



# Precision Filtration (Shanghai) Co., Ltd.

Data Sheet • Needle Felt Filter Bag

Industrial Liquid Filtration Solutions

## PE PO NOMEX PTFE Needle Felt Fiber Filter Bag

We have a wide choice of filter medium from 0.2 micron to 1,200 micron, different material composition to ensure its Chemical compatibility. High quality control in our construction of filter bag ensure no fiber migration during filtration process and no contamination to your liquid.

- FDA compliance per 21 CFR 177, suitable for food & beverage application
- Silicone free needle felt
- Fully welded construction to eliminate any possibility of by pass
- Ring bag for affordable and reliable commonly used to meet your general applications
- Extended life bag: POXL,PEXL with unique needle felt fiber construction of doubling the pore space within but significantly increase the dirt holding capacity, life time up to 4 times, cost saving for same performance.



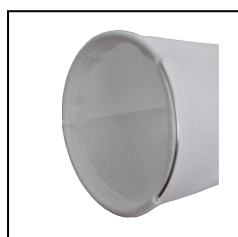
### Filter Bag Standard Sizes

Size No.	Diameter	Length	Flow Rate	Filter Area	Volume
# 01	182mm	420mm	20m <sup>3</sup> /h	0.25m <sup>2</sup>	8.0 L
# 02	182mm	810mm	40m <sup>3</sup> /h	0.50m <sup>2</sup>	17.0 L
# 03	105mm	235mm	6m <sup>3</sup> /h	0.09m <sup>2</sup>	1.30 L
# 04	105mm	385mm	12m <sup>3</sup> /h	0.16m <sup>2</sup>	2.50 L
# 05	150mm	550mm	18m <sup>3</sup> /h	0.20m <sup>2</sup>	3.80 L

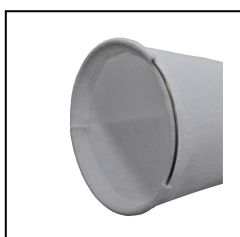
Custom size also available upon request



## Filter Bag Ring Options



"S"  
Steel Ring (STD)



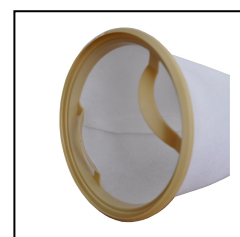
"A"  
Stainless steel Ring



"E"  
Polypropylene Ring



"H"  
Polyester Ring



"N"  
Nylon Ring

## Filter Bag Selection

Material	Work Temperature	Micron Retention Ratings Available												
		0.2	0.5	1	5	10	25	50	75	100	150	200	250	300
PO Polypropylene	<80°C	•	•	•	•	•	•	•	•	•	•	•	•	•
PE Polyester	<120°C		•	•	•	•	•	•	•	•	•	•		
POXL Polypropylene Extended Life	<80°C	•	•	•	•	•	•	•	•	•	•	•		
PEXL Polyester Extended Life	<120°C	•	•	•	•	•	•	•	•	•	•	•		
NOMEX	<200°C			•	•	•		•		•				
PTFE	<260°C			•	•	•	•							

## Ordering Information

Material	Micron Rating	Bag Size	Bag Top Style
PE, PO, PEXL, POXL, NMO, LCR, AGF, PGF, NOMEX, PTFE	0.2, 0.5, 1, 5, 10 25, 50, 75, 100, 150 200, 250, 300, 400 600, 800, 1000, 1200	01, 02, 03, 04, 05	S, A, E, H, N

Sample	PO-	10-	P02-	E
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