ULTRA-HIGH DIRT HOLDING CAPACITY CARTRIDGE

FSH series

Feature -Tec’s FSH ultra-high dirt holding capacity filter cartridges are constructed with melt-blown polypropylene media, and provide a large surface. It offers a high dirt holding capacity with low initial differential pressure.

Applications
- Water treatment
- Food & beverages
- Amine filtration
- Plating solutions
- Microelectronics
- Pharmaceuticals
- Fuels
- Chemicals and many more

Features and benefits
- Absolute removal ratings >99.9%
- High surface area for increased flow and dirt holding capacity
- Innovative longitudinal folding arrangement provides large filtration surface area
- Surface area 22 m² (236 ft²) per 40” length
- Dirt holding capacity up to 20 kg 40” length

- No surfactants or wetting agents
- Polypropylene construction with excellent chemical resistance
- Filter cartridges may be autoclaved for at least 10 times half-hour cycles @ 126 °C (259 °F)
- Long service life provides fewer replacement cycles and reduces total filtration costs significantly

Filter specifications
Material
- Melt-blown polypropylene
Core, caps, inner core
- Polypropylene
O-rings / Gaskets
- Buna N, Silicone, EPDM, Viton
Retention ratings
1, 2, 5, 10, 25, 40, 70 μm

Dimensions / Parameters
Nominal lengths
- 20”, 40”, 60” (508, 1016, 1524 mm)
Outside diameter
- 165 mm (6.5”)
Inside diameter
- 65 mm (2.6”)
Maximum operating temperature
- 80 °C (176 °F)
Max. differential pressure
- 3.43 bar @ 30 °C (49.8 psid @ 86 °F)
FSH Filter Cartridge Range

FSH Flow Rate (40” length)*

* For fluids with a dynamic viscosity of 1 mPa s @ 20 °C

FSH Filter Efficiency

Ordering information

Nominal lengths
20: 20” (508 mm)
40: 40” (1016 mm)
60: 60” (1524 mm)

O-rings / Gaskets
B: Buna N
S: Silicone
E: EPDM
V: Viton

Filter series
FSH: Ultra-high dirt
Holding capacity

End configuration
2: 226 Flat,
Single Open End

Retention ratings
1: 1 μm
2: 2 μm
5: 5 μm
10: 10 μm
25: 25 μm
40: 40 μm
70: 70 μm

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