

PP/PE Series – Needled Felt Filter Bags



**PP/PE Series
Needled Felt Filter Bags**

- Micron ratings of 1 to 200**
- FDA certified**
- Pure polypropylene melt blown fiber**
- Needled felt structure provides durability and flexibility**
- Sonically welded construction ensures**
 - Leak proof seams
 - Improved seam strength
 - No by-pass
- Glazed finish to prevent fiber migration**
- Suitable for high flow applications**
- Compatible with low and medium viscosity fluids**
- Silicone and oil free**
- Easy to clean**
- Collar options**
 - Self-sealing plastic
 - Stainless steel
- Recommended uses**
 - Chemical filtration – lubricant
 - Electronics – Recycled water
 - Food – syrups
 - Petroleum – Amine
 - Pharmaceuticals – raw medicine
 - Water treatment – pre-filtration
 - Automotive – electrophoretic paint

Specifications

Item	Technical data
Micron ratings (micro)	1 5 10 25 50 80 100 150 200
Material of construction	Polypropylene, Polyester
Length (inch)	8 14 17 32
Diameter (inch)	4 7
Filtration area (ft)	0.7 1.7 2.7 5.4
Chemical Resistances	Polypropylene: Water, Salt, Strong acid, Alkali Polyester: Water, Aromatics, Weak acid, Alkali
Industry	Chemical, Electronics, Food, Petroleum, Pharmaceuticals, Water treatment, Automotive
Maximum working temperature	Polypropylene: 176 °F Polyester: 338 °F

Siz	Filtration Area (ft)	D(inch)	L(inch)
01	2.7	7	17
02	5.4	7	32
03	0.7	4	8
04	1.7	4	14

Product Codes			
PE-	050-	02-	S
Bag Material	Micron Rating	Bag Size	Collar Type
PE = Polyester PP = Polypropylene	001 = 1micron 005 = 5microns 010 = 10microns ...up to... 200 = 200microns	01 02 03 04	PF = F Type Plastic PG = G Type Plastic S = Stainless steel

Example:
PE-050-02-S