

pleated filter

PVDF Membrane

Absolute rated

Sterilizing grade

Integrity testable

Wfi flushed

Validated Performance

Traceability

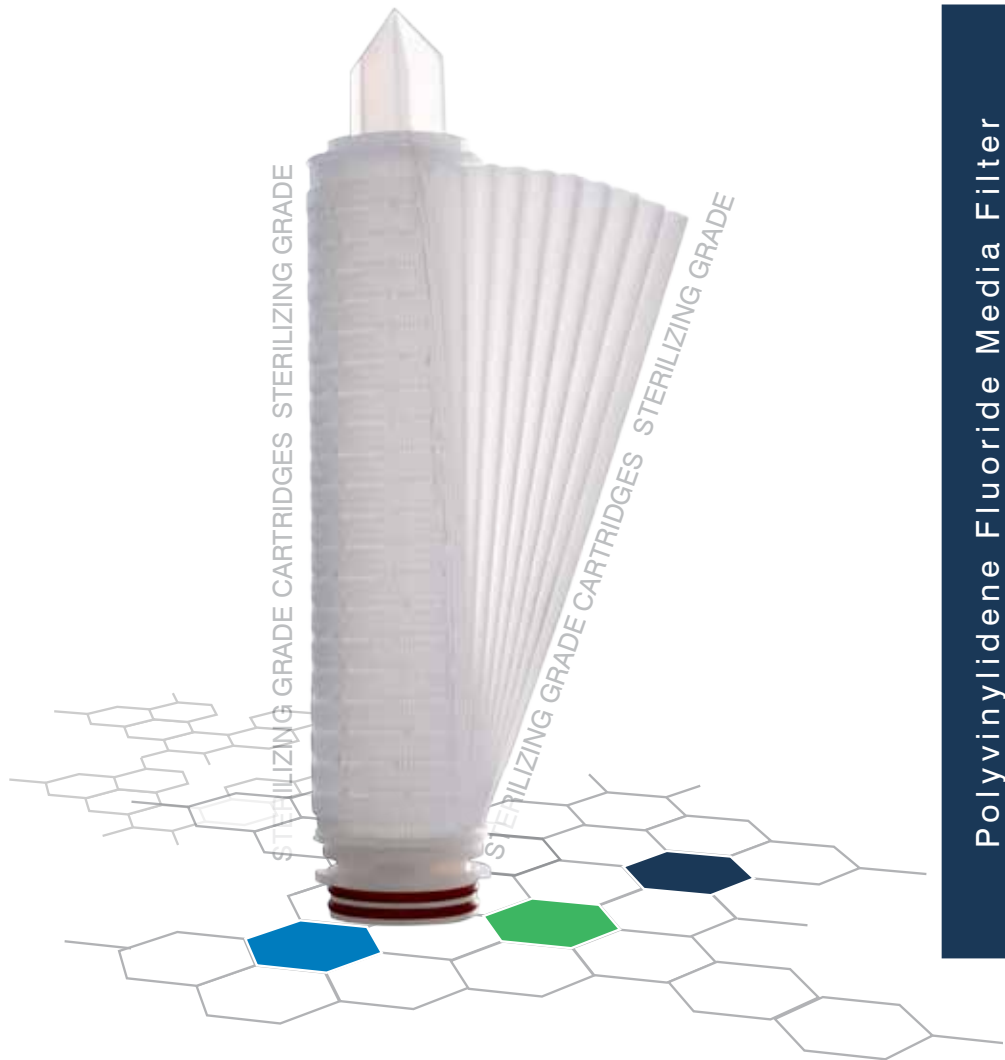
Consistent Performance

Low Protein binding



MICROPVDF
PVDF Filter

Polyvinylidene Fluoride Media Filter



PHARMA | BIOTECH | FOOD & BEVERAGES | CHEMICAL





MICROPVDF pleated cartridge filters are made of polyvinylidene fluoride (PVDF) and are characterized by low protein binding, low extractable levels, wide chemical compatibility and chemical inertness. The pleat technology maximizes the useful surface area of the filter while maintaining proper flow paths between media pleats. Adaptors are thermally welded with media without using any adhesives on it, ensuring seamless fusion.

Features and Benefits

Polyvinylidene fluoride and Polypropylene components	Provides extremely wide chemical compatibility and permits in a broad range of fluids and applications
Fixed pore structure, consistent particle removal	No migration of filter media, non fiber releasing
Integrity tested during manufacture	Ensures product integrity, consistency and reliability
Filter media is supported with polypropylene support layer on both sides	Optimized for high efficiency particle removal and high contaminant holding capacity, resulting in longer on-stream life cycles
Providing certificates	Full traceability
Biologically inert and Non toxic	Meets FDA requirements, bio safety incompliance with USP class VI biological reactivity test passes
High pleated area, robust membrane construction	Enables economical installations & energy savings due to high flow rates and low pressure drops.
Variety of seal configurations	Allow retrofit in many filter vessel design

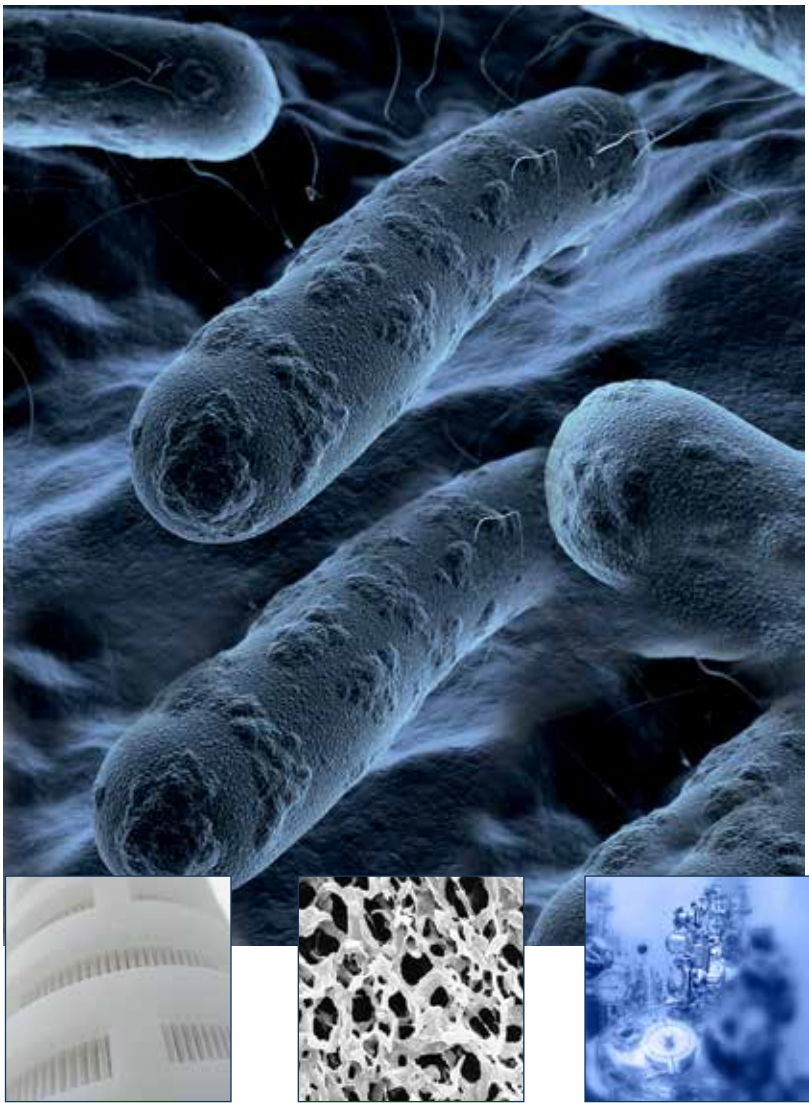


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Material of Construction	
Filter Media	PVDF Membrane
Support Layer	Polypropylene
Core / Cage / End Caps	Polypropylene
Micron Rating	
Microns (μ)	0.2, 0.45, 0.65, 1.2

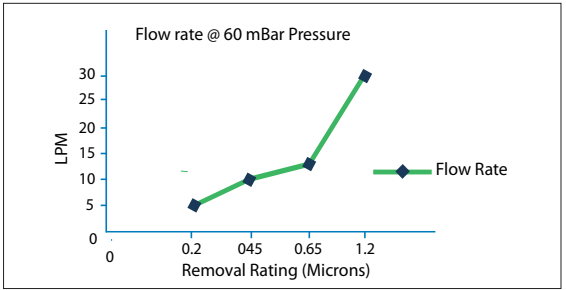
Standard Sizes (Nominal)	
inches	10, 20, 30, 40

Outside Diameter (Nominal)	
inches	2.75

Inner Diameter (Nominal)	
inches	1.1

Filtration Area / 10" cartridge (Nominal)	
m²	0.60

Operating Parameters	
Temperature °C / °F [Max]	80 / 176
Pressure [Max] Bar / psi	4.1 / 59.46 @ 60°C 2.1 / 30.45 @ 82°C
Steam Sterilization °C [Max]	121-125 / 30-60 mins
Recommended Changout (Δp- Bar)	2.4



- ☒ Absolute Rated
- ☒ Pleated Cartridge
- ☒ 100% Integrity Tested
- ☒ WFI Flushed
- ☒ PVDF Membrane
- ☒ Steam Sterilizable
- ☒ Sterile Application

BIOFILT

Biological Preparation, Culture solution, Sterilization

PHARMAFILT

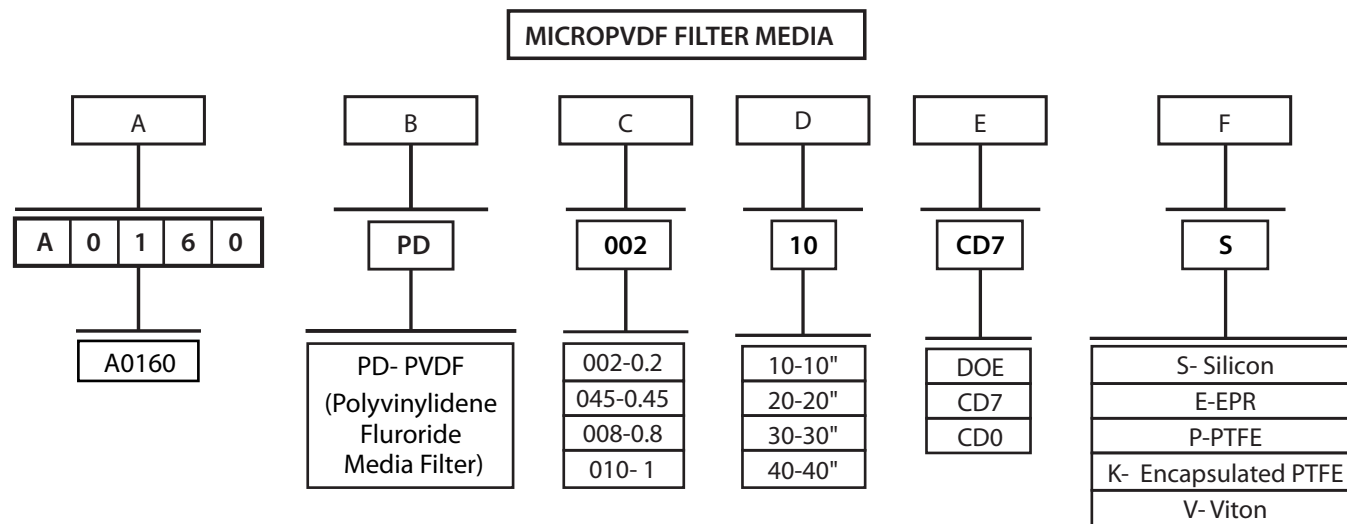
IV Fluid, SVP

CHEMFILT

Acids, Solvents, Normal Sodium, Sterile Tank Venting, Process Gas

WATERFILT

WFI, Purified Water



A - Product Code
B - MOC of filter media
C - Grade/ Micron Rating
D - Configuration(Length/Size)
E - End Connection
F - Sealing Elastomer



www.microfiltindia.com

Microfilt Filter Media (P) Ltd

Plot No. PAP-A-222 TO A-227
TTC Indl. Area, Mhape,
Navi Mumbai-400 701, INDIA

TEL +91 22 2227781499
MAIL innovations@microfiltindia.com
WEB www.microfiltindia.com

• Mumbai • Ahmedabad • Pune • Hyderabad • Bangalore • Chennai

Note: Specifications and dimensions may change. Please check with us before ordering.