

Folding PTFE Membrane Filter

折叠式聚四氟乙烯膜滤芯

产品简介

Product Description

折叠式聚四氟乙烯膜滤芯采用聚四氟乙烯滤膜 (Polytetrafluoroethylene) 为主过滤材料, 膜层由 PTFE 膜 (属于表面绝对过滤) 及导流层组成, 过滤精度范围 0.1-0.45 μ m。PtSEP™ 滤芯适用性广泛, 具有极佳的化学兼容性与耐氧化性, 良好的耐高温性, 广泛应用于强腐蚀、精细过滤、高端除菌等领域。

Folding PTFE membrane filter with Polytetrafluoroethylene-based filter material, the film by the PTFE membrane (belonging the surface absolute filter) and diversion layer composed the filtering accuracy range of 0.1-0.45 μ m. Wide applicability of PtSEP™ filter has excellent chemical compatibility and oxidation resistance, good temperature resistance, widely used in strong corrosive, fine filter, high-end sterilization and other fields.



特点及优势

Features and Benefits

- 适用性广泛, 化学兼容性与耐氧化性极佳
- 亲水性膜, 疏水性膜可选
- 通量大, 高截留率
- 产品出厂之前经过 100% 完整性测试
- 具有良好的耐高温和耐酸碱性能
- 医药级经注射用水冲洗, 电子级经超纯水冲洗
- 符合 FDA 生物安全标准
- Wide range of applicability, chemical compatibility, and excellent resistance to oxidation
- A hydrophilic film, a hydrophobic film optional
- Flux, high retention rate
- Products manufactured after 100% integrity testing
- Has good high temperature and acid and alkali resistance
- Pharmaceutical grade rinse water for injection, electronic grade by the ultrapure water
- Bio-safety standards in compliance with fda

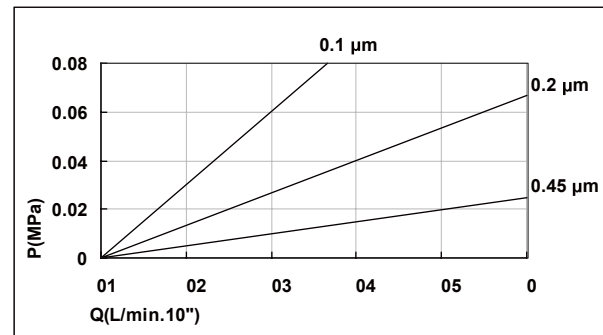
技术参数

Technical Parameters

- 过滤精度 (μ m) : 0.1, 0.2, 0.45
- 工作温度: <85 $^{\circ}$ C @2Bar
- 能耐最大压差: (25 $^{\circ}$ C) 正向 4.2Bar, 反向 2.1Bar (* 温度升高, 能耐最大压差相应降低)
- 滤芯长度 (英寸): 10, 20, 30, 40
- 过滤面积: 0.75 平方米 (10")
- 最高消毒温度: 30 分钟 / 次 @120 $^{\circ}$ C 蒸汽灭菌、高压灭菌
- Filtration accuracy (μ m): 0.1,0.2,0.45
- Operating temperature: <85 $^{\circ}$ C @ 2bar
- Resistant to the maximum differential pressure: (25 $^{\circ}$ c) forward 4.2Bar, the reverse 2.1Bar (* elevated temperatures, is resistant to correspondingly reduce the maximum differential pressure)
- Filter length (inches): 10, 20, 30, 40
- Filtration area: 0.75 Square meters (10 ")
- Maximum disinfection temperature: 30 minutes / time @ 120 $^{\circ}$ C steam sterilization autoclave

流量 -- 压差曲线图

Flow - Differential Pressure Curves



应用领域

Applications

- 超纯水过滤
- 超纯电子化学品溶液过滤
- 发酵罐、储罐、配料罐无菌排气、进气过滤
- 电子工业高纯气体过滤
- 高纯蒸汽过滤
- 无菌输送压缩空气
- 氧化性液体过滤
- Ultra-pure water filtration
- Ultrapure electronic chemicals solution was filtered
- Fermentation tanks, storage tanks, sterile mixing tank, exhaust, air intake filter
- Electronics industry high purity gas filtration
- High purity steam filter
- Aseptic delivery of compressed air
- Oxidizing liquid filtration

可选项

Options

- 不锈钢骨架, 适用更高温度
- Stainless steel skeleton for higher temperature