

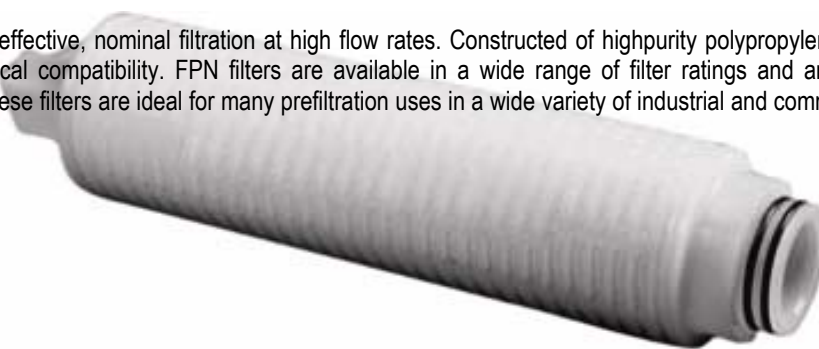
PLEATED CARTRIDGES

series FPN

POLYPROPYLENE MICROFIBER

(0.2, 0.45, 1, 2, 3, 5, 10, and 30 μm Efficiency >98%)

FPN filters provide cost-effective, nominal filtration at high flow rates. Constructed of highpurity polypropylene microfiber media, these filters offer broad chemical compatibility. FPN filters are available in a wide range of filter ratings and are constructed of all FDA-acceptable materials. These filters are ideal for many prefiltration uses in a wide variety of industrial and commercial water and chemical processes.



Ideal for fluid clarification, these filters offer high flow rates, long service life and high throughput for premium value. FPN filters are nominal rated for air, gas and liquid filtration with low pressure drop across the wide range of 0.2 to 30 micron. The graded sheets of melt-blown media are layered to provide high solids loading and long service life.

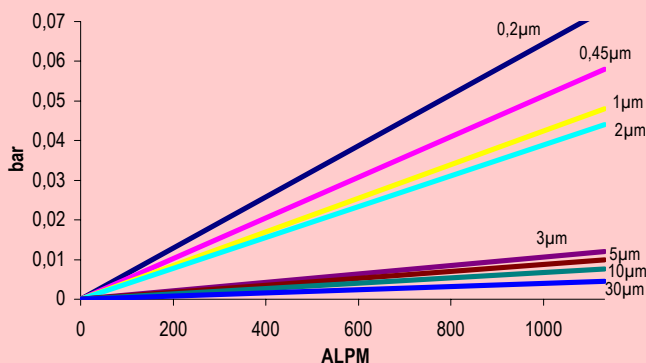
The FPN filter is just one example of our strong commitment to fluid treatment. Our complete range includes filters for every stage of processing, and we offer customized solutions to your unique applications. FILTERS is your complete source for filters, housings and other filtration equipment.

Whether you require an integrated solution or a single component for a specific application, look to FILTERS first. From one end of the filtration spectrum to the other, FILTERS has a total commitment to fluid purity.

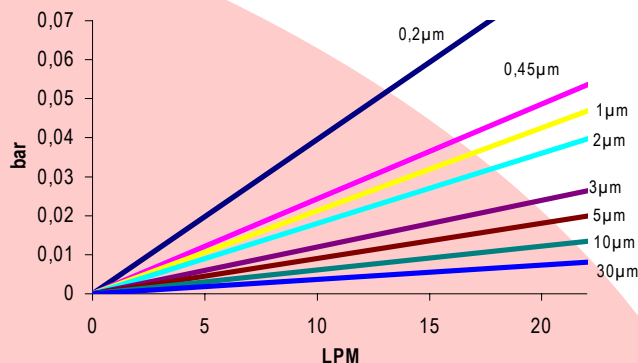
FPN ADVANTAGES

- Broad chemical compatibility
- Nominal filtration
- High throughput
- SDI reduction
- High flow rates
- Minimal pressure drop
- Cost-effective prefiltration
- Optimized pleat depth and density
- All FDA-acceptable materials
- Excellent pharmaceutical prefiltration

PRESSURE DROP (AIR)
for 10" height element



PRESSURE DROP (WATER)
for 10" height element



ALPM = Actual liter per min.

SPECIFICATIONS

Effective Filtration Area for 10-inch Equivalent

0.2µm	0.48 m ²
0.45µm	0.57 m ²
1.0µm	0.62 m ²
2.0µm	0.62m ²
3.0µm	0.64 m ²
5.0µm	0.64 m ²
10.0µm	0.67 m ²
30.0µm	0.67 m ²

Operational Data

Maximum Rated Differential Pressure

Forward flow 4.14 bar

Reverse flow 2.07 bar

Maximum Rated Operating Temperature

82°C at 0,69 bar in water.

Cartridge Dimensions

(Nominal)

Outside diameter 2.75 inches (70 mm)

Inside diameter 1.25 inch (31 mm)

APPLICATIONS

FPN filters are designed for general filtration. Typical applications include:

General Water Filtration

High flow rates

Chemical Filtration

Broad chemical compatibility

Reverse Osmosis (RO) and Deionization (DI)

Feedwater Filtration

High throughput

ORDERING CODE

FPN			01		1		F		H		V	
Element Model	Filtration Rating µm	Code	Height Inch	Code	End # 1 Adapter	Code	End # 2 Adapter	Code	Elastomer Material	Code		
FPN	0.2	92	10	1	Open End Gaskets	A	Open End Gaskets	A	BUNA-N	B		
	0.45	94	20	2	120 O-Ring	B	120 O-Ring	B	EPDM	E		
	1.0	01	30	3	213 O-Ring	C	213 O-Ring	C	Silicone	S		
	2.0	02	40	4	222 O-Ring	E	Close end caps	G	Teflon	T		
	3.0	03			226 O-Ring	F	Fin adapter	H	Viton	V		
	5.0	05			020 O-Ring	J						
	10.0	10			222 O-Ring Stainless Steel Support Ring	Q						
	30.0	30			226 O-Ring Stainless Steel Support Ring	Z						

