



ESP SERIES

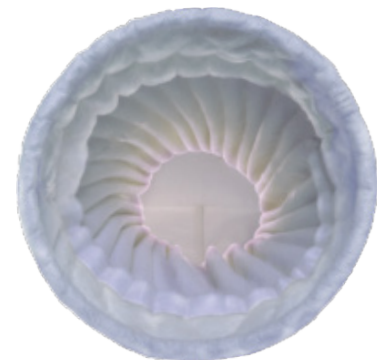
High Efficiency Bag Filters

- Internal Pleat Bag Filters
- Nominally Rated
- Universal

High efficiency bags constructed of 100% pure polypropylene.



Top View



For more information, please contact info@fil-trek.com or visit Fil-Trek.com

SUITABLE USES



Air & Gas



Desalination



Coolant



Water



Electronics



Coatings



Oil & Gas



Chemical



Pulp & Paper



Power



Marine



Equipment

- SOLVENTS
- COATINGS
- PAINTS
- ADHESIVES
- BULK CHEMICALS
- COOLANTS
- INKS
- WATER
- RESINS
- PETROLEUM OILS

ADDITIONAL FEATURES

Internally pleated, nominally rated polypropylene and polyester bag filters.

Reliable retention ratings from 1µm to 100µm.

Designed for applications with high flow rates.

Two internal layers of pleated felt provide 4 times the life of a standard single layer bag filter.

Available in a standard P2 bag size and are compatible with most industry standard housings.

Broad chemical compatibility.

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BAG SPECIFICATIONS

MAXIMUM DIFFERENTIAL PRESSURE 35 PSIG @ 200°F (93°C)

DIMENSIONS

P2 7.0" dia. x 32" long

MATERIALS OF CONSTRUCTION

Media Polypropylene
Polyester

Flange/Collar Polypropylene
Galvanized steel
Stainless steel

TEMPERATURE LIMIT Polypropylene @ 200°F
Polyester @ 275°F

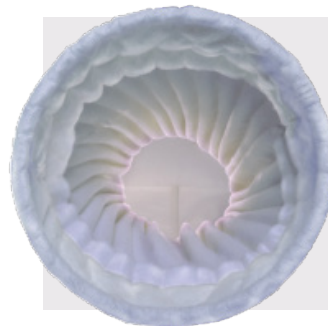
FDA LISTED MATERIALS All materials comply with FDA Title 21 of the Code of Federal Regulations Sections 174.5 and 177.1520 as applicable for food and beverage contact.

FILTER DETAILS

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Fil-Trek's ESP series of bag filters offer four times the life of a standard single layer bag (under normal operating conditions). This unique filter uses two layers of pleated felt media inside the bag creating a pre-filter and final filter prior to exiting the external layer of felt media. These filters will decrease the amount of change-outs needed on a daily basis in turn lowering disposal costs and maintenance costs.

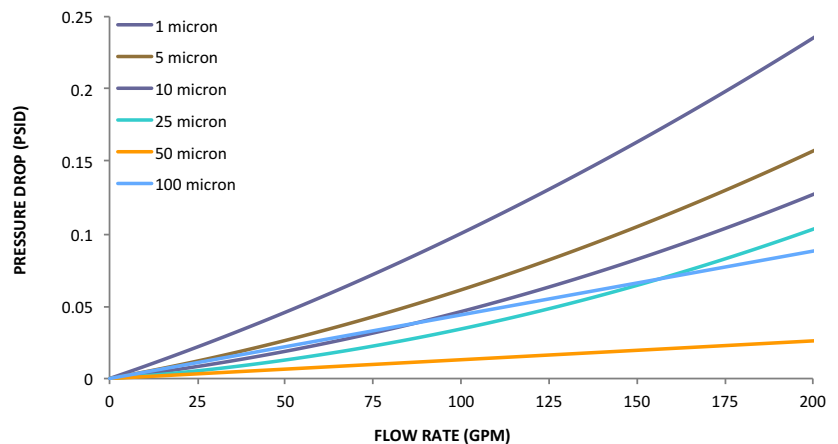
Available in polypropylene and polyester media and sized to fit industry standard P2 bag filter housings, these filters are offered in micron ratings ranging from 1 to 100. Multiple flange materials are available and include standard polypropylene, galvanized steel and stainless steel.



THE INTERNAL PLEATS ARE MADE UP OF 2 LAYERS OR PLEATED FELT. THIS ADDITIONAL USE OF MEDIA EXTENDS THE BAG FILTER LIFE UP TO 4 X

FLOW CHART

PRESSURE DROP vs LIQUID FLOW RATE



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PRODUCT NOMENCLATURE

ESP	PO	5	2	PS	
SERIES	MEDIA	MICRON	SIZE	FLANGE/ COLLAR TYPE	OTHER
ESP	PO - Polypropylene PE - Polyester	1 5 10 25 50 100	2 – 7.06" x 32"	PS - Plastic Sure Seal (Std) CS - Standard Steel Ring SS - Stainless Steel Ring	(-) - None