EC (Industrial)
APPLICATION	Medical
SPECIFICATIONS MET	REACH 1907/2006 (Industrial)
APPLICATION	Chemicals
SPECIFICATIONS MET	PED 97/23/EC (Industrial)
SPECIFICATIONS MET	FDA 21 CFR 177.1550 (clear)
MAXIMUM OPERATING TEMPERATURE	150 °C See the Graph “Working Pressure/Working Temperature”
SPECIFICATIONS MET	UL 94 V-0 (Fire Resistance, Industrial)
MEDIA	Compressed Air
MEDIA	Industrial Gases
SPECIFICATIONS MET	USP Class VI (A). Medical: External Communication Devices
DIVISION	Low Pressure Connectors Europe Division
MEDIA	Food & Beverage
WEIGHT	2.935 kg/package
VACUUM PRESSURE RATING	755 mm-Hg
APPLICATION	Pharmaceutical
APPLICATION	Clean Rooms
APPLICATION	Oil & Gas
MEDIA	Medical Fluids