

PFA Tube



Model Number: SB-PFA

Working temperature: up to 260°C (500° F)

Description

PFA Tubing (Perfluoroalkoxy) offers excellent crack and stress resistance and is used when more demanding mechanical characteristics are required. PFA Tubing is the product of choice for applications involving extreme chemical resistance combined with high temperature exposure.

PFA Tubing is preferred when additional clarity, flexibility, and a higher continuous service temperature are required. PFA Tubing provides stiffness and long flex-life (up to 260°C) and has all the general properties of PTFE. In the semiconductor and pharmaceutical industries, PFA HP (High Purity) Tubing is used for fluid handling applications requiring an extremely low level of chemical extractables.

Usage

Aerospace & Transportation Technology, Electronics, Components & Insulators, Chemical & Pharmaceutical Manufacturing, Food Processing, Environmental Sciences, Air Sampling, Fluid Transfer Devices and Water Processing Systems.

Performance

- Higher thermal stability than FEP
- Working temperature of up to 500° F (260°C)
- Non-flammable
- Lower permeability than FEP
- Combines attributes of PTFE and FEP
- Translucent
- Maintains mechanical strength at high temperatures
- Moisture absorption close to zero
- Superior high purity properties
- Available in coiled hose and convoluted constructions
- FDA compliant for food contact
- Suitable for use with flare or conventional fittings

Wall Thickness: 0.15mm ~3mm