



RATTAN FILTERS®

LIQUID FILTRATION



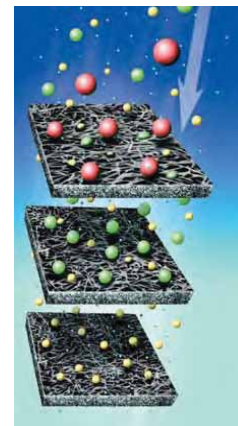
Liquid Media

Rattan Filters® provides liquid filter solutions for all type of applications. Our wide range of technologies and extended know-how in all liquid-related sectors will guarantee you a cost-efficient solution meeting your liquid quality requirements.

We mainly offer both of needle punched filter media and monofilament mesh.

Filter Media	Micron Rating	Finish Treatment
Needle Punched Polyester (PET)	0.5-200	One-side Singed
Needle Punched Polypropylene (PP)	0.5-200	One-side calendering
Monofilament Mesh	25-1500	Heat Set

We provide Length and width on customized request.



Rattan Filters® Media Chemical Compatibility Chart

Filter Media	Temp.(°C)	Aqueous Medium	Aliphatic Solvents	Aromatic Solvents	Alkaline	Strong Alkaline	Acid	Strong Acid	Oils
Polypropylene (PP)	90-110	OK	OK	OK	OK	x	OK	OK	OK
Polyester (PET)	130-150	OK	OK	OK	OK	x	OK	OK	OK
Nylon Monofilament(NMO)	140-160	OK	OK	OK	OK	OK	x	x	Fair

For further information or product specifications (data sheets) you can get in touch with us



Liquid Filter Bag

Rattan Filters® provides liquid Filter Bags offer economical filtration for a wide array of applications. Highly controlled manufacturing procedures ensure consistent quality and no contamination.

The unique bag design provide added strength and avoid risk of bypass. Our filter bags fit all industry-standard bag housings.



Monofilament Nylon / Polyester Mesh Filter Bag

Item	1# filter bag	2# filter bag	3# filter bag	4# filter bag
Size (mm)	180*450	180*810	105*230	105*380
Size (inch)	7"*17"	7"*32"	4"*9"	4"*15"
Tolerance	≤0.3-0.8(mm)			
Bag Area (Sq. m)	0.25	0.5	0.09	0.16
Material	100% nylon mesh/100% polyester mesh			
Neck Material	Stainless Steel or Plastic (PE/PP)			
Filtration pressure:1.03-1.72 (kg/sq.cm)				
Nylon Mesh Filter Bag works < 140°C, Polyester Mesh Filter Bag works < 130°C				

Polypropylene / Polyester Felt Filter Bag

Item	1# filter bag	2# filter bag	3# filter bag	4# filter bag
Size (mm)	180*450	180*810	105*230	105*380
Size (inch)	7"*17"	7"*32"	4"*9"	4"*15"
Tolerance	≤0.3-0.8(mm)			
Bag Area (Sq. m)	0.25	0.5	0.09	0.16
Material	100% PP Media/100% PE Media/100% Aramid Media/100% PTFE Media			
Neck Material	Stainless Steel or Plastic (PE/PP)			
Filtration pressure:1.03-1.72 (kg/sq.cm)				

More customized bags are available on request.



Liquid Filter Bag

Extended Life Felt Filter Bag

- Extended life filter bags are designed for longer service life, which can be reduced operating costs.
- The unique blend of fibers in extended life media offers 2 to 5 times the dirt holding capacity of traditional felt material.
- 100% thermally bonded construction provides excellent sealing characteristics in most industry standard filter bag housings.



High Performance Felt Filter Bag

- Rattan Filters High Performance Bags have been tested under true filtering conditions to perform in the most demanding applications.
- Rattan Filters® High Performance Bag offers you 96% to 99% efficiency.
- 26 Layers pleated brings depth filtration.
- Fits into any standard size ring.



Oil Absorption Filter bag

- Rattan Filters® Oil Absorption Filter bags use 100% PP melt-blown fibers, enhancing the fiber absorbing capability with special treatment. The melt-blown PP fibers have excellent hydrophobic and oleophilic properties, and have quick oil absorption at a great amount.
- The multi-layer composite oil absorption filter bag not only can absorb tiny oils in liquid, but it also provides higher dirt capturing ability and excellent chemical resistance.
- This model of filter bag is designed to remove micro-contents of oils in liquids and can also capture tiny particles in liquids.



More Speciality & Custom Bags are available on request.



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