

Filter Bags for all types of Liquids

HFC Hellenic Filtration Enterprises S.A.



Global Industrial Filtration

HFC Hellenic Filtration Enterprises S.A. is a leader company in Greece for solid removal from liquids.

Our manufacturing site of bag filters is located in Athens distributing our filters and equipment locally as well as in several countries around the world.

We guarantee comprehensive service and customized solutions to our customers.



Liquid Bag Filtration

Liquid Bag filters are suitable for a wide range of industrial applications. Numerous potential benefits could be gained when choosing a liquid filtration system.

These filters have the lowest equipment investment costs, and cover a wide range of process conditions.

Reduction of maintenance time and low expense requirement are their strong advantages.



Applications

The sewn Felt and Monofilament Filter bags are designed to make use of the surface filtration mechanism to trap particles that are longer than the respective mesh opening. HFC Hellenic Filtration Enterprises S.A. liquid bag filters apply to the following market segments:

- Chemicals
- Petrochemicals
- Paint and Lacquer
- Resins
- Inks and Coatings
- Water Treatment
- Food and Beverage
- Edible Oil
- Sugar Processing
- Pharmaceutical
- Cosmetics
- Automotive
- Electronics



Full Range of Filter Bags Materials

Our customers can choose from a complete line of filter media designed to meet the needs of the most demanding applications

Materials

Polypropylene felt which is suitable for the majority of applications.

Polyester felt which should be selected where solvent compatibility and high temperature are required.

Nylon Monofilament which is offered from 5 – 1250 micron for absolute filtration.

Moreover, there are other available media such as Monofilament Mesh, Multifilament Mesh, Teflon and Food Grade.

Bag Filters Micron Rating can vary between 1-1250 μm - nominal or absolute depending on the media.



Polypropylene Felt filter bags

Our Polypropylene liquid bag filters are manufactured with the highest standards of fabrications available.

Characteristics:

Sewn Construction Filter bags

Adaptable to all vessels

Customized Size Options

Micron Rating : 1 , 5 , 10 , 25 , 50 , 100 , 200

Max. Op. Temperature: 110°Celsius

Ring: Carbon Steel , Stainless Steel , Plastic , Flanged

Bag Size :

No1. L 430 mm x D180 mm

No2. L 810 mm x D180 mm

No3. L 230 mm x D100 mm

No4. L 380 mm x D100 mm

No 5. Taylor Made



Polyester Felt filter bags

Our filter bags are manufactured for optimum filtration performance.

They are made of carefully selected media, according to the specifications of the process industry.

Characteristics:

Sewn Construction Filter bags

Adaptable to all vessels

Customized Size Options

Micron Rating : 1 , 5 , 10 , 25 , 50 , 100 , 200

Max. Op. Temperature: 190° Celsius

Ring: Carbon Steel , Stainless Steel , Plastic , Flanged

Bag Size :

No1. L 430 mm x D180 mm

No2. L 810 mm x D180 mm

No3. L 230 mm x D100 mm

No4. L 380 mm x D100 mm

No 5. Taylor Made

- **Polyester Filter Bags can be supplied with Migration Test Certificate.**



Nylon Monofilament filter bags

Nylon Monofilament filter bags cover many applications with demanding chemical and thermal properties.

A number of different neck seal ring styles lessens the risk of particle bypass.

Rings made of Stainless Steel 304 and 316 as well as flange type are sewn on the media providing a strong, reliable and effective product capable of finer filtration at high process flow rates.

Characteristics:

Sewn Construction Filter bags

Adaptable to all vessels

Customized Size Options

Micron Rating : 25 to 1250 μm

Max. Op. Temperature: 190°Celsius

Ring: Carbon Steel , Stainless Steel , Plastic , Flanged

Bag Size :

No1. L 430 mm x D180 mm

No2. L 810 mm x D180 mm

No3. L 230 mm x D100 mm

No4. L 380 mm x D100 mm

No 5. Taylor Made



Ring Free Filter Bags

Ring Free monofilament filter bags are designed for open surface filtration without a bag filter housing.

These filters cover many applications with chemical and thermal properties and are an economic solution to customers' specific demands.

Characteristics:

Sewn Construction Filter bags

Customized Size Options

Micron Rating : 25 to 1250 μm

Max. Op. Temperature: 190°Celsius

Bag Size :

No1. L 430 mm x D 180 mm

No2. L 810 mm x D 180 mm

No3. L 230 mm x D 100 mm

No4. L 380 mm x D 100 mm

No 5. Taylor Made



Multifilament Filter Bags

Multifilament filter bags are manufactured from lot controlled raw media, individually labelled and finished with a total glazing process to inhibit fibre release.



Bag Filter Housings

Our company cooperates with leading bag filter housings manufacturers. A highly diversified range of vessels meet the most demanding customers applications. A number of multibag housings, from stainless steel to engineered plastic vessels are available on standard sizes and upon request.



Accessories

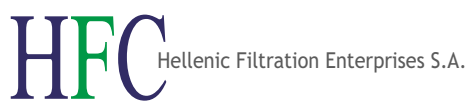
Filter Bag Housing Accessories are available for ensuring the liquid bag filters effectiveness.



After Sales Service

Customer Support Personnel is available to serve the needs of our customers.

Our engineers can ensure the maximum performance of our filters.



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