



Kronsbein ultrafilter®



PF-UF3

Polypropylene HighFlow Filters



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Ultrafilter BeLux

Beta Solutions B.V.

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PF-UF3

PF-UF3:

Ultrafilter PF-UF3 Filter Cartridges are made from depth fine PP or GF non-woven fabrics. The filter has a big diameter of 6.5 inch/165mm. There is a core inside which suitable for the outside to inside flow pattern. The big diameter design makes the filter has big filtration area. The long service life and high flow rate result in low investment and less manpower in many applications.

Ultrafilter PF-UF3 cartridges are absolute rated, tested to Beta 5000 using the industry standard single pass OSU-F2 test procedure with ISO 12103 part 1 A2 Fine and A4 Coarse test dust as appropriate.

Ultrafilter PF-UF3 filter cartridges have excellent chemical compatibility. Thermal bonded construction eliminates the requirement for adhesives, maintaining product integrity in demanding applications and minimizing the level of extractable in the filtrate. All materials conform to the relevant requirements of FDA CFR21 part 177 and cartridges using polypropylene filter media meet the requirements for food contact as detailed in European Regulation 1935/2004.

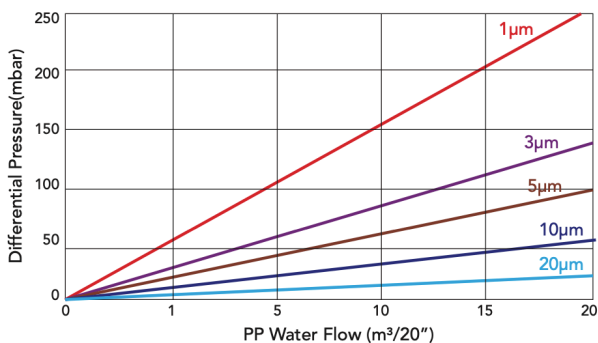
FEATURES AND BENEFITS:

- Absolute micron ratings ensure consistent, repeatable performance.
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- Ultrafilter PF-UF3 filters meet the requirements for food contact as detailed in EC 1935/2004 .
- Large surface area ensures low initial pressure drops and high dirt holding capacity, for extended service life.
- 100% Polypropylene construction (PP only) and thermal bonding mean wide chemical compatibility and minimum levels of extractable.
- Suitable for steam sterilization, autoclaving and hot water sanitation.
- Available in 20", 40", 60" and 70" lengths to retrofit most existing installations.
- Available in 0.5, 1, 3, 5, and 10 micron retention rate.

APPLICATIONS:

- Power & Utilities
- Oil & Chemical
- Mining
- Industrial Water Treatment

FLOW CHARACTERISTICS



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Technical Data:

MATERIALS OF CONSTRUCTION	
Filter Medium	Polypropylene
Cage Support	Polypropylene
Core Endcaps	Polypropylene

OPERATING CONDITIONS	
Maximum Operating Temperature	80 °C
Max. Operating DP	3.0 bar (44 psi) at 25 °C

ORDERING INFORMATION

PF-UF3-

	REMOVAL	NOMINAL LENGTH	END CAP	SEAL MATERIAL
	005 = 0.5 µm	20 = 20"	XF	A = EPDM
	010 = 1.0 µm	40 = 40"		B = Silicone
	030 = 3.0 µm	60 = 60"		C = Viton
	050 = 5.0 µm	70 = 70"		
	100 = 10.0 µm			



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