

pleated filter

High Dirt Holding

Long Life

Low Cost

Various MOC

Wide range

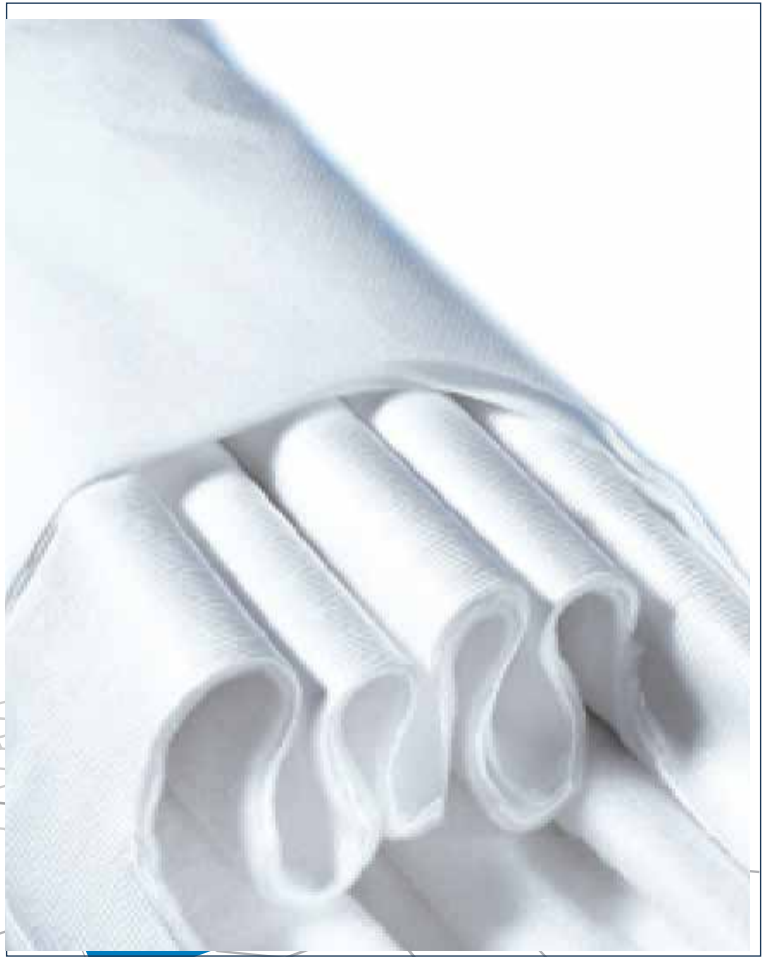
Consistent Performance

Consistent Performance

High Surface Area



MICROBAG
Bag Filter



Bag Filter

PHARMA | BIOTECH | FOOD & BEVERAGES | CHEMICAL



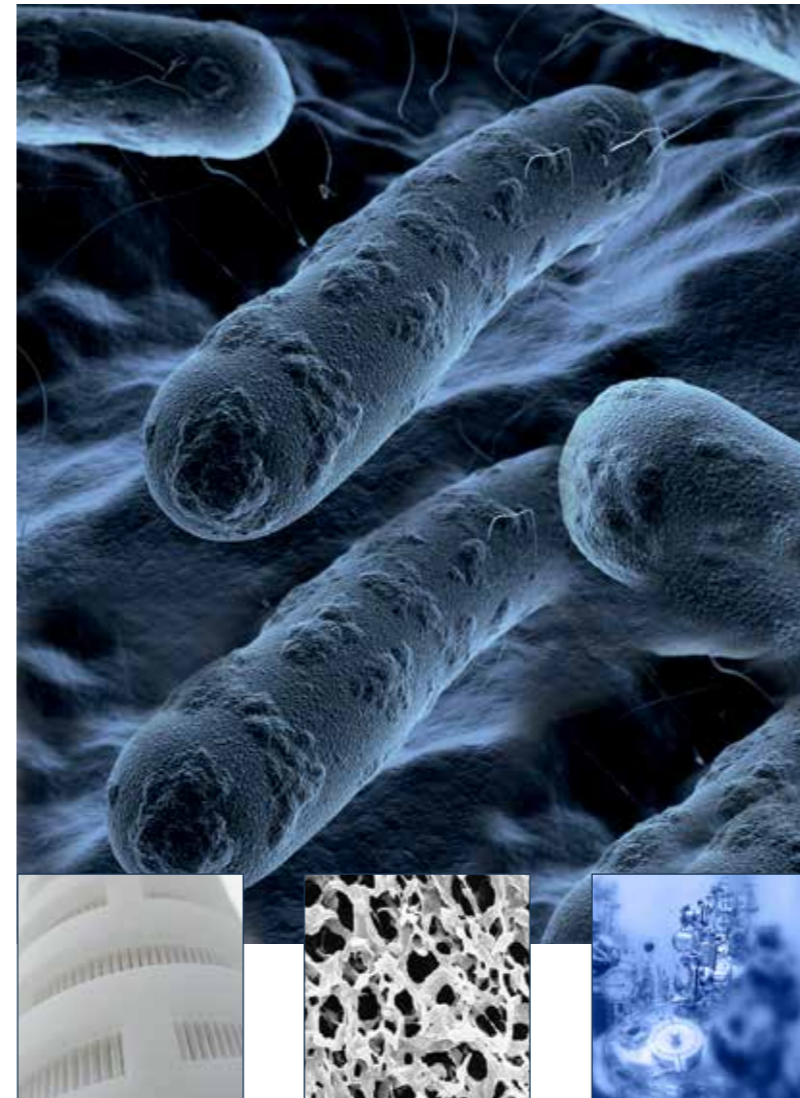
high dirt holding



MICROBAG Filter bags are the most economical filtration media for filtration of highly viscous fluids like oil and for fluids with high levels of solid content. MICROBAG has high surface area and dirt holding capacity. MICROBAG filters are fabricated using high dirt holding media that provides consistent particle retention. Longer life reduces purchase cost, downtimes due to change outs, and disposal costs and thereby reducing the overall filtration cost as compared to cartridge filters. MICROBAG filter's unique, graded layering of media starting with a built in pre-filter inner layer and progressing to the tighter outer layer ensures the particles are systematically removed as fluid travels through multiple layers with each individual layer performing a special function.

Features and Benefits

100 % Purity of components components	Provides extremely wide chemical compatibility and permits in a broad range of fluids and applications
Fixed pore structure, consistent particle removal	No migration of filter media, no fiber releasing
Contains no binder no additives	Maximum chemical resistance with minimum extractable.
Specially designed sealing collar	Ergonomically designed handle for ease of bag removal
Controlled media specifications	Predictable performance for desired filter effluent quality
Biologically inert and Non toxic	Meets FDA requirements for food contacts use and is bio safety in compliance with USP class VI biological reactivity test
High surface area	Enables extremely economical installations and compressor energy savings due to high flow rates and low pressure drops
Welded side seams and thermal treated exterior surface	Control of fiber migration and subsequent downstream fluid contamination vessel design



Material of Construction	
Filter Media	PP, Polyester, PTFE, Cotton, Glass fiber, Nylon
End Connections	Sentinel, Snap ring

Micron Rating	
Microns (μ)	0.5, 1, 3, 05, 10, 15, 25, 50, 75

Standard Sizes (Nominal)				
Size	1	2	3	4
Length (inch)	17	32	9	17
Outer Diameter (inch)	7	7	4	4

Filtration Area (Nominal)				
Size	1	2	3	4
Area [m ²]	0.24	0.46	0.05	0.15

Operating Parameters	
Temperature °C [Max]	PP-70°C, Polyester, Cotton, Glass, Nylon-120°C
Pressure [Max Δp] Bar	2.1 @ 60°C 2.1 / 30.45 @ 82°C
Steam Sterilization °C [Max]	121°C / 30 mins
Recommended Changout (Δp- Bar)	1.4

High Dirt Holding

Wide Materials Choices

High Efficiency

High Flow rate

Ease of Use

Low Cost

CHEMFILT

Automotive, Solvents, Lubricants, Metalworking Fluids,

COATFILT

Paints, Coating, Inks, Dispersions

OILFILT

Oil

BEVFILT

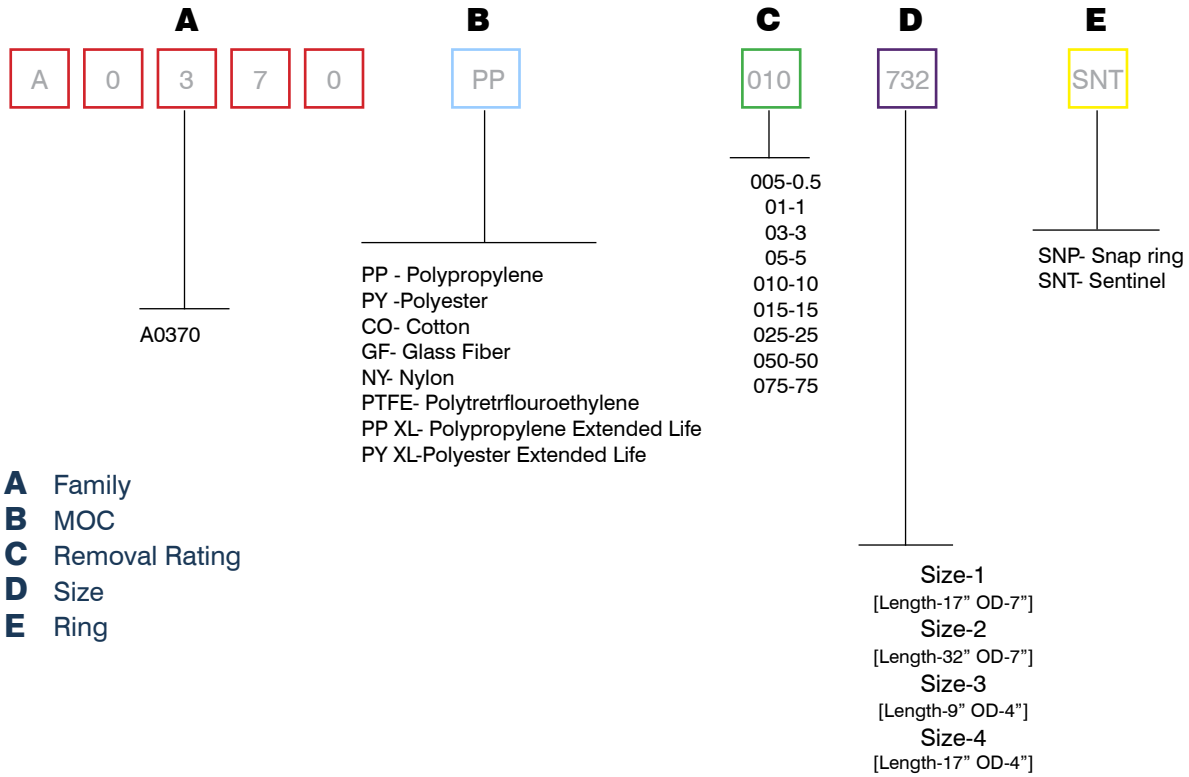
Edible Oil

LIFEFILT

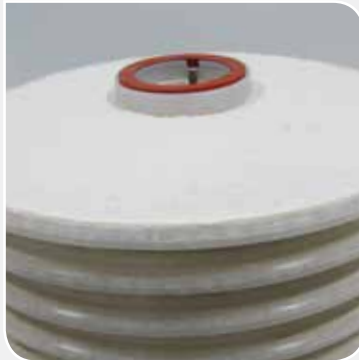
Cosmetics, Fragrances

WATERFILT

RO Pretreatment



- A** Family
- B** MOC
- C** Removal Rating
- D** Size
- E** Ring



www.microfiltindia.com

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Note: Specifications and dimensions may change. Please check with us before ordering.