



## Proflex™ Series EF-250VP & EF-450VP Pleated Polyester FILTER CARTRIDGES

Proflex™ Series EF-250VP & EF-450VP Cartridges are resistant to chemical and bacterial attack, and effective for a wide range of heavy duty commercial and industrial filtration applications.

### APPLICATIONS

- Aqueous Solutions
- Chemicals
- Food and Beverage
- General Filtration
- Ink
- Pre-filter for RO Systems
- Waste Streams
- Water

### CARTRIDGE OPERATION

Proflex™ Series EF-250VP & EF-450VP Cartridges are manufactured from a durable, non-woven and reusable polyester media pleated around a polypropylene core for added strength. The media is pleated to maximize dirt-holding capacity and minimize cartridge change-outs or cleaning. The ends are then immersed in a thermo-setting vinyl plastisol that fuses the cartridge components together, forming a unified endcap gasket. Filtration efficiency is enhanced by sonically welding the overlap seam to reduce internal bypass.

### FEATURES

- Available in 2.5- and 4.5-inch diameters
- Available in micron ratings of 30 and 50
- Encapsulated endcap and gasket design
- Sonically-welded overlap seam
- Optimal surface area; (standard 10-inch cartridges feature more than four square feet of media; heavy duty cartridges offer media exceeding 16 square feet)
- Pleats maximize dirt-holding capacity and reduce change-out frequency
- Resistant to bacteria and chemicals
- Versatile and reusable for a wide variety of applications
- Gasket stays in place during service; reduces downtime
- Reduced bypass ensures heavy duty filtration efficiency

*Custom housings are available for these cartridges.  
Contact our technical support team for more details.*

### SPECIFICATIONS

Component	Material/Value
Fiber Media	Non-Woven Polyester
Endcaps	Vinyl Plastisol
Core	Polypropylene
Temperature Rating	40°F (4.4°C)–125°F (51.7°C)

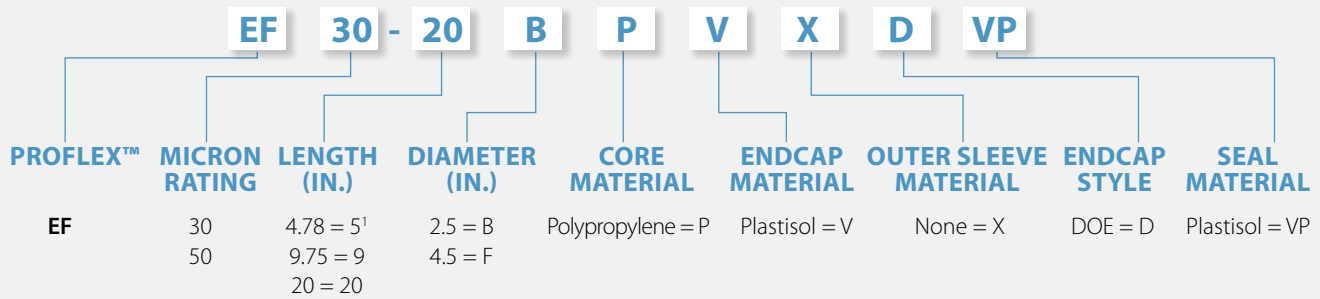


**Pentair  
Industrial**

# Proflex™ Series EF-250VP & EF-450VP Filter Cartridges

## ORDERING INFORMATION

Custom configurations available; please contact Customer Service.



<sup>1</sup> 2.5 diameter only

## DIMENSIONS AND CONSTRUCTION

Proflex™ Series	EF-250VP	EF-450VP
Diameter (Inches)	2.5	4.5
Length (Inches)	4.78	•
	9.75	•
	20	•
Center Core	P	P
Endcap	V	V
Endcap Style	DOE	DOE
Outer Sleeve	—	—
Seal	V, P	V, P

Cartridge Availability Key	
VP	Plastisol
P	Polypropylene
DOE	Double Open End

## SPECIFICATIONS

Micron Rating	Flow Rate
30	10 gpm @ 0.2 PSI drop
50	10 gpm @ 0.5 PSI drop

Flow rates listed are of 10-inch cartridges with typical water flow at 1 PSI pressure differential.



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