

BPOMF Microfiber filter bags



- Proprietary polypropylene, triple-layer construction adsorbs hydrocarbons from air, gas and aqueous streams for clearer results
- Non-foaming microfiber offers product cleanliness, high performance and longer service life
- Easy change-out reduces down time
- High void volume means longer service life, higher contaminant loading and reduced waste loads
- Outer cover prevents fiber migration to reduce waste
- PolyLoc® ring creates a hermetic seal within a vessel housing to prevent liquid bypass

The Polymicro microfiber filter bags (POMF) provide outstanding performance for applications requiring higher filtration efficiency. The BPOMF contains three layers: a pre-filtering layer to remove coarse debris; the primary filtering layer, composed of micro pores (for efficient particle retention); and polypropylene cover that prevents fiber migration.

The finish-free fibers are non-foaming, which is ideal for food, beverage, water, chemical and coating applications.

Bags are made from polymicro microfiber which provides higher performance and outstanding filtration efficiency, as well as achieving lower pressure loss what results in longer service life.

BPOMF bags are made from materials which comply with FDA (Food and Drug Administration) directives, allowing the bags for contact with food and pharmaceuticals.

BPOMF OA bag contains another layer made from material which is capable to retrieve oil.

In the standard design, bags contain Polyloc® rings.

Chemical and temperature resistance

Fabric	Polypropylene
Weak acids	Excellent
Strong acids	Excellent
Weak alkali	Excellent
Strong alkali	Excellent
Solvents	Fair
Temp. F°	200 - 220°

BPOMF Microfiber filter bags



These photos clearly demonstrate the dramatic advantage of the weld liquid filter bag over conventional sewn seam bags. Conventional sewn seams contain needle holes that measure up to 1200 micron.



Dimension of standard filter bags

Size	1	2	3	4	4L	30	65
Diameter [mm]	180	180	102	102	102	102	102
Lenght [mm]	420	815	203	360	380	250	560
Surface area [m2]	0.25	0.50	0.07	0.12	0.12	0.08	0.18

Ordering information

Type	Micron rating	Cover	Size	Ring
BPOMF = Felt polypropylene	1	P = Plain	1	P = Polypropylene collar
	2		2	
	10		3	S = Carbon steel ring
	25		4	
	90		4L	SS = Stainless steel ring
	OA*		30	
			65	

*OA - Special design, 25um