

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
- Fuel oils
- 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

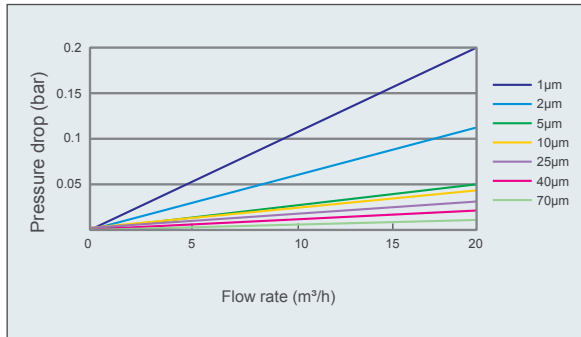
80 °C (176 °F)

Max. differential pressure

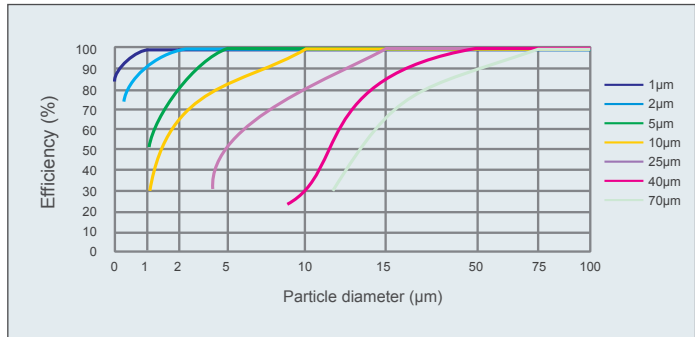
3.43 bar @ 30 °C (49.8 psid @ 86 °F)

■ FSH Filter Cartridge Range

FSH Flow Rate (40" length)*

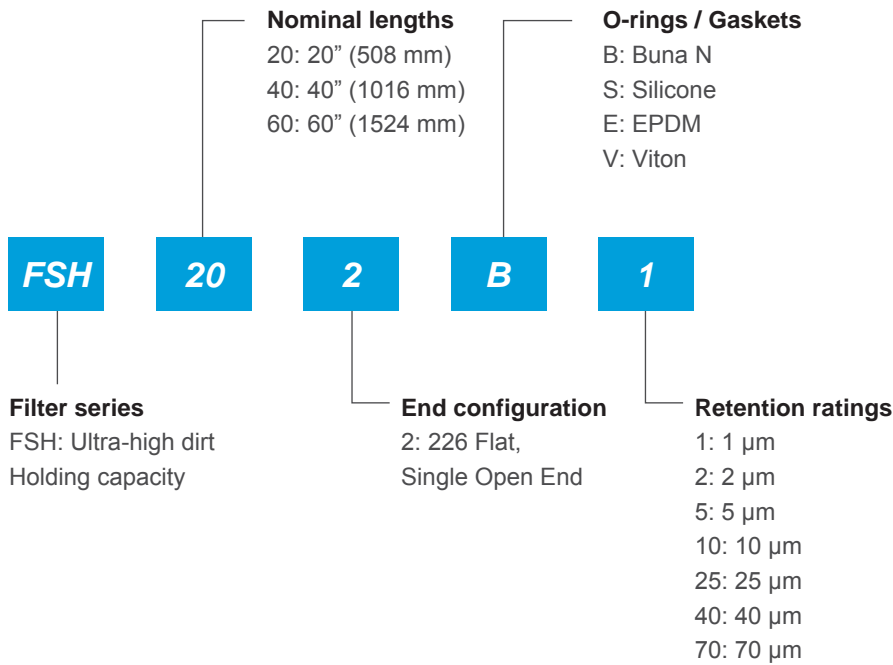


FSH Filter Efficiency



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

Ordering information



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