

FEPL PLEATED BAGS FOR BAG FILTERS

With NEW "QUICK TURN" Adjustable Height Bottom Configuration

Pleated bags FEPL give up to 12 times the filtration that normal bags do. These pleated bags are easy to use. Also, when removing the dirty cartridge, the contamination does not wash or slide off. They are just like cartridge elements, providing more surface area, thus giving more dirt-holding capacity. When you have a filter that requires frequent changing, pleated bags are the way to go.

The seams are not sewn, they are sonically welded, to prevent leakage or any contamination by-pass. The top sealing flange and the bottom flange are also sonically welded to the pleated cylinder.



This is a pleated filter bag made of polyester or polyester micro-fiber material. It has ultrasonic bonded polypropylene end caps. The bottom has an extended polypropylene end with a male, threaded bolt. Diamond shaped points at the bottom of the bolt (shown at left) are designed to insert into the perforated holes in the bottom of the filter bag basket.

The pleated filter bag can then be turned clockwise to adjust the height. When the filter is at the proper height, the top flange will be seated into the filter bag basket. This will insure the pleated filter bag bottom will sit securely into the basket bottom.

With the direction of the flow inside-out, all the pressure is pushing on the exterior walls and bottom of the pleated filter bag. Without the bolt configuration and the seat against the basket, the bottom seal would be broken rendering the filter useless and compromising the filtration and the health of the system.

Always remember, if the filtration breaks down, the system will break down!

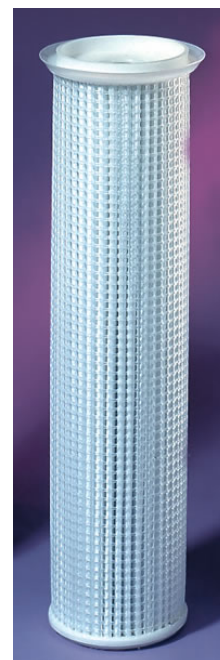


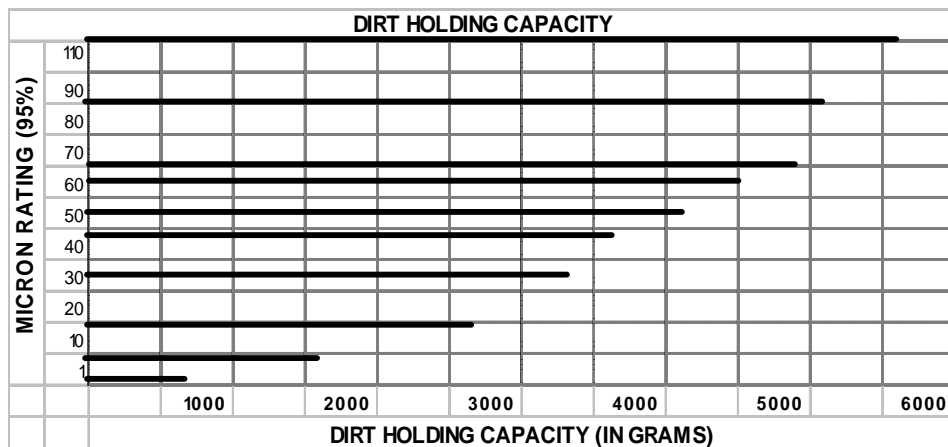
PLEATED BAG AREA COMPARED TO STANDARD FILTER BAGS

BAG SIZE	STD BAG m ²	PLEATED BAG m ²
1	0.2	1.5
2	0.4	2.3

Other features include:

- Micron ratings available are from 1 to 110 at 95% efficiency
- Three different top sealing flanges to fit your basket
- Available in the following sizes - 1 and 2
- Low pressure drop
- Available in micro fiber (polyester and polypropylene) and standard polyester and polypropylene





CHEMICAL COMPATIBILITIES

	BAG MATERIALS	
	POLYESTER	POLY-PROPYLENE
ORGANIC SOLVENTS	GOOD	GOOD
ANIMAL, VEGETABLE, & PETRO OILS	GOOD	GOOD
MICRO-ORGANISMS	GOOD	GOOD
ALKALIES	GOOD	GOOD
ORGANIC ACIDS	GOOD	GOOD
OXIDIZING AGENTS	GOOD	GOOD
MINERAL ACIDS	GOOD	GOOD

EXCELLENT
GOOD

PLEATED FILTER BAG PERFORMANCE RATINGS

Below is a comparison chart of different filter bags, their efficiency, and their capacity.

PE..EX = Microfiber polyester PO..EX = Microfiber polypropylene PE = Standard polyester PO = Standard polypropylene

EFFICIENCY %	30	50	66	80	90	95	98	98.7	98.75	99	99.8	99.95	99.98	99.99	ELEMENT AREA m ² size 2 bag	FLOW RATE (lpm) size 2	DIRT HOLDING CAPACITY (kg) size 2
BETA RATING	1.5	2	3	5	10	20	50	75	80	100	500	1000	2000	10000			

PLEATED PE...EX/PO...EX BAGS

PE..EX / PO..EX-1					1	1				2					2,3	140-400	0,7
PE..EX / PO..EX -5						5				7				10	2,3	140-400	1,5
PE..EX / PO..EX -10						10				19					2,3	140-400	2,5
PE..EX / PO..EX -20						20				25					2,3	140-400	3,0

PLEATED STANDARD PE/PO BAGS

PE / PO -50						50									2,3	200-400	4,5
PE / PO -75						75									2,3	200-400	5,0
PE / PO -100						100							150		2,3	200-400	5,5

HOW TO ORDER PLEATED FILTER BAGS:

EXAMPLE: FEZ-PL - 4 - PE - 001 - EX

bag sized pleated cartridge -PL

bag size
3 = dia. 181 mm x 287 mm length
4 = dia. 181 mm x 668 mm length

material
standard polyester = PE
standard polypropylene = PO

material
microfiber polyester = PE-...-EX
microfiber polypropylene = PO-...-EX

micron rating
PE...EX / PO...EX = 1, 5, 10, 20
PE / PO = 50, 75, 100

Note :

- 1) for bag size 1 (1,5 m²) performances take 2/3 of size 2 (2,3 m²) bag
- 2) max. working temp. 107°C
- 3) max. pressure difference up to 2 bar