

Masterfilter PPK polypropylene high density pleat cartridges are available in a wide range of pore sizes and provide reliable high performance in many applications. It combines high dirt holding capacity with long service life and high flow rates. 100% polypropylene construction, backwash capability together with graded pore size, make it an economical, high accuracy filter cartridge with absolute removal efficiency.

Features and Benefits

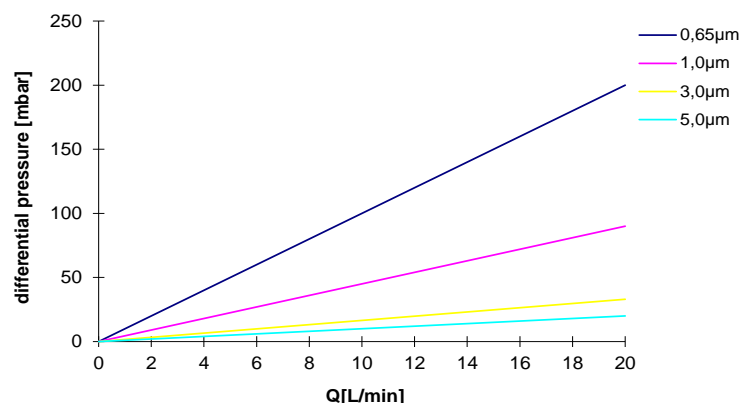
- High dirt holding capacity
- Pleated large surface provides high flow rate and long service life
- Absolute rating from 1 to 40 microns
- Backwashable media extends service life
- 100% PP offers compatibility with most chemicals, solvents caustic and acids
- Pleated surface provides excellent flow rates and low pressure drop



Applications

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

Pressure drop and flow rate for 10 inch (250mm) cartridge



Materials of construction

- Filter media: Polypropylene
- 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 Pressure	5bar (20°C)
Max. back pressure	2,1 bar (80°C)
In situ steam Sterilization	2bar (20°C)
in situ Hot Water Sanitization	121°C 20min
Autoclaving	90°C
	134°C, 30min

Delta P at backflush:

80°C ->	0,5 bar
60°C ->	1 bar
40°C ->	1,5 bar
20°C ->	2,0 bar

Food and Biological Safety

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

Ordering Information

PPK



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Code	Removal rating micron
0060	0,6
0800	0,8
0100	1,0
1200	1,2
0250	2,5
0450	4,5
0500	5,0
1000	10,0
2000	20,0
5000	50,0

Code	length	
	mm	inch
05	133	5
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)
HST	I/S-15
STZ	P-MCY dh Z

Code	O-Rings
S	Silicone
E	EPDM
V	Viton