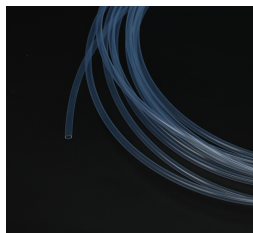


FEP/PFA TUBING

FEP/PFA

● Overview

Name	Fire Resistance Rating	Application	Working Temperature
FEP PFA	VW-1	Widely used in fields such as military industry, electrical electronics, high-speed rail, new energy vehicles, power, aerospace, food and medical industries.	-80°C to 200°C



Key Properties:

- Fluoropolymer tubing.
- High environmental protection grade.
- Complies with ROHS, REACH, and FDA requirements.
- Meets VW-1 flame resistance requirements.
- Great chemical-resistant.
- Superior wear resistance and high transparency.

● Specifications

Item	Value
Color	Clear
Melting Point ()	260-270
Working Temperature Range (°C)	-80 to 200
Melt Flow Index (g/10min)	4-8
Density	2.15
Corrosivity to Bare Copper	No corrosion
Antibacterial & Corrosion Resistance	Good
Toughness	Good
Tensile Strength (Mpa)	>21.0
Decomposition Temperature (°C)	360
Appearance	Smooth surface, no pilling, and impurities inside or outside the tube.
Fire Resistance Rating	VW-1

● Standard Size

Size	Inner diameter (mm)	Wall Thickness (mm)
Φ1.0	1.0±0.1	0.5±0.05
Φ2.0	2.0±0.1	0.5±0.05
Φ3.0	3.0±0.1	0.5±0.05
Φ4.0	4.0±0.1	0.5±0.05
Φ5.0	5.0±0.1	0.5±0.05
Φ6.0	6.0±0.1	0.5±0.05
Φ7.0	7.0±0.1	0.5±0.05
Φ8.0	8.0±0.1	0.5±0.05
Φ9.0	9.0±0.2	0.5±0.05
Φ10.0	10±0.2	0.5±0.05

Custom sizes and specifications beyond the list are available on request.

The standard color is transparent, and other colors can be customized.

Inner diameters from 1 to 50 are customizable, with the minimum wall thickness of 0.2mm or more.

