



## Versaflex™ Series VF-450GD

### Gradient Density FILTER CARTRIDGES

Versaflex™ Gradient Density Cartridges are sized for use in Big Blue® filter housings and will not impart taste, odor or color to the liquid being filtered. Additionally, 100% pure polypropylene construction provides superior chemical resistance and is not prone to bacterial attack.

#### APPLICATIONS

- Commercial
- Dyes
- Food and Beverage
- Inks
- Medical
- Municipal
- Oils
- Paints
- Pharmaceutical
- Plating Solutions
- Water

#### CARTRIDGE OPERATION

The Versaflex™ Gradient Density design combines selective final filtration with appropriate pre-filtration to achieve up to three times the dirt-holding capacity of similar size sediment cartridges and even greater capacity than standard spun-bonded. The larger diameter of the filter reduces particle load, allowing it to operate at higher velocities. This increased depth provides for very high particulate removal efficiencies and increased loading capacity.

#### FEATURES

- Greater capacity than standard spun-bonded cartridges
- Increased effective filter depth of 233%
- 4.5-inch diameter
- Manufactured from pure 100% polypropylene
- Designed for purity and chemical compatibility
- Up to three times the dirt-holding capacity of similarly sized sediment cartridges
- Spun fibers form a gradient density from outer to inner surfaces

#### SPECIFICATIONS

Component	Material/Value
Fiber Media	Polypropylene
Temperature Rating	40°F (4.4°C)–145°F (62.8°C)

**WARNING:** Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.



Tested and Certified by NSF International to NSF/ANSI Standard 42 for material requirements only.

COMPONENT

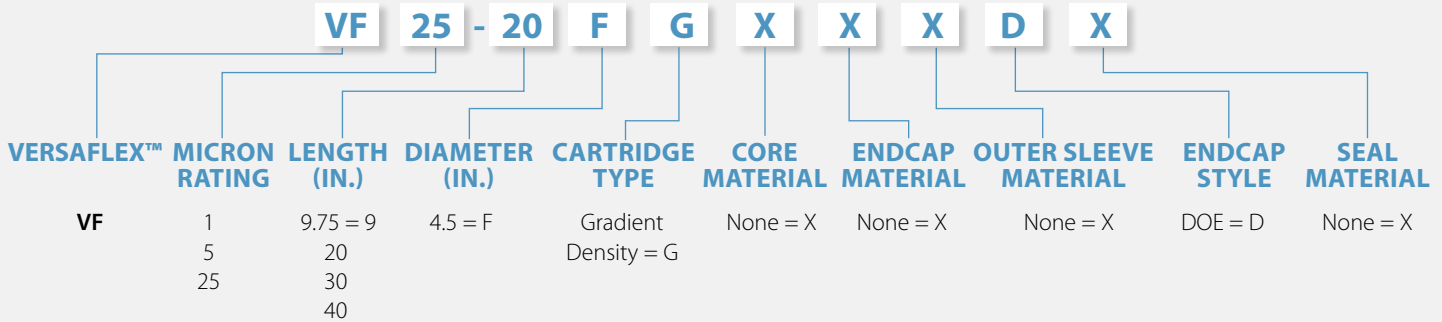


**Pentair  
Industrial**

# Versaflex™ Series VF-450GD Filter Cartridges

## ORDERING INFORMATION

Custom configurations available; please contact Customer Service.



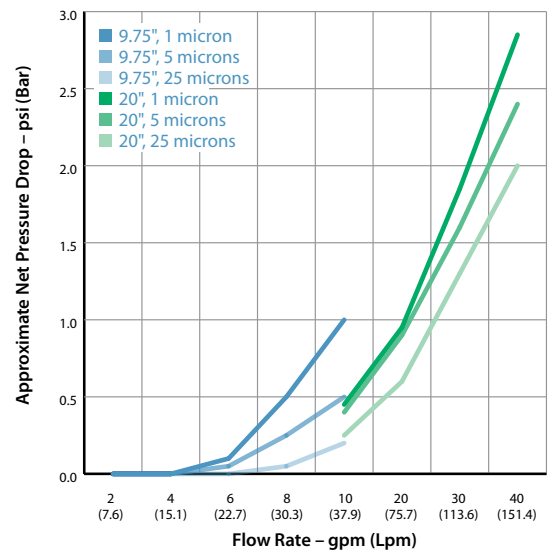
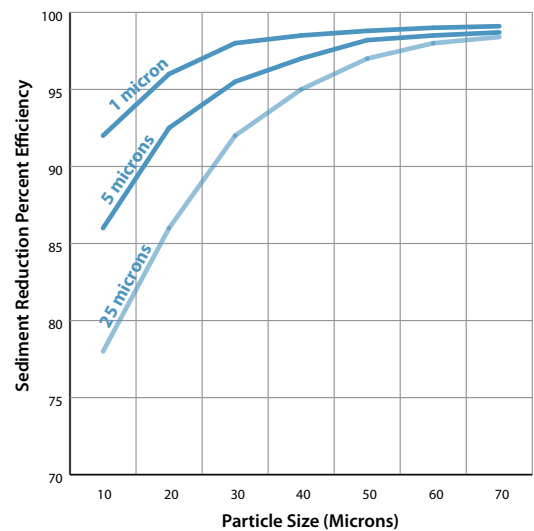
## DIMENSIONS AND CONSTRUCTION

Versaflex™ Series Gradient Density	
Diameter (Inches)	4.5
Length (Inches)	9.75 •
	10
	20 •
	30 •
	40 •
Media	S
Center Core	
Endcap	
Outer Sleeve	
Endcap Style	DOE •
	S2
	F2
	S6
	F6
	S3
Seal	

Cartridge Availability Key	
S	Spun-Bonded
DOE	Double Open End

## TEST DATA

Versaflex™ Series VF-450GD Cartridge Water Flow Rate



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