

VF Series Polypropylene Cartridge PP3

Absolute reduction of bacteria

SERIES VFPP3 Absolute reduction of bacteria

Venefilter Inc., promotes this filter to ensure the safety of the water supply, standards have been established that define the minimum performance requirements for materials and components of water treatment systems. In recent years, significant outbreaks of water borne disease have been traced to *Cryptosporidium* and *Giardia* parasites. The pleated filter VFPP3 contains an absolute 1 micron filter media designed to exceed the ANSI/NSF Standard 53 of 99.95% for the removal of cysts based upon the polystyrene challenge in water.

Features

- Constructed entirely of polypropylene.
- Compatible with most solutions.
- 7,7 ft² (0,72 m²) of effective filter area.
- High flow rates at low pressure drop.
- High dirt capacity.
- Meets and exceeds the guidelines of the NSF Standard 53 for the reduction of microbial cysts.
- Various O-Ring materials and configurations.
- High surface area – High flow rates and long on-line service.
- Meets USP Class VI, biological test for plastics.
- All materials are listed by the FDA for contact with food and beverages.

Operating Conditions

Maximum differential pressure	75 Psid a 70 °F (5,2 bar a 21 °C)
	40 Psid a 176 °F (2,8 bar a 80 °C)
	15 Psid a 190 °F (1,03 bar a 88 °C)
Maximum Operating Temperature	176 °F (80 °C)
recommended changeout	35 Psid (2,4 bar)



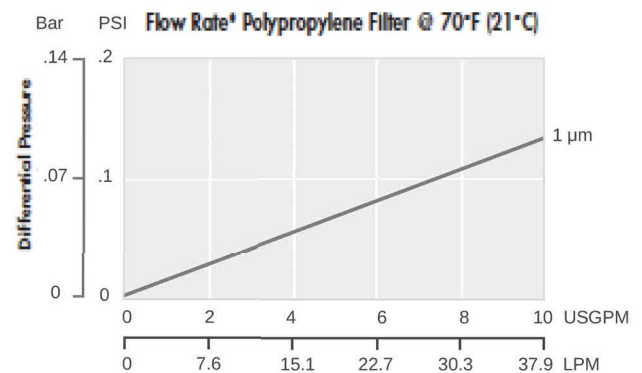
Applications

- Water potabilization.

Design specifications

Media	Polypropylene
End caps/Core/Cage	Polypropylene
Outside diameter	2,7" (6,9 cm)
Inside diameter	1,0" (2,54 cm)

Pressure drop



* For liquids other than water, multiply pressure drop by fluid viscosity in centipoise

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Part Number

VFPP3	1	30	S5	V
Series	Microns	Nominal Length	End Configuration	Gasket
VFPP3	1	5: 5"	S3:222w/Fin end	B: Buna-N
		9.75: 9 ^{3/4} "	S4:222w/Flat end	E: EPDM
		10: 10"	S5:226w/Fin end	V: Viton
		20: 20"	S6:226w/Flat end	S: Silicone
		30: 30"		T: Teflon
		40: 40"		

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