# **PTFE SERIES PLETED FILTER CARTRIDGES**



# Product Description

## **Excellent Hydrophobic Performan**

PTFE pleated filter cartridges are a high-performance filtration solution designed for critical applications where sterility and chemical compatibility are paramount. These cartridges are commonly used in the pharmaceutical, biotechnology, and other industries that require the highest level of product purity and safety.

# Application





chemicals





Chemical Pharmaceutical

Food and beverage

Ultra-pure

water

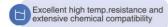
(Ph)

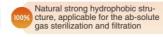
Nitrogen, argon and

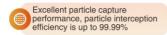
other gas

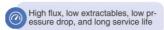
and other corrosive liquid

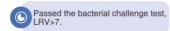
#### Features

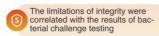












## Structural Material

Filter medium	PTFE
Support	PP
Core/ Cage	PP
End cap	PP
Connection	DOE, 222-Flat, 226-Flat, 222-Fin, 226-Fin, 222-Fin(304BI), 226-Fin(304BI)
Seal rings options	BUNA, EPDM, Silicon, Viton

#### Technical Data

Product code	Retention ratings (μm)	Filter area (m²)	Length (inch)	Diameter (mm)	Max. operating temp (°C)
ОРТМС	0.1, 0.22, 0.45,	0.65	5" 10" 20" 30" 40"	2.75"-69	80

Max. differential pressure	Sterilization method (°C / h)	Typical flow rate (Nm³ /h)
Postive: 0.4MPa/25°C Negative: 0.2MPa/25°C	121°C/100h 140°C/40h	0.1µm: ≥ 180 0.22µm: ≥ 330 0.45µm: ≥ 400 Remark: P=0.01MPa, ΔP=0.01MPp=10" 20°C

## Flow Rate Characteristics

