

PONG & PENG Felt filter bags



PO Bag Filters are produced from non-inserted polypropylene felt with a glazed surface finish. The standard bag incorporates the polypropylene ring and with the welded seam design. The welded seams completely eliminate the possibility of unfiltered liquid bypass occurring due to needle holes. The benefits are a tighter seam, higher bag efficiencies and improved finished product yields. In addition, the fused edges of our bag provide a fiber-free finish and virtually eliminate fiber migration. Most filter bags come standard with the patented polypropylene sealing ring. The top, together with the polypropylene snap-fit ring, creates a hermetic seal within a vessel housing to prevent liquid bypass. A wide assortment of collar and ring types are available to ensure compatibility with most bag vessels on the market. PO Bag Filters are used in a wide range of applications such as: electrical power industry, chemical and petrochemical, paint and varnish industry, wastewater treatment plants and etc.

- 100% welded seams.
- Glazed finish eliminates fiber migration to reduce waste.
- Contaminants are trapped inside bag for clearer results.
- Silicone free to prevent craters to provide better surface results.
- Easy change-out reduces down time.
- Offered with plastic and metal rings.
- No additives, such as resins or binders.



Filter bags come standard with the polypropylene collar (far left), which creates a hermetic seal within the vessel housing, preventing liquid bypass. Many other ring options are available, such as a 304 stainless steel ring (near left).

Chemical and temperature resistance

Fabric	Polypropylene	Polyester
Weak acids	Excellent	Very Good
Strong acids	Excellent	Good
Weak alkali	Excellent	Good
Strong alkali	Excellent	Poor
Solvents	Fair	Good
Temp. F°	200 - 220°	275 - 325°

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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
Length [mm]	420	815	203	360	380	250	560
Surface area [m ²]	0.25	0.50	0.07	0.12	0.12	0.08	0.18

Ordering information

Type	Micron rating	Cover	Size	Ring	Suffix
BPONG = Felt polypropylene	1	P = Plain (no cover)	1	P = Polypropylene collar	WE = Welded seam construction
	3		2		
BPENG = Felt polyester	5		3	S = Carbon steel ring	C = Cotton handle
	10		4		
	25		4L	SS = Stainless steel ring	
	50		30		
	75*		65	PE = Polyester collar	
	100				
200*					

* only polyester bag filters