

Parker Product Datasheet



FEP (fluorinated ethylene propylene) tubing is a robust engineering fluoropolymer which provides excellent fluid visibility and is perfect for flow control monitoring.

PART NUMBER: 1100T08 00

LENGTH (M): 100.0

TUBE O.D. (MM): 8.0

TUBE I.D. (MM): 6.0

PRODUCT OVERVIEW

FEP (fluorinated ethylene propylene) tubing is a robust engineering fluoropolymer which provides excellent fluid visibility and is perfect for flow control monitoring.

Features/Benefits:

- Flow Control Transparent
- Flexible and non-flammable material
- Resistant to nearly all chemicals and solvents

- Tried-&-Tested Properties

- Excellent transmission of UV light
- Low friction coefficient
- Food-grade material
- Low permeability
- Easily weldable
- Silicone-free

Markets:

- Food and Beverage
- Lab / Diagnostic
- Industrial Chemical Processing
- Oil and Gas

Applications:

- Aggressive Fluids Conveying
- Applications Requiring High Temperature
- Fire Hazard Zones
- Applications Subjected to Intensive Cleaning
- Thermal Management

Technologies:

- Fluoropolymer Tubing
- FEP Tubing
- Fluorinated Ethylene Propylene
- Fluorinated Ethylene Propylene Tubing
- Industrial Tubing

Technical Characteristics:

- Fluids: Industrial fluids
- Materials: Fluorinated ethylene propylene (pure)
- Pressure: 0 to 28 bar
- Temperature: -40°C to +150°C

Regulations:

Food

- FDA: 21 CFR 177.1550
- RG: 1935/2004

Industrial

- UL94 V-0 (Fire resistance)
- DI: 2002/95/EC (RoHS), 2011/65/EC
- DI: 97/23/EC (PED)

- RG: 1907/2006 (REACH)

Product Types:

- Fluoropolymer (FEP) Tubing

TECH SPECIFICATIONS

SPECIFICATIONS MET	REACH 1907/2006 (Industrial)
APPLICATION	Chemicals
APPLICATION	Food Processing
APPLICATION	Laboratory
SPECIFICATIONS MET	RG: 1935/2004
SPECIFICATIONS MET	PED 97/23/EC (Industrial)
SPECIFICATIONS MET	RoHS 2002/95/EC, 2011/65/EC (Industrial)
APPLICATION	UV
APPLICATION	Thermal Cycling
APPLICATION	Gas Sampling
TUBE MATERIAL	Fluorinated Ethylene Propylene (FEP) 140
COLOR	Natural
DIVISION	Low Pressure Connectors Europe Division
APPLICATION	Instrumentation
MAXIMUM OPERATING TEMPERATURE	150 °C
SPECIFICATIONS MET	FDA 21 CFR 177.1550
MEDIA	Industrial Fluids
MAXIMUM OPERATING PRESSURE	28.0 barg

SPECIFICATIONS MET	UL 94 V-0 (Fire Resistance, Industrial)
NUMBER OF TUBES	1.0
WEIGHT	4.91 kg/package
MINIMUM OPERATING TEMPERATURE	-40 °C