ULTRAFILTER
THE FILTRATION MANUFACTURER
Kronsbein ultrafilter ®

PF-GP

Glass Fiber Media · Particle Removal

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Ultrafilter BeLux
Beta Solutions B.V.
Begoniastraat 36 - 9810 Nazareth - Belgium
Tel: +32 (0)9 324 88 63
e-Mail: info@ultra-filter.be - www.ultra-filter.be

PF-GP

PF-GP:

Ultrafilter PF-GP Filter Cartridges are composed of positive Zeta modified microfiber media and ideal for the removal of contaminants such as colloids, yeast, and particles in brewing applications. This advanced media has higher dirt holding capacity combined with efficiency. The filter is characterized by high particle efficiency compared to other polypropylene filters.

FEATURES AND BENEFITS:

- High dirt holding capacity and excellent particle retention.
- Ideal for the retention of colloids
- Low pressure drop and high flow rates and long service life
- Excellent chemical compatibility

QUALITY STANDARDS:

- Ultrafilter GmbH stablishes and continuously maintains the company's quality assurance system in accordance with the requirements of ISO® 9001:2015 quality management system and cGMP. All the products are manufactured under strict quality system to ensure stable and reliable quality.

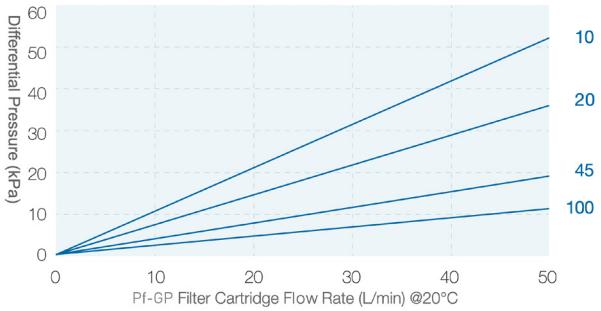
- Ultrafilter GmbH has established a rigorous supplier selection and periodic evaluation system. The core materials are selected from internationally renowned raw material suppliers and manage the suppliers hierarchically. The injection molding pellets, support layers, O-rings and other materials or components are inspected according to the company's internal control standards to ensure the quality of raw materials is stable and reliable

- The sterilizing grade Ultrafilter GmbH filter requires 100% integrity testing before delivery. The test methods include bubble point, diffusion flow and water intrusion. The specific test method can be found in the integrity test section of the quality certificate.

APPLICATIONS:

- Food & Beverage
- Process water systems
- Pharmaceuticals and Bioprocessing
- Cosmetics
- Fine chemicals

Flow Rate Characteristics



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Technical Data:

MATERIALS OF CONSTRUCTION	
Filter Medium	Glass Micro Fiber
Cage / Support	Polypropylene (Nanofiber)
Core/End Caps	Polypropylene

OPERATING CONDITIONS	
Maximum Operating Pressure	6.9 bar (100 psi) at 25 °C 4.0 bar (58 psi) at 60 °C 2.4 bar (35 psi) at 80 °C
Max. Differential Pressure	Forward 6.9 bar (100 psi) at 25 °C 2.4 bar (35 psi) at 80 °C Reverse 3.0 bar (44 psi) at 25 °C 1.0 bar (15 psi) at 80 °C
Cleaning Solution	2% NaOH Solution @≤ 65°C
Sterilization	Inline Steam Sterilization: 20 cycles for 30 min at 125 °C (Differential Pressure<30kPa) Hot Water Sterilization: 50 cycles for 30 min at 85 °C
Effective Filtration Area	0.26m² / Φ71-10 inch

ORDERING INFORMATION

PF-GP-

	REMOVAL	NOMINAL LENGTH	END CAP	SEAL MATERIAL
PF-GP-	20 = 0.20 µm	5 = 5"	2 = Code 2	A = EPDM
	25 = 0.25 µm	1 = 10"	3 = Code 3	B = Silicone
	45 = 0.45 µm	2 = 20"	7 = Code 7	C = Viton
	80 = 0.80 µm	3 = 30"	8 = Code 8	
	100 = 1.00 µm	4 = 40"	MF = DOE	
	300 = 3.00 µm			
	500 = 5.00 µm			

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