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: 121°C 20min
- in situ Hot Water Sanitization: 90°C
- Autoclaving: 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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