



# HFT

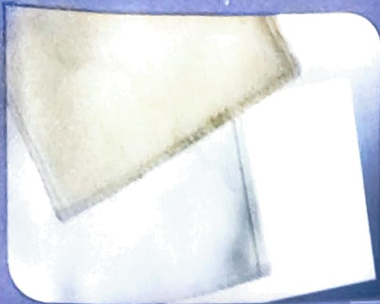
## HARI FILTER TECH

# HARI FILTER TECH

242, Kallavi Road, SAMALPATTI - 635 306,  
Uthangarai - Tk, Krishnagiri - Dt. T.N. India.  
Cell : +91 9943536726, 91 9489341753

Email: [harifiltertech@gmail.com](mailto:harifiltertech@gmail.com)  
[m.thimmarayan@gmail.com](mailto:m.thimmarayan@gmail.com)

**HFT**  
**HARI FILTER TECH**  
 Filter Cloth & Filter Bags



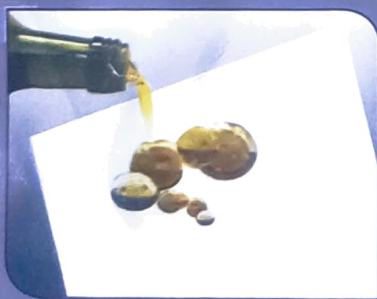
Regular Filter Fabrics



Antistatic Fabrics



Mono filament fabrics



Acid / Alkali Resistance fabrics



Water / Oil Repellant Fabrics

**Regular Filter Fabrics made out of :**

- 1) Polypropylene, spun & Multi-filament.
- 2) Polyester / Terelyne, spun and Multifilament
- 3) Nylon Monofilament & Multifilament.
- 4) Cotton and Cotton Belting.
- 5) P.C.Satin.
- 6) HDPE Mesh Fabrics.
- 7) Woven S.S. Mesh Fabrics.

**Our Specialty Filter Fabrics :**

- 1) Antistatic Fabrics :

The process in solvent base filtration and Dry Powder Filtration static charges gets generated.

If used fabrics or media is poor conductor, very high static charges may build up by friction. With this highly accumulated charges concentration, spark may occur, leading to functional disturbances in process or Explosion may happen.

To avoid such type of incidence and to improve the process safety antistatic fabrics are using.

We manufacture antistatic fabric with carbon yarn, special grade SS yarns in lining and Grid pattern.

- 2) Mono filament fabrics :

We manufacture Monofilaments fabrics in PP, Polyester, and Nylon etc. for filtration application. Also we offer Mono-Multi filament fabric.

Good features of this fabric are

100 % Lint free.

Good abrasion resistance

Excellent cake release due to smooth surface

Higher rate of filtration

Ease to clean etc.

This fabrics widely used in

Filter presses

Belt filters

Vacuum drum filter

Rotary drum filters

- 3) Acid / Alkali Resistance Fabrics :

We manufacture fabric which is suitable from 0.5 PH to 14 PH in Polypropylene and polyester grades. This fabric will not loose its strength in both application areas acidic as well as alkaline.

- 4) Water / Oil Repellant Fabrics :

In the process of powder filtration which contains more % of water or oil this type of fabric used. As the fabric surface repels the water and Oil surface gets non sticky. It enhance Cleaning procedure and reduce cleaning time. Also increase the fabric life due to less washing cycle.

# HFT HARI FILTER TECH

Filter Cloth & Filter Bags



Anti-bacterial fabrics



High Temperature Fabric



Nonwoven Filter Fabrics



Filter Paper and Filter Pads



Centrifuge Bags

## 5) Anti-bacterial Fabrics :

In the process of water base filtration process, there may chances of development and progression of bacteria and fungus, this fabric minimize the chances of development of fungus and other microbial growth. This fabric helps to avoid microbial contamination.

## 6) High Temperature Fabric :

We can offer fabrics like Glass Fiber Fabrics for high temperature process application.

These fabrics are available in various GSM and with special finished treatments like silicon, PTFE, Graphite depend upon application.

## NONWOVEN FILTER FABRICS :

### (NEEDLE PUNCHED & THERMAL BONDED) :

Especial for LIQUID FILTRATION application area we supply nonwoven filter fabrics with special coating like EVA coated which makes fabrics lint free. And also this type of regular fabrics are using in Dry Filtration application like powder filtration, Cement Industries etc.

We can supply nonwoven fabrics and it's made ups in Polypropylene, Polyester, Polyphenylene Sulphide (PPS) - RYTON, Meta-aramide-NOMEX, Poly-amide etc.

We can supply this material with special feature like Antistatic fabrics with S.S. Grids, Oil-water Repellant, Silicon / PTFE coating etc.

## FILTER PAPERS AND FILTER PADS :

We offer complete range of filter papers and pads in varied GSM ranging from 20 GSM to 500 GSM depending upon customers needs., The filter papers are depth filters consisting of Fibers stratified at random. These fibers may be Pure Cellulose, Synthetic polymers, glass or cellulose mixed with other materials such as polymer fibers or asbestos. The mechanism of filtration in this case is extremely complex. Separation is obtained mainly as a result of mechanical retention of the particles. Retention Sufficiency of the paper depends on the porosity, size of the fibers, surface conditions, thickness and compactness of paper. The cake selling on the filter paper forms a secondary filter bed whose characteristics and density considerable influence the further filtering process. Pure cellulosic pad is available in various sizes and configurations for desired applications. The Filters papers in varied is varied Gsm and constructions are available for the filtrations of cutting oil and Coolant.

**We also offer Activated Carbon Filter pad.**

We supply complete range of bags in all type of woven and Non Woven filter media. Selection of filter media is based on customers feedback i.e., Chemical & Physical Properties of the material to be filtered.

### CHEMICAL PROPERTIES

Resistance to Mineral Acids, Mineral Alkalies, Oxidising Acids, Organic Acids, Resistance to Solvents, PH value of the material to be filtered.

### PHYSICAL PROPERTIES

Micronice size of material to be filtered. Density of material, Stickiness of material, Percentage of moisture, Operating Temperature and / or pressure, Volume of material to be filtered. Possibility of developing electrostatic charges, viscosity of matrial.

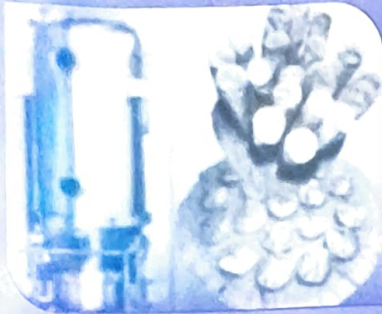
### CENTRIFUGE BAGS

These are most conventionally used bags to separate solid and liquid material of different densities using centrifugal force. We supply following types of C.F.Bags.

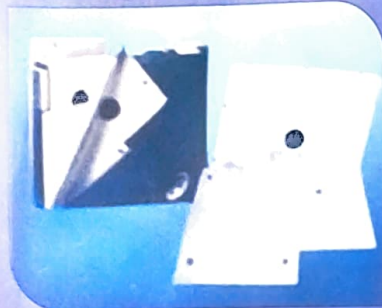
Lifting Type Bags. Basket Type Bags

# HFT HARI FILTER TECH

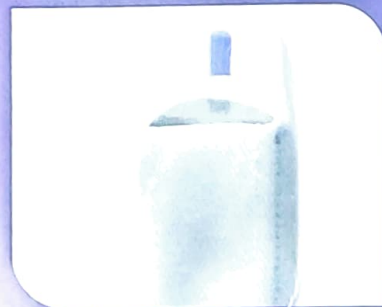
Filter Cloth & Filter Bags



Fbd & Fbe Bags



Filter Press Panels



Overhang cloth for easy installation



Filter Press cloths



EPDM barrel neck  
for demanding applications

## FEB & FBE BAGS

We offer complete range of FBD and FBE Bags As per OEM's drawings and functional use. The selection of proper filter fabric is needs to be done very carefully considering the material's chemical characteristics and the density of the material to be handled. Further, while using any of the synthetic cloth one must see the moisture contents in the material so as to avoid the accumulation of static charges.

## FILTER PRESS PANELS

Filter panel is mostly used when high volume of filtration is required. We offer the filter panel in all sizes for Plate & Frame type and also Recessed type filter presses as per the requirement. The selected filter cloth should have sufficient burst strength and thickness. Further, the weaving construction and GSM of fabric is depends upon the micron rating desired.

### We offer

- Overhang cloth
  - Barrel neck cloth
  - Special press cloth
  - Plate and frame press cloth
- For all types of filter presses

### Main features

- Available in PP, PA (different types)  
PET, PVDF and E-CTFE
- Choice of pore size from 2 to 160 um
- FDA-approved material available
- Welded plastic eyelets
- Double fabric having rubber barrel neck

### Your Benefits

- Optimal chemical and thermal resistance
- High dry content due to fine - tuned fabric choice
- Edge coating avoids dripage
- Easy installation (Velcro fastener, Filmatic,.....)

### Use for Requirement

1) Chemicals 2) Pharmaceuticals 3) Oil Industries  
4) Food Industries 5) Beverages 6) Cement Industries  
7) Organic Chemicals 8) Agro Chemicals 9) Paint ,  
Industries 10) Bulk Drugs 11) Granites etc...  
all type of Filter Cloths Filter Bags Tech.

## HARI FILTER TECH

242, Kallavi Road, SAMALPATTI-635 306,  
Uthangarai-Tk, Krishnagiri-Dt. T.N. India  
Cell: +91 9943536726, 91 9489341753

Email: harifiltertech@gmail.com / m.thimmarayan@gmail.com

Email : harifiltertech@gmail.com