

Masterfilter APF absolute rated polypropylene cartridges provide absolute efficiency and reliable performance in most critical applications. It combines high dirt holding capacity with long service life and high flow rates. 100% polypropylene construction with nano fibre media for high backwash capability make it an ideal filter for beverage applications.

Features and Benefits

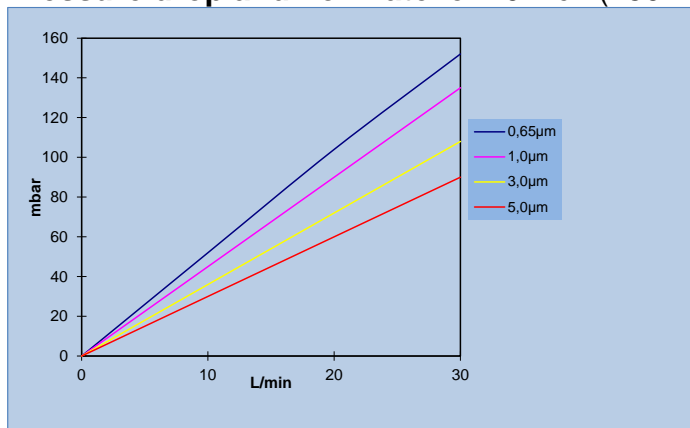
- Nano fibre media provide high efficiency and dirt holding capacity
- Pleated surface provides excellent flow rate and long service life
- Absolute rating from 0.6 to 10 microns
- Nano fibre PP for optimized backwash capability
- 100% PP offers compatibility with most chemicals, solvents caustic and acids
- Pleated surface provides excellent flow



Applications

- Beer filtration
- Food & Beverage
- Water purification
- Chemicals
- Pharmaceuticals
- Clarify filtration

Pressure drop and flow rate for 10 inch (250mm) cartridge @20°C, 1cP



Materials of construction

- Filter media: Polypropylene nano fibre
- Support layer: Polypropylene
- Inner core: Polypropylene
- Outer cage: Polypropylene
- End caps: Polypropylene
- End cap insert: Stainless 304
- O-Rings: EPDM/Silicone

Operating Characteristics

Maximum Differential :	5bar (20°C)
Pressure :	3bar (85°C)
Max. back pressure :	2bar (20°C)
	0,4 bar (80°C)
In situ steam Sterilization :	121°C 20min
in situ Hot Water Sanitization :	80°C
Autoclaving :	134°C, 30min

Food and Biological Safety

Comply with the relevant requirements of EU 1935/2004 and EU Directive 10/2011

Pass USA Plastic Class VI Test

No fiber releasing according to 21 CFR

Ordering Information

APF

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Code	Removal rating micron
0065	0,65
0100	1,0
0300	3,0
0500	5,0
1000	10,0

Code	Length	
	mm	inch
10	254	10
20	508	20
30	762	30
40	1016	40

Code	End caps
STC	Sartorius code 28
HTC	222 O-ring/flat (Code 3)
HTF	222 O-ring/fin (Code 8)
HSF	226 O-ring/fin (Code 7)
HSH	UF retrofit

Code	O-Rings
S	Silicone
E	EPDM
V	Viton