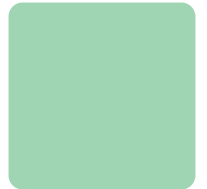
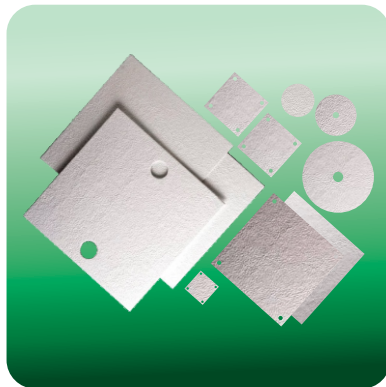


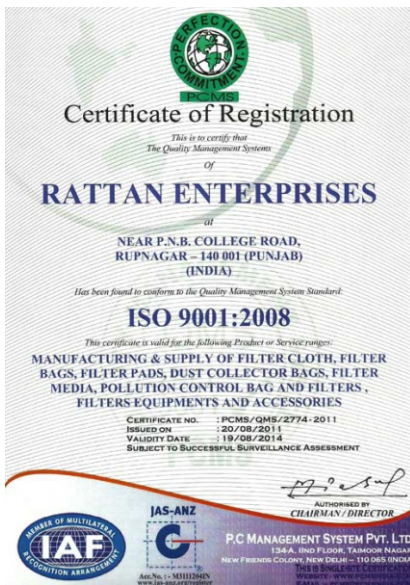


RATTAN FILTERS®



RATTAN FILTERS®

CERTIFICATIONS



ACHIEVEMENTS



Company has been selected in various business delegations globally with Incumbent Sh. Ram Nath Kovind Hon. President of India and Sh. Pranab Mukherjee Hon. Former President of India.





About us

Rattan Filters® an ISO-9001-2008 Certified Organization with industrial expertise and in-depth knowledge have carved a niche in the domain of filtration media for liquid-solid separation and separation of dust from air & gases to obtain desirable filtration .

Rattan Group established by the founder Late S.Teja Singh Rattan in the year 1965 with whose efforts the company entered the world of filtration in the year 1985. We entered the tie up in the year 1989 with Pharma Giant Ranbaxy Labs Ltd (Sun Pharmaceutical Industries Ltd.) and Max India / Max GB (now DSM Sinochem Pharmaceuticals Ltd) for the manufacturing of various types of superior quality filter bags for filtration process. This tie up is still in force. Now the company is guided by Mr. Ruminder Singh Rattan, the CEO of the company, professionally qualified and having the all round experience. Mr. Singh is looking after the affairs of the company and now Rattan Filters® has emerged as one of the shining star in the world of filtration all around the globe.

Quality assurance

An ISO-9001-2008 Certified Organization believes in maintaining international standard for the quality of our products. Our quality assurance policy is to believe in step by step quality checking process from procuring the raw material to the finished products.

- Our products confirm to the international standard and bear the following features :
- Certified under ISO 9001-2008, ISO 14001-2004, OHSAS -18001-2007.
- Range confirm the ISO 9001-2008 standard
- Filters fabricated as per international standard like DIN, BS & ASME .

Value and service

- Achieving maximum level of client satisfaction by offering high quality products with competitive price is our prime aim.
- Promptly and correctly deal with the requirement and the orders for the clients. The customer will be treated as a partner in solving the problem.
- To provide competent and honest answers to customer's technical inquiries.
- To create new mind, new product suit for the market requirement.



PRODUCTS



CENTRIFUGE BAGS



FBD BAGS



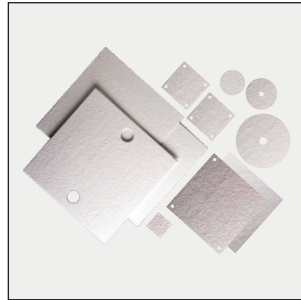
HIGH TEMPERATURE
DUST FILTER BAG



FILTER PRESS
CLOTH PANNELS



LIQUID FILTER BAG



SPARKLER FILTER
PADS AND PAPER



CARBON FILTER PAD



FILTER CLOTH

FILTER CLOTH / FABRIC

We offer a complete range of filter fabrics manufactured in technically advance sophisticated plant having latest machinery. Manufactured in accordance with international standards. We manufacture various types of fabrics with the help of latest techniques and best quality of yarns.

These are the **food grade fabrics** used in food industry. Made in compliance with the US FDA standards, these filters have become mandatory for the industries manufacturing the Bulk drugs, Pharmaceuticals and Food products.

We offer Fabrics for Modern Filtration Equipment for our clients. These ensure perfect dimensional stability even under severe operational conditions. The ready-made ups are known as Laser Cut, ensuring precise fit and consistency in each and every piece.

Features:

- Good flow rate and even air permeability
- Better resistance against Choking
- Calendared fabrics for better cake discharge
- Better strength and minimum elongation
- Even pore distribution

Types Of Fabric:

- Following types of cloth / fabric is available:
 - Polyester
 - Cotton
 - Antistatic
 - Nylon 6,
 - Nylon 66
 - Nylon 12
 - Rilsan
 - HDPE
- Polypropylene Spun
- PPMultifilament
- Monofilament Fabric
- Epitropic
- These fabrics are further available in plain, twill, chain weaves.

CENTRIFUGE BAGS

We manufacture various types of centrifuge bag . Centrifuge is the common media for separation of solid from liquid. The centrifuge filter contains a basket that has centrifuge bag and that is placed to retain the solid into the basket.

Types of Bags :

- Top Lifting Type.
- Basket Type.
- Bottom Discharge Type.
- With or Without Cone.

Sizes:

- We manufacture Centrifuge Bags in sizes from 14" to 60".

Features:

- 1 to 100 micron range
- Submicron rating also available.
- Thermal / Laser cutting decreases fiber contamination.
- Computerized cutting patterns.
- Lockstitch type sewing.
- Heat sealing of all stitches to further reduce fiber contamination.
- Wide range of fabrics to suit requirement of all.
- Special Finished like Antistatic, Water repellence, Anti-adhesive also available.

Fabrics:

- Polypropylene Spun.
- Polypropylene Multifilament.
- Monofilament
- Cotton.
- Polyester.
- Nylon.

FBD BAGS

FBD Bags are solution for drying, sizing, agglomerating or spray coating of delicate substances.

Types and Sizes :

- We manufacture FBD, FBP, GPCG Bags in various sizes depending upon numbers and length of fingers and capacity up to 1000 Kgms and even more for extra large models.

Fabrics :

- Polyester Antistatic
- Epitropic Antistatic
- Polypropylene
- Nylon
- Satin etc.

Applications:

- Chemical Industry
- Pharmaceutical Industry
- Processing Industry
- Agriculture Industry
- Industry for spray coating of delicate substances.
- Food Industries

Features :

- Different types of F.B.D (Fluid Bed Dryer) bags are manufactured depending on required factors like air permeability, micron retention and static charge. FBD Bags are durable, affordable as these are manufactured as per required specification and are regularly tested to meet international quality standards.

SPARKLER FILTER PADS AND FILTER PAPER

Rattan Filters® is manufacturing a wide range of filter pads and filter papers on a very highly sophisticated production plant. The entire process of manufacturing is untouched by hand from the pulping stage to the finished product on high precision completely automatic plant which ensures a uniformly produced filter media for excellent purity and free from external contaminants. Our raw material is continuously monitored for quality control. Constant laboratory tests are conducted to check Filtration Efficiency, Pad's porosity, Absorbency, Filtration speed and bursting factor. The fibers of our Filter pads and Filter paper are also subjected to a special porous chemically inert wet-strength impregnation process to impart very high mechanical strength while filtering aqueous.

We also manufacture **HAND MADE FILTER PADS** as per customer's requirement.

Material Of Pads and Paper :

- Pure Cellulose Fiber
- Cotton linter Pulp

Applications :

- Filter Pads and Papers are widely used in the following Industries:
 - Pharmaceuticals
 - Beverages
 - Drugs
 - Chemicals
 - Food Processing,
 - Cosmetics etc

Sizes :

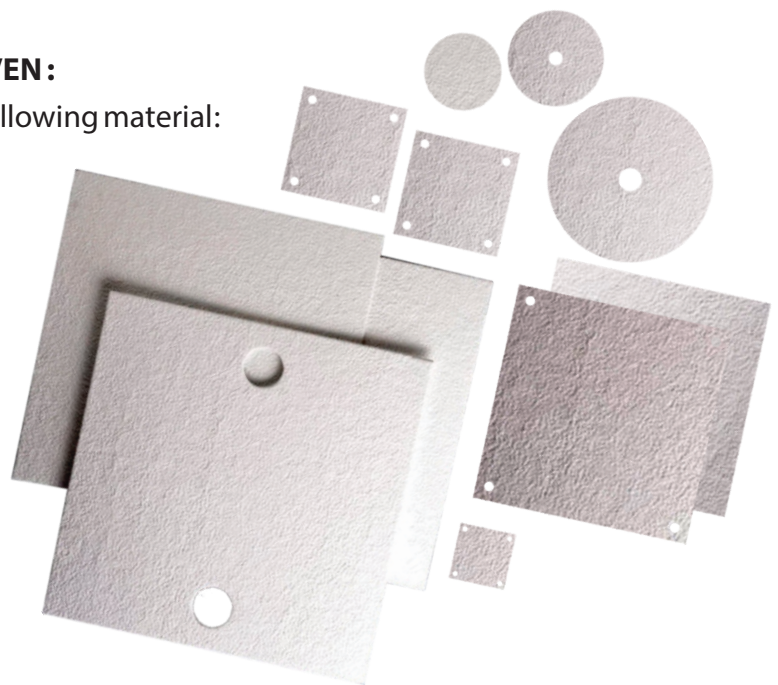
- Filter Pads and Papers are available in the various sizes in Square Shape (For Press Filter) and Round Shape (for Sparkler Filters and Labs. use) in the Diameters of 3", 8", 14", 18", 24" and 36". Thickness from 0.5mm to 4.5 mm. Different sizes for variable size filters are made as per customer demand keeping in mind the porosity and micron factors.

Sparkler Filter Pads In WOVEN and NON-WOVEN :

- We manufacture Sparkler Filter Pads in The following material:
 - Polypropylene in Woven and Non-Woven
 - Polyester in Woven and Non-Woven
 - Cellulose
 - Cellulose + Celite blended
 - Cotton

Applications:

- For char-coal
- Activated carbon
- Catalyst filtration



ACTIVATED CARBON FILTERS

Carbon has been used for many years in loose form to remove colour and odour from liquids. In certain applications the loose carbon can be replaced with a carbon impregnated filter pad. When using loose carbon, it is necessary to remove the carbon with some means of filtration. If that includes a plate and frame filter press, then the press can be dressed with activated carbon filter pads, eliminating the need for dumping loose carbon into a mixing tank, and then scraping the carbon off of a filter paper or cloth.

We offer two series of Activated Carbon Filter in two different grades, RBK2, RBK25. Each grade can be manufactured with various different grades of carbon, allowing to help optimize the filtration.

FILTER PRESS CLOTH PANELS

Filter presses are among the most versatile of all liquid-solid separation unit operations. A filter press contains a series of plates with a filtering surface on both sides. The plates are covered with a Filter press cloth. Many of these plates are pushed together to form chambers with sufficient Filtration area for the application. Slurry is forced into the chamber. The press cloth allows the filtrate to pass through, dewatering the filter cake which forms on the press cloth. The cake is discharged by pulling the plates apart. The cycle then repeats itself.

Styles and Configuration:

We manufacture all styles of press cloths including drape-over, CGR, and cloths with connecting sleeves (butterfly types). We provide head, tail, and intermediate press cloths in various Medias and designs including plain cloths, and center and corner feed holes.

We also offer covering cloths in many different styles and configurations:

- Drape-over & Butterfly type
- Thermal cut panels
- Velcro fastening for easy fixing
- Unique neck fabrication

Sizes:

We offer highly efficient and reliable Filter Press Cloth Panels, which are easily available in various sizes and dimensions.

- For, Plate Size (Square): 12, 18, 24, 30, 32, 36, 40, 42, 48 and 60 inches.
- For, Plate Size (Round): 18", 24", 30", 32", 36" and up to 60" diameter.

Fabrics Available:

- Cotton, Polyester, Polypropylene, Polyamide (Nylon) in Monofilament , Multifilament and Non-Woven filter cloth.

Benefits:

- Good resistance to acid and alkali
- Good tensile and tearing strength
- Wide range of filtration rating
- Fast filtration speed
- Excellent cake release
- Good particle retention
- Easy installation
- Custom made for every application
- Long life at an economic price
- High dimensional stability,

Features:

- They adapt easily to variations in feed concentrations, particle size and other physical properties, delivering very dry cake and high solids capture with low chemical conditioning costs.



RATTAN FILTERS & EXPORTERS PVT. LTD.

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