

Econ-Pleated Absolute Rated Depth Filter Cartridge

The Economic Solution for High Performance Fluid Filtration

The Econ-Pleated Filter Cartridge is designed and developed for high accuracy final polishing filtration of all type's of fluids.

The specially designed Micro Glass Media filtration material provides the unique combination of high flow rate, increased contaminant capacity, reduced pressure drop, increased surface area at absolute rating of beta 5000 (99.98% removal).

The construction is designed and produced to withstand the harsh requirements of the Oilfield. The Polypropylene inner core has additional strength and all components are thermally fused, allowing operations at higher temperature, pressure and make the cartridge compatible with most fluids and additives in the industry.



Benefits

- Improved inner core construction allowing longer operational life, higher process temperature & pressure.
- Increased filtration surface area increasing process volume per cartridge.
- Full Thermal Bonded technology offering chemical compatibility for most fluids, solvents, chemicals.
- Use of Micro Glass Media provides improved porosity permitting increased particle absorption.
- Absolute rating of Beta 5000, stopping 99.98% of particles at the micron rating.
- Reduced pressure drop.

Applications

- Waste Water
- Completion Fluid
- Work Over Fluid
- Injection Water
- Produced Water
- Process Water
- Gravel Pack Fluid
- Membrane Pre-Filtration
- Fuel, Diesel & Oil
- Acids & Solvents
- Amines & Glycols

Econ-Pleated Cartridge

Specification

Inside Diameter:

1.1" (28 millimeter)

Outside Diameter:

2.5" (63.5 millimeter)

Efficiency:

Beta 5000 (99.98% removal)

Max. operating temperature:

240 F (115 Celcius)

Max. pressure differential:

37 PSI (2.5 Bar)

Max. operating flow:

12 GPM / 10" (2.7 M3/hr / 254 mm)

Filter Media:

Micro Glass Media

Inner Core:

High Strength, heavy wall Polypropylene

Media Support & Cage:

Polypropylene

End Caps:

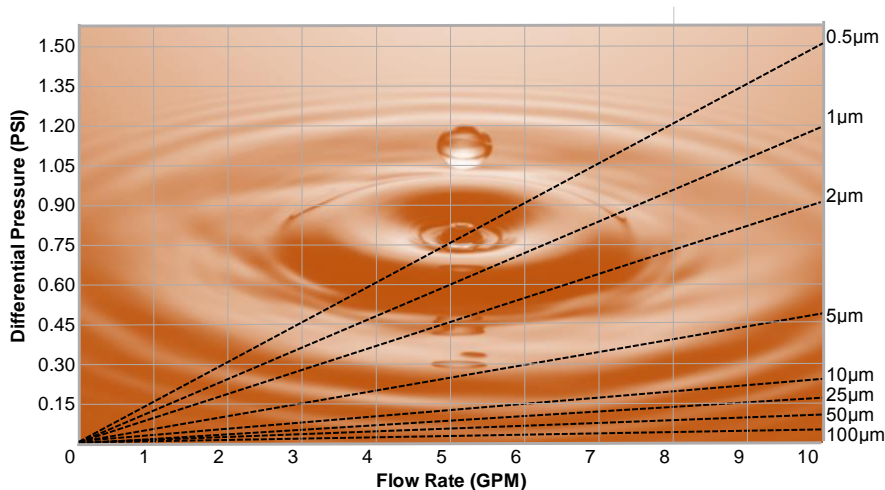
Polypropylene

Construction:

Thermally Fused

Seal material:

BUNA, EPDM, Polyprop, Silicone, Viton



Flow rate is per 10"(254 mm)element. For liquids other than water,multiply differential pressure by fluid viscosity(cp).

Ordering Information

EP - G -

Micron Rating	
Code	Micron
001	1
002	2
005	5
010	10
025	25
050	50
100	100

Nominal length	
Code	Inches
10	10"
20	20"
30	30"
40	40"

End Cap Style	
Code	Style
A	DOE
B	226/Finned
C	222/Finned
D	226/Closed
E	222/Closed

Seal material	
Code	Material
A	BUNA
B	EPDM
C	Polyprop.
D	Silicone
E	Viton

*Standard packaging for supply is 20 Cartridges / Box
 **For different configuration please contact Customer Services