

FSH Ultra-High Dirt Holding Capacity Cartridge

*FILTRATION
SEPARATION
SOLUTIONS*



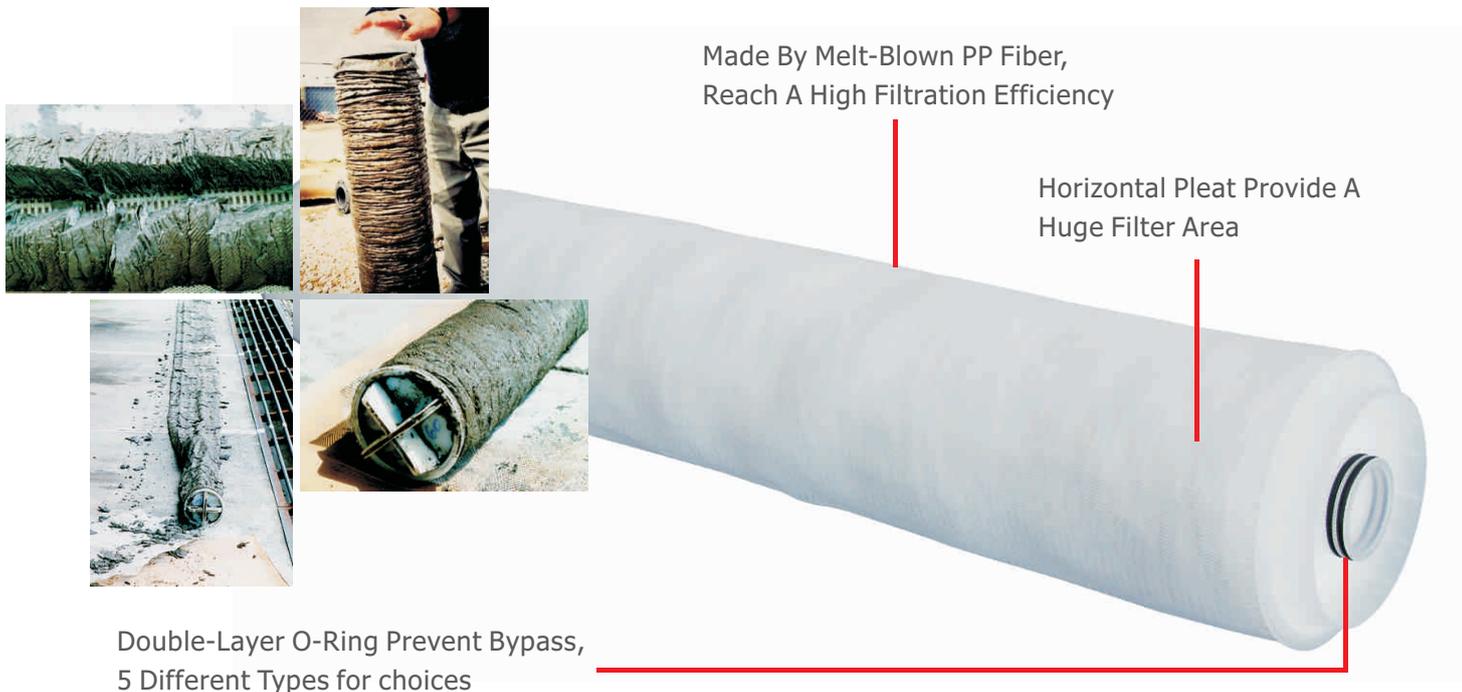
FEATURE





FSH Super Dirty-Holding Cartridge

Surface filtration systems such as automatic backwash filter, metal filter and membrane filtration are not suitable for high impurity content and large amount of soft deformable particles that occurs during manufacturing or production process. In these applications, high dirty-holding disposable filter element is most appropriate. For such applications, Feature-Tec launched a new product named FSH Super Dirty-holding Cartridge. Compared with traditional filtration product, FSH offers a super high filtration rate; single layer filter area can reach 20m², and its dirty holding capacity is more than 20KG.



Characteristic

Horizontal pleat enlarge the effective filtration area

FSH super dirty-holding cartridge uses the horizontal pleating to replace the traditional longitudinal pleating method, its axial direction structure enlarge its actual effective area.

High absolute filtration efficiency due to excellent design and high quality material

FSH super dirty-holding cartridge has a 99% filtration efficiency, which choose pure polypropylene material and no additives, particularly suitable for Super high dirt load application.

Excellent sealing performance and super high dirt holding capacity

It has a low initial pressure drop, and double O-ring design provides a highly reliable sealing mechanism. Each 20m² of filter surface area will be able to handle about 20kg impurities.

Maximize the economic benefit by reducing the usage/maintenance cost significantly.

High dirt holding can effectively prolongs its service life or replacement cycle and reduces the total filtration cost significantly in the long run.

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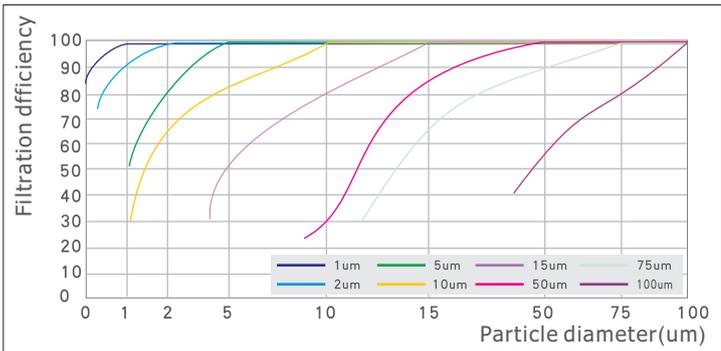
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Operating Conditions

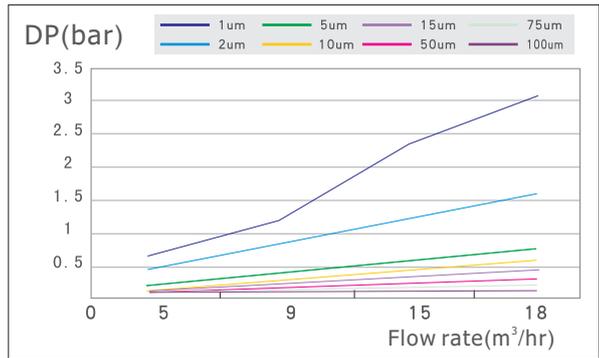
Max Operation DP: 30°C, 3.5 kg/cm²
 Max Operation Temperature: 80°C
 Sterile Condition: Autoclave 126°C,
 10 times in 30 minutes.
 Outside Diameter: 165mm
 Inside Diameter: 65mm



Filtration Efficiency



Initial Pressure Drop



Applications

Oil	Chemical	Medicine	Food	Distilled Water	Plating Solution	Tri-glycol
Microelectronics	Water Treatment	Energy	Amine	Fuel	Clarification of Beverage	Pre-Filtration Before Membrane

Specification Code

Code	20	7	B	1
FSH	Length: 20-20" 30-30" 40-40"	Connection Code: 2-226 /flat end cap 4-226/ fin end 7-DOE/double opened end	Seal Media: B-Buna N V-Viton S-Silicone E-EPDM	Filter Rate(um): 1 15 2 25 5 40 10 70

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Sales Network



Agent



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