



LIQUID FILTERS

PRODUCT CATALOGUE



SUN FILTRATION

ABOUT US

Sun filtration manufactures high quality filtration products for liquid and air filtration. All our Filtration products are high quality and international standard. SUNFIL Liquid Filters are used in Automotive Paint shop, RO Plants, Inks & Coatings, Adhesives, Food Oil, Chemical Factories and any liquid require filtration. SUNFIL Air filters are used in Automotive, Pharmaceutical Industries, Food Industries, Hospitals, Hotels, Chemical Labs, Etc.



FILTER BAGS

Sun Filtration manufactures high quality liquid Filtration products. Sunfil offers Polypropylene, Polyester, Nylon Monofilament Mesh (NMO) filter bags for various industrial liquid filtrations.



SUNFIL Filter bags are Sewn/Welded construction. Welded Filter bags are double protecting from damage in seams. Bottom seams are 100% welded both strong and flexible allows the filter bag to conform to the shape of the retainer basket creating support as differential pressure builds. Welded construction completely eliminates unfiltered liquid bypass from occurring due to needle holes.

Parameter of SUNFIL Filter Bags

Size symbol	Filtration area(m ²)	Max Flow Water (m ³ /hr)	Volume(L)	Diameter	Length
P1S	0.25	20	8.0	7inch(180mm)	17inch(450mm)
P2S	0.50	40	17.0	7inch(180mm)	32inch(810mm)
P3S	0.09	6	1.3	4inch(108mm)	9inch (230mm)
P4S	0.16	12	2.5	4inch(108mm)	15inch(380mm)

Chemical Compatibility & Max Welding Working Temperature

Filter Media	Acids	Bases	Solvents	Oxidizing Agents	Deg "C"
Polyester (PE)	Good	Good	Excellent	Limited	150 - 170
Polypropylene(PP)	Excellent	Excellent	Excellent	Excellent	90 - 110
Nylon (NMO)	Fair	Good	Excellent	Fair	150 - 170

APPLICATON

- Paints, Inks, Coatings
- Resins
- Adhesives
- Water
- Food Oil
- Any liquid needed filtrated

POLYPROPYLENE FILTER BAGS

Material	: Quality polypropylene needle felt
Micron rating	: 0.5 – 500 micron
Construction	: Welded / Sewn
Collar type	: Steel ring or Plastic ring
Welded method	: welded added heat seam



POLYESTER FILTER BAGS



Material	: Quality Polyester needle felt
Micron rating	: 0.5 – 500 micron
Construction	: Welded / Sewn
Collar type	: Steel ring or Plastic ring
Welded method	: welded added heat seam

NYLON MONOFILAMENT (NMO)

Material	: Quality Nylon Monofilament Meshes
Micron rating	: 25 – 1000 micron
Construction	: Sewn
Collar type	: Steel ring
Sewn method	: Five-thread flat lock
Features	: Nylon Monofilament filter bags are washable, has a special ribbon to avoid bypass from needle holes.



OIL ABSORPTION FILTERS BAG



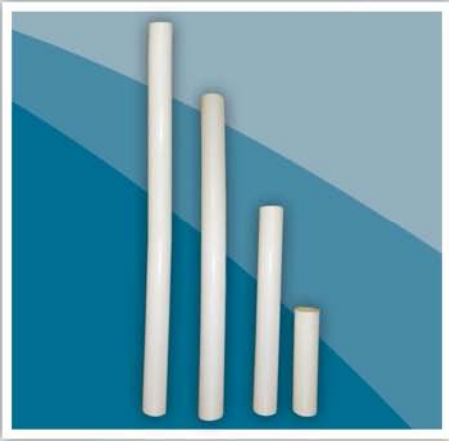
Oil-out laminated polypropylene filter Bags are the first line of defense in trace oil removal. This unique structure combines a polypropylene felt with a polypropylene micro-fiber, laminated together to provide excellent dirt holding capacity with extended oil removal capabilities. Oil-out filter bags are available in all industry standard sizes with a 10 micron nominal retention level.

DUAL FILTER BAG

- Material : Inside Quality polypropylene needle felt + Outside Nylon Monofilament Mesh
- Micron rating : 10 – 200 micron
- Construction : Sewn
- Collar type : Steel ring



PP SPUN-BONDED FILTER CARTRIDGE



Spun-boned PP filter cartridges are coreless filter elements purely made of polypropylene by spun-bonded technology.

Applications:

1. Residential and commercial treatment
2. Fine chemical, reagent, solvent, resin.
3. Coating
4. Edible oil
5. Liquor, juice, sugar
6. Make-up water

WOUND STRING FILTER CARTRIDGE

Wound string filter cartridge are structured loose outer layers and tight layers which can offer true depth filtration for high dirt holding capacity and extremely and chemical compatibility.

Features:

1. Fits all the standard housings.
2. Low pressure drop, high dirt holding capacity and long service life.
3. Loose outer layers and tight inner layers offers effective depth filtration.
4. Various filter media fit with various applications.



MEMBRANE PLEATED FILTER CARTRIDGE



The filter cartridge has the characteristics of excellent chemical compatibility, high flow rate, low pressure difference, long life, low price, wide filtration precision and it can be used in different places.

Features:

1. 100% pure polypropylene construction
2. Wide chemical compatibility
3. No lubricants or anti-static additives
4. Excellent dirt holding capacity
5. Consistent filtration over the life of the cartridges

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