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to Zen

- 1) Adequate Knowledge of Business
- 2) New Product Development
- 3) Bigger Basket Offering
- 4) In House Quality Check
- 5) Timely Delivery
- 6) Our Services
- 7) Optimal Solution
- 8) Commitment
- 9) Trust & Reliability
- 10) Good Business Practices

About us

Established in 21st century, the Company has a great mixture of staff having more than 25 years of filtration Industry experience as well as young and dynamic management professionals who connect with the technological advancements.

We provide complete solution for woven and Non Woven filtration fabrics in all pressure and vacuum filtration application including filter bags, filter press cloth, centrifuge cloth, belt filter cloth, pan filter, drum & disc filter etc. We produce wide range of filtration fabrics in variety of fibre types, widths and constructions. Whether you choose from one of our many proven filtration fabrics or have us custom design a fabric to meet your specific filtration requirements, our experienced fabric experts will deliver the right filtration fabric for your equipment or application.

Industrial woven filter fabrics

- Precision, high tech equipment and manufacturing craftsmanship.
- Step-by-step process for designing, measuring and creating your filter cloth.
- Stronger, more durable high performing cloths customized for your exact application.
- Woven Filter Fabric with Full range of synthetic and natural fibers.
- Lightweight to heavy woven fabrics.
- Monofilament, multifilament, staple (spun) fibre and combination yarn design.
- Satin, twill, plain and special weave patterns .
- Particle Retention Capacity from 1 Micron to 1000 Micron based on the Manufacturing craftsmanship in respect with Yarn Quality.
- Excellent Cake Release & Filtrate Clarity.

Applications

- **Life science** : Active pharmaceutical ingredients, nutraceuticals, agrichemicals.
- **Environmental** : Flue gas desulfurization, fly ash, waste water management, coolant purification
- **Food** : Caffeine, coffee, glutamate, citric acid, starch, gluten, lecithin,
- **Chemicals** : Polymers, silicates, pigments, fertilizer, sulphuric acid, PTA, phosphoric acid, soda bicarbonate, zeolite, catalysts
- **Minerals** : Phosphoric rock washing, rare earth materials, tailings, iron, zinc, coal, copper

Fabric Finishing

- **Scouring** : A process to remove the impurities such as oils, waxes, gums, soluble impurities and dirt commonly found in textile material and produce a hydrophilic and clean cloth.
- **"&\$/#&0+" 1A** process to stabilize the yarns within the fabric to assure the uniformity of the fabric and to eliminate shrinkage when subjected to elevated temperatures in a process application.
- **\$*&+%\$-),'** 1 1 mechanical finishing process used on cloth where fabric is passed under rollers at high temperatures and pressures which increases its smoothness and reduces air permeability.
- **Special !)+).(&.1:** Other special finishes are available upon request.

Fabrication

We have established special state-of-the-art fabrication techniques in order to meet the most stringent quality expectations and performances as well as continuous process and product improvement.

Our Fabricated Products are :

- **Centrifuge Bag**
- **Fluid Bed Dryer Bag**
- **Nutsch Filter**
- **Bag Filter**
- **Leaf Filter**
- **Filter Press Cloth**
- **Vacuum Belt Filter**
- **Rotary Drum Filter**
- **Rotary Disc Filter**
- **Belt Press Filter**
- **Horizontal Disc Filter**

Centrifuge Bags

Centrifuge bags are most often used for clarification of liquid containing high concentrations of solids or removing solids from liquids. They are used in a variety of applications including chemical processing, fertilizers, food processing and others.

- Wide range of Multi & Mono Fabric and also Dual Weave fabric.
- Anti-static fabric • GSM from 200 to 800
- Wide range of pore size and Air permeability range
- Easy installation and Perfect fit • High Seam Strength
- Products are for middle cones, flanging, lifting or unloading devices



Fluid Bed Dryers Bags

Fluid Bed Dryers commonly used in pharmaceutical, food and chemical industries constructed precisely made multi-lube filter bag for maximum filtration area in a confined space.

- Wide variety of conductive and non-conductive materials to fit any application.
- Manufactured in strict compliance with pharmaceutical standards to ensure durability, cleanliness, performance and fit.
- Durable and leak proof • Superior drying.
- Excellent particle capture.
- Excellent resistant to wear and abrasion. • Fit to all dryer.
- High flow rates of FBD bag are coupled with capable particle retention. • Surface is smooth.
- Installation of FBD bag is easy, not complex.



Filter Press Cloth

Filter Press very common in pharmaceutical, waste water, food and mining applications.

- Made of a wide range of mono-filaments and multi-filament, combination and staple fiber fabrics.
- Weight Range up to 1500 GSM.
- Long-lasting use and easy Cleaning optimal cake dryness
Very Easy Separation of the Cake from the Cloth
- Customized Outfitting.
- Air permeability range @200Pa: 0-2800 l/dm² min
Excellent Dimensional stability.
- Have the flexibility to customize products according to customers' needs. Products are overhang cloth, barrel neck cloth, special press cloth, plate and frame press cloth.



Horizontal Disc Filter

Horizontal Disc Filters are specially use for Fine Particle Filtration.

- We also offer monofilament and multifilament fabrics to ensure an optimal disc filter design
- GSM up-to 1500
- Diameter up-to 2 Meter
- Long life and easy maintenance
- Excellent particle retention and cake release capacity.
- State-of-the-art cutting technology to achieve precise and constant dimensions
- Good tensile strength
- Superior quality and high efficiency



Nutsche Filter

Nutsche Filter is a closed vessel designed to separate solid and liquid by filtration under pressure or vacuum and are extensively used in Chemical, Herbal, pharma, agro chemical and the food industry.

- Our Nutsche Filter bags are usually made of POLYPROPYLENE, which is a woven fiber widely chosen for its high strength and excellent resistance to most acids and alkalis.
- Bags are constructed with Flange or Drape
- Exclusively High seam Strength
- Easy Cake Discharge
- Easy in installation and operation



Leaf Filter

Leaf Filters are ideal for Solid-Liquid Separation for fine chemicals processes the leaves are fitted into vertical vessels and horizontal vessels. It is suitable for Food, Chemicals, Medicines and Pharmaceuticals.

- Fabrics include mono and multifilament as well as special weaves for increased dryness and superior operating efficiency
- Simple installation
- Excellent filtration performance and better cake discharge
- Fabrics are Available in various sizes and capacities at the most cost-effective prices.
- GSM up-to 1500 • Easy cleaning • Long service life
- Excellent Dimensions stability



Bag Filter

Spun and Multi-filament Woven filters are generally used with low Energy cleaning methods. Our two-dimensional square of woven mono mesh fabric used for Screening of lower solids with higher accuracy screening. Fabric is made from a smooth uniform Mono-Filament thread woven into a screen with high accuracy and consistency

- Fabrics are in Mono Filament and Multi-filament (Nylon, Polyester, Polypropylene) and available in different sizes and filtration grades.
- Bags are sewn in galvanised steel, stainless steel or cast on plastic ring.
- Excellent particle retention capacity
- Longer Operating Cycles and Lower operating cost .
- High Solid Collection Capacity .



Vacuum Belt Filter

Vacuum Belt filters are used in a wide range of industries for solid / liquid separation processes. They are particularly common in mining, chemical plants and for waste water treatment.

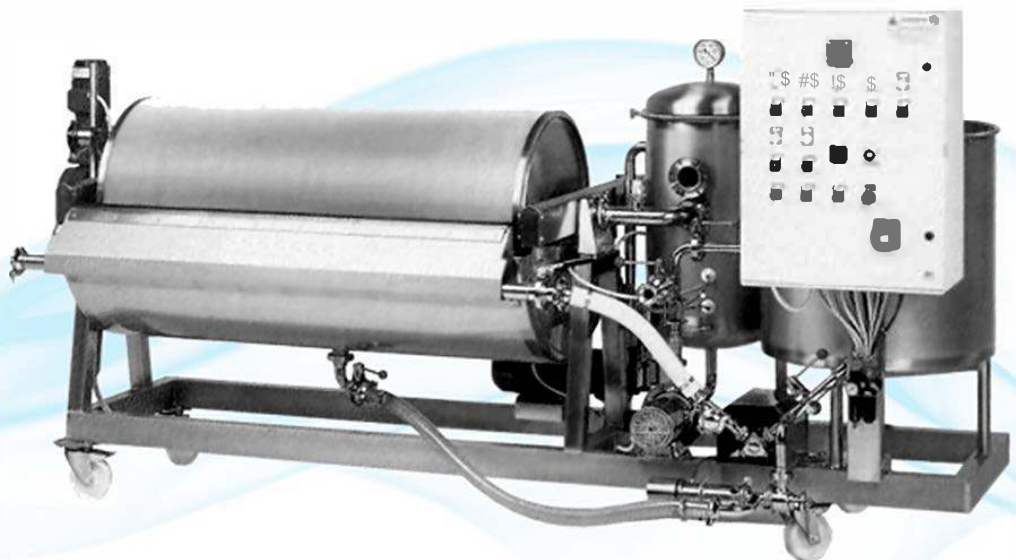
- Filter Cloth : Mono-filament, Multi-filament and combination of both
- Weave style : plain, twilled, or satin
- Wide range of mesh sizes, porosities and
- Breaking strengths available with Minimum Shrinkage
- Width up-to –2 Meter
- Fabric Weight up-to-1500 Grams per Sq Meter
- AP Value – up-to 1800-2100 @200Pa l/dm² min
- Typical cloth closures are manual sewing, Velcro, clipper lacing or zippers (or a combination of those methods).



Rotary Drum Filter

Dewatering slurries of pulp, food products, mining products, waste water and even wine are very common uses for drum filters.

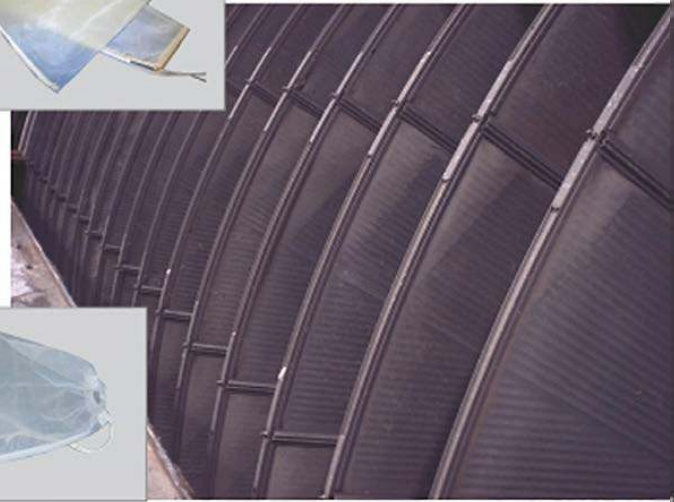
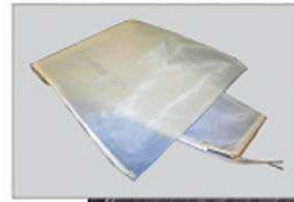
- Filter clothes specially designed for maximum filtration capacity in different products.
- Fabric weight from Light Weight Multifilament to Heavy Mono Filament .
- Typical cloth closures are manual sewing, Velcro, clipper lacing or zippers (or a combination of those methods).
- Easy cleaning • Long service life
- Easy cake release • Excellent Dimensions stability
- Width up-to – 2 Meter
- Fabric Weight up-to -1500 Grams per Sq. Meter



Rotary Disc Filter

A rotary vacuum disc filter is designed to separate liquids from solids for de-watering purpose. The primary industries where disc filters are used are pulp and paper and mining.

- Yarn used are Polyester, Polypropylene, and Poly-amide in Mono- Filament, Multi-filament and combination of both.
- Diameter of the cloth range up-to 2000 mm.
- Anti-static Qualities are available
- Fabric meshes and Permeability's are available in Wide Varieties With and without centre holes
- Easy installation and optimal Fitting.
- GSM up-to 1500 .
- Excellent Cake release and Dimensional stability.



Belt Press Filter

Belt Press filters are used in a wide range of industries for solid / liquid separation Processes. They are particularly common in mining, chemical plants and for waste water treatment.

- Multiple monofilament and Multifilament qualities with small to large aperture.
- Excellent Durability
- Smoothness and good cake release
- Width up-to 2 Meter with clipper, pin and endless woven seams
- Sealed edges for long lasting, economical solutions
- Sides are specially coated in order to ensure high physical resistance
- GSM up-to 1500

