



Sefar filter solutions for process filtration

For over 180 years, Sefar has been a leading problem solver, providing technical woven solutions, worldwide. In today's demanding solid-liquid and solid-gas separation processes, it is crucial to have maximum production efficiency along with trouble-free operation to decrease the customer's total cost of ownership. We offer the broadest selection of filtration and separation products, backed by an experienced staff of application experts in the following industries:



Chemical



Mineral



Environmental



Life Science



Food

Understanding the filtration process is one key requirement for filter solution development. This is a core competence of Sefar. With decades spent developing filter media from synthetic yarn, our innovative fabrics have become the trusted choice for a wide range of process filtration systems. Our innovative products have been proven in thousands of installations worldwide.





Many application areas – one solution provider

To cope with the demanding environment of the various process industries, Sefar has developed a dedicated range of filter media and fabrication technologies in order to maximize filter equipment performance. Subsidiaries around the world provide local technical service for the broad range of solutions supplied to the various industries and equipment:

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A collaboration of field sales and engineering personnel support our products and can assist you in providing the proper solution. This includes choosing the exact performance and product type to best meet your requirements. Choose Sefar as your trusted source for filtration and screening products. We are ready and capable to meet your needs.





Baghouses

Sefar produces any types of bags for use in the pharmaceutical, food and chemical industries in air emissions control or product recovery.



X-series products dedicated to TiO₂ separation using high temperature pleated elements



Your benefits

- Food contact and GMP compliant products
- Increased baghouse capacity with our X-series
- Local support for quick delivery



GMP compliant bags engineered to retain highly valuable products

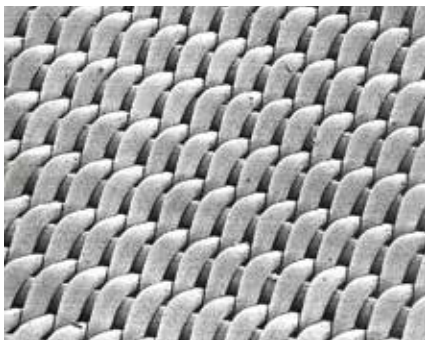


Candle Filters

Candle filters are very versatile and well suited for clarification, thickening and drying of flammable and toxic materials. Filtration, drying and cake discharge are all possible in sequence within the closed equipment.



Welded tube



SEFAR TETEX® MONO



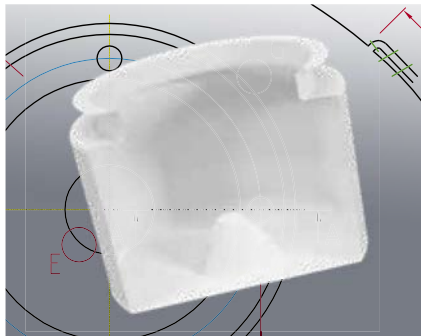
Your benefits

- Increased filtration area with round woven tubes
- Best chemical and thermal resistance through a choice of polymers PP, PET, PA, PVDF, PEEK and E-CTFE
- Extreme chemical resistance with our polymers PEEK and PTFE

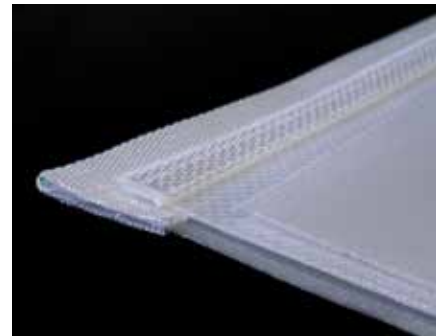


Centrifuges

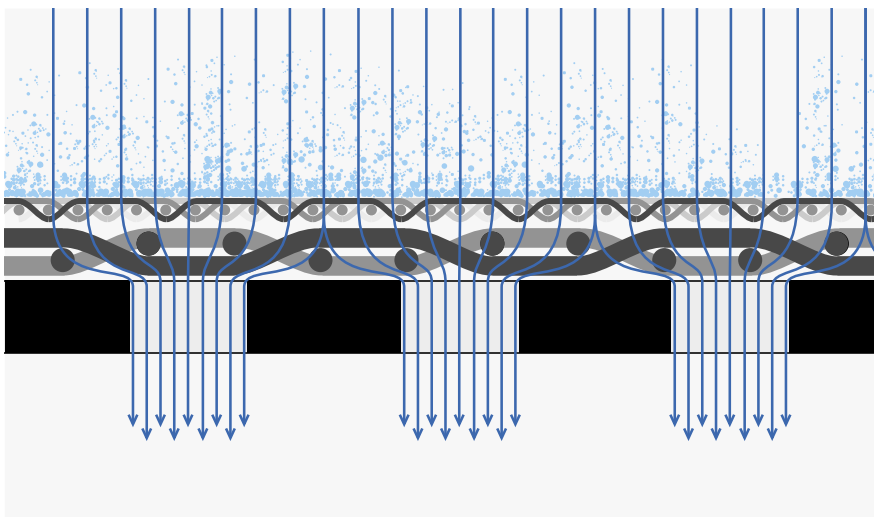
Sefar offers innovative solutions for any type of centrifuge equipment, including liners, inverting centrifuge bags and centrifuge bags. Sefar responded to the stringent requirements of the pharmaceutical industry by creating the highest quality standards available. Sefar controls every crucial production step from yarn production to the ready to use filters, making complete traceability of all critical parts possible.



Customized design to fit your equipment



Standard edge designs fitting your equipment



Fabric with integrated drainage layer - double layer weave (DLW)

Your benefits

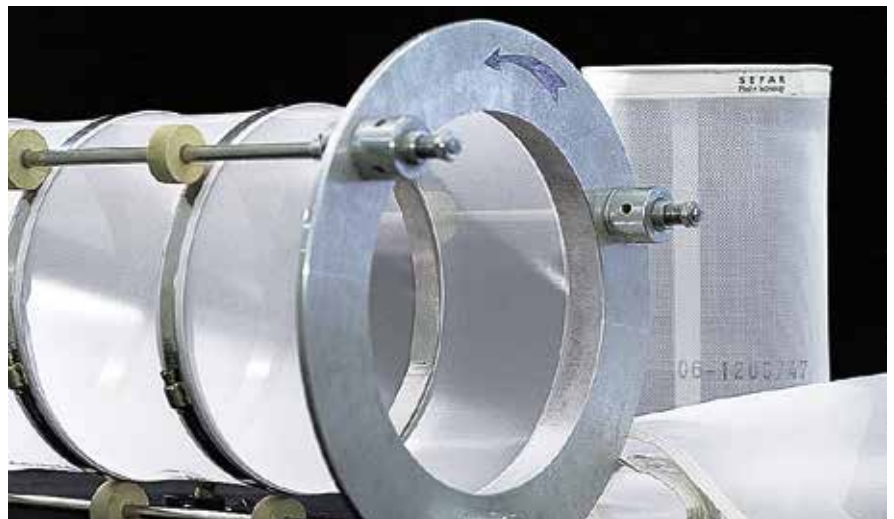
- No product loss and no compromise on high productivity
- Full traceability
- Made of PA, PP, PET and PEEK polymers
- Compatible with high temperature applications



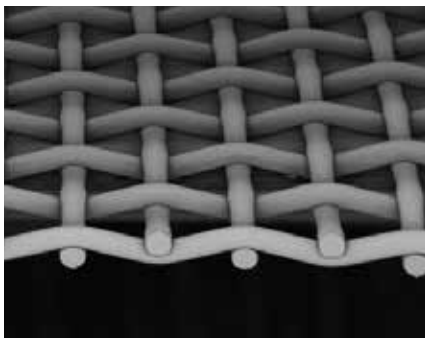


Centrifugal Sifters

Centrifugal sifters play a crucial role in many processes as they are used for scalping, polishing, separation, dedusting. Their renowned high efficiency and capacity can only be achieved if all components perform at their best: SEFAR NYTAL® PA-HD and SEFAR NITEX® precision fabrics are made just for that!



Turbo-sifter covers



SEFAR NITEX®, SEFAR NYTAL® PA-HD



Centrifugal sifter covers

Your benefits

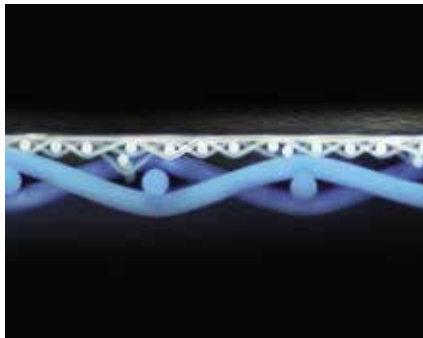
- Class-leading mesh qualities for consistent sifting
- Long service life due to extra strong fabric
- FDA & EU food safety compliant





Coolant Belt Filters

The Sefar product range for coolant filtration is dedicated to the purification of cooling fluids on belt filters in the metalworking industry, steel mills and the automotive sector. By using Sefar filter belts, the environmental footprint is reduced and the highest possible production standard is obtained.



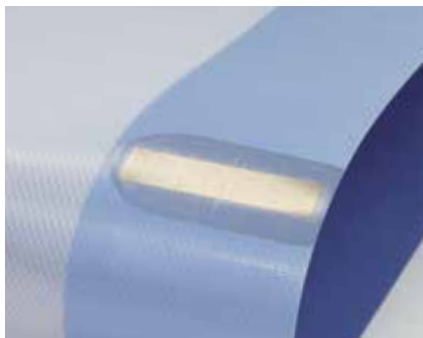
SEFAR TETEX® DLW Coolant



Particle tight closure systems



Transport bars for large vacuum filters



Magnetic indicator strips for pressure belt filters

Your benefits

- Safe and lean belt installation
- Efficiently purified coolant
- High and stable filtration rates
- Excellent surface quality
- Reduction of environmental footprint
- Decrease your total cost of ownership (longer tool lifetime, ...)





Filter Presses

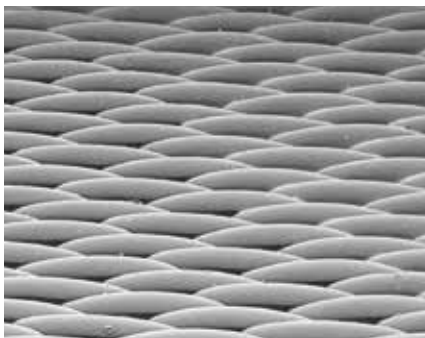
Sefar provides solutions for all types of filter presses used in the process industries, based on fabrics that have been developed to meet the needs of our customers. Sefar and original equipment manufacturers have been collaborating for a long time in order to optimize each customer's process. With Sefar, you get integrated solutions from one source.



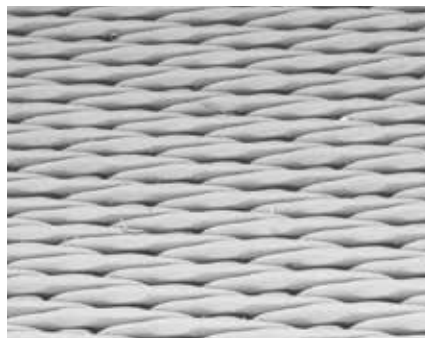
Filter press cloths fabrication



Non-metallic eyelet



Standard fabrics – poor cake release



Sefar calendared fabrics for an optimal cake release

Your benefits

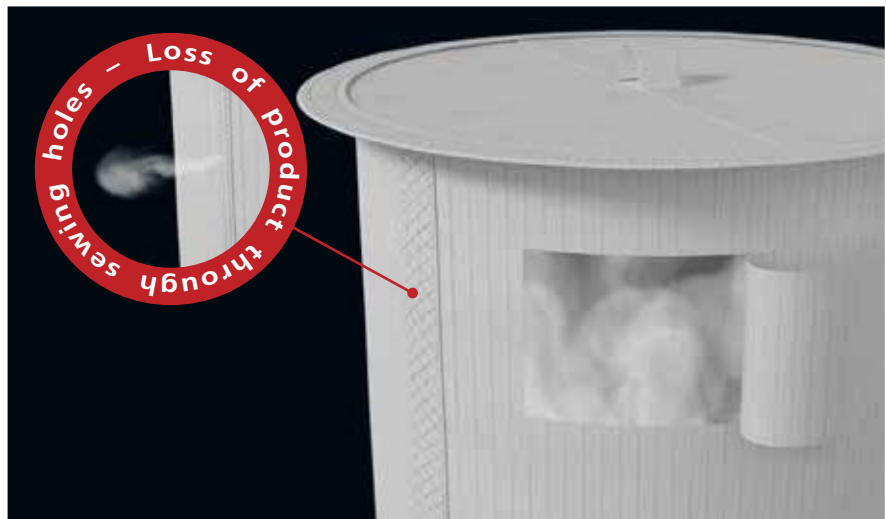
- Best chemical and mechanical stability
- Optimal cake release
- Solutions with FDA & EU food safety compliance



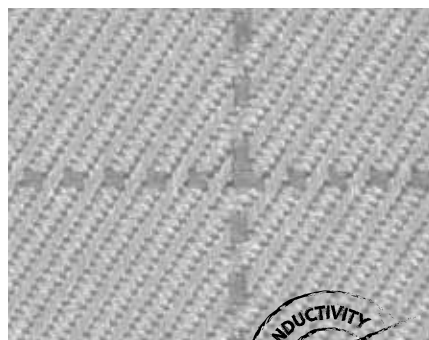


Fluid Bed Dryers

Sefar responded to the stringent requirements of the pharmaceutical industry by creating the highest quality standards available. Developed in partnership with the world's top pharmaceutical manufacturers, Sefar products represent the highest level of security available on the market today. Sefar controls every crucial manufacturing step from yarn production to the ready-to-use filters, ensuring complete traceability of all critical parts.



No product loss using Sefar welding technology (no sewing holes)



Conductive fabrics



Customized design to fit your equipment

Your benefits

- Prevent the risk of explosion
- No product loss and no compromise on high productivity
- Full traceability
- Made of PA and PET polymers

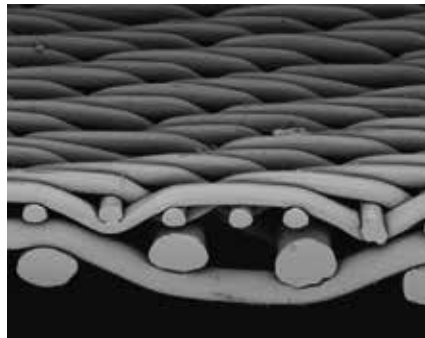




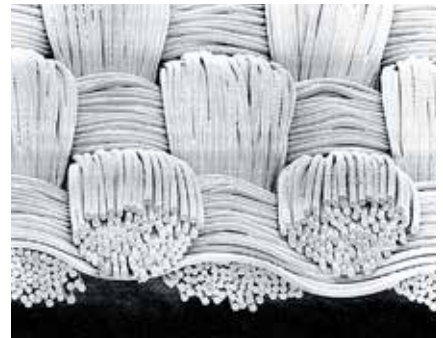
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Pressure Plate and Horizontal Disc Filters

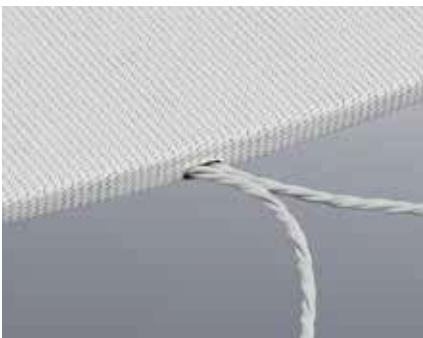
Filtration of fine particles, pigments or the recovering of precious catalysts are a few of the various applications for horizontal disc filters. Particle retention, cake release, cleaning properties and lifetime are key issues for the selection of filter materials.



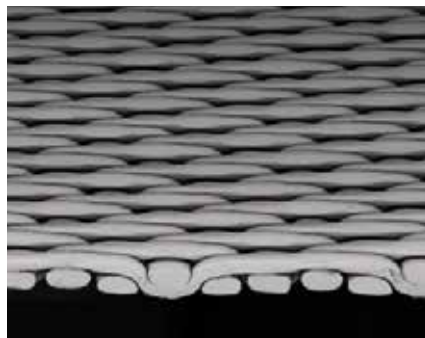
SEFAR TETEX® DLW



SEFAR TETEX® MULTI



All options available for easy installation



SEFAR TETEX® MONO

Your benefits

- No product loss and no compromises on high productivity
- Full traceability
- Made of PP, PEEK, PA, PET and PTFE polymers
- Innovative closure option
- Compatible with high temperature applications





Pressure Leaf Filters

Sefar offers all types of bags for horizontal and vertical pressure leaf filters. Our experiences through the years led us to the ideal fabric and filter designs for this equipment. We are the leading partner with filter manufacturers in the industry.



Innovative scaling retardant



Special design to avoid leakage on connections



Very accurate dimensions, using latest technologies

Your benefits

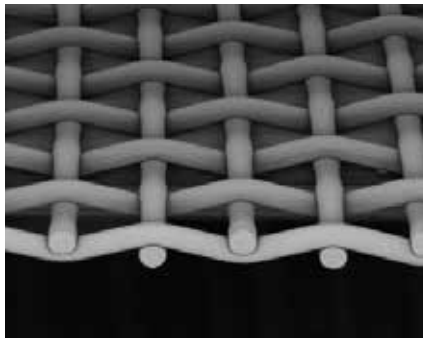
- Innovative solutions for safe and lean installation
- Scaling retardant for mineral applications
- Optimum sealing between collector and bag
- No product loss using welded technology



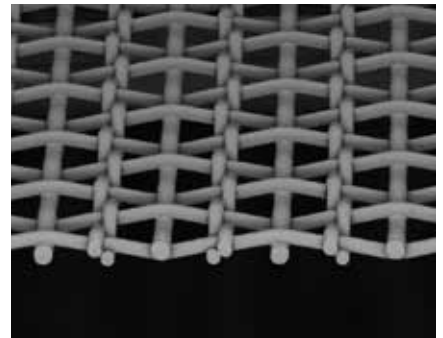


Plansifters

Plansifters for classifying milled products are among the most important machines in the milling industry. Representing the roots of Sefar's business, millers can choose from a comprehensive list of SEFAR NYTAL® PA or metal mesh precision fabrics, paired with renowned service quality. A large selection of screen making accessories as well as connector sleeves caters to the additional needs of millers.



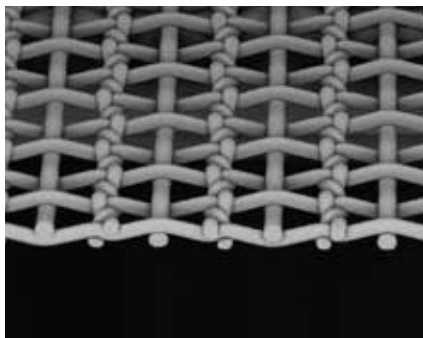
SEFAR NYTAL® PA-XXX and PA-MF



SEFAR NYTAL® PA-Milling



Single-source supplier for all screen making accessories



SEFAR NYTAL® PA-Leno weave

Your benefits

- Consistently the preeminent quality of precision mesh for efficient screening
- Ready-to-use covers are manufactured to the highest precision
- Long service life
- Most articles available in three various widths of roll goods
- FDA & EU food safety compliant





Purifiers

Purifiers are mainly used for flours having a low ash content and for the production of clean semolina. The SEFAR NYTAL® NYTAL PET-GG product line offers a comprehensive selection of class-leading purifier fabrics that ensure precise screening. A large selection of screen making accessories as well as connector sleeves complement our product offering to millers.



Ready-to-use covers for quick clamping frame



Sefar purifier fabric glued to the base frame



Single-source supplier for all screening consumables

Your benefits

- Consistently the highest quality of precision mesh for efficient screening
- Most articles available in three various widths of roll goods
- Ready-to-use covers are manufactured to the highest precision
- Long service life
- FDA & EU food safety compliant



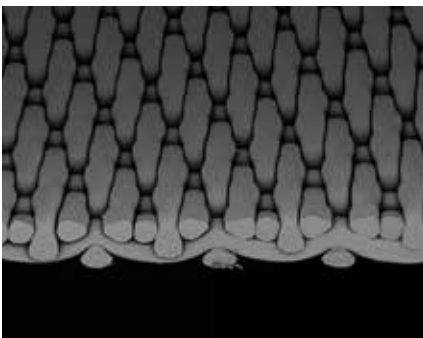


Rotary Disc Filters

Today's high-performance rotary disc filters or hyperbaric rotary disc filters are heavily dependent on appropriate filter fabrics. In close cooperation with leading machine producers, Sefar has developed a range of mono- and multi-filament fabrics especially adapted to the needs of this filter type.



Filter segments ready for installation



SEFAR TETEX® MONO



Your benefits

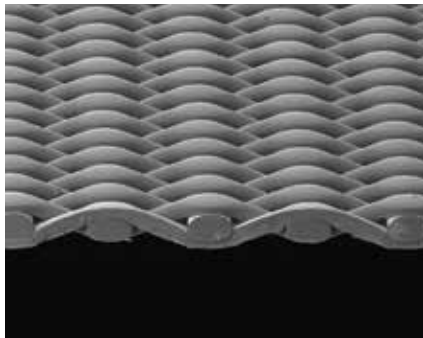
- Good cake release with elastic and monofilament fabric
- Chemical and abrasion resistance with PA, PP and PET polymers
- Reduced installation and maintenance time
- Innovative sector cover designs



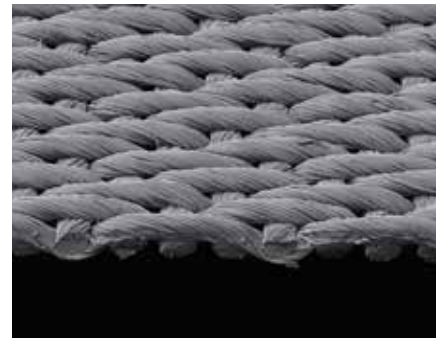
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Rotary Drum Filters

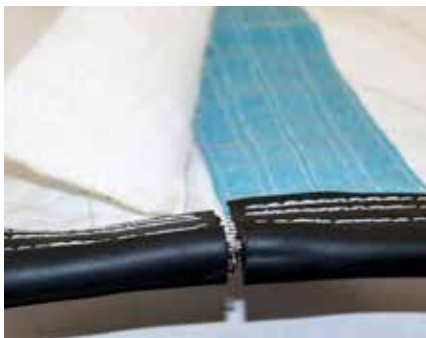
The various designs of drum filters reflect the enormous variety of applications for this filter type. To meet the diversified range of requirements of rotary drum filters, Sefar offers a unique range of filter media types and fabrication technologies.



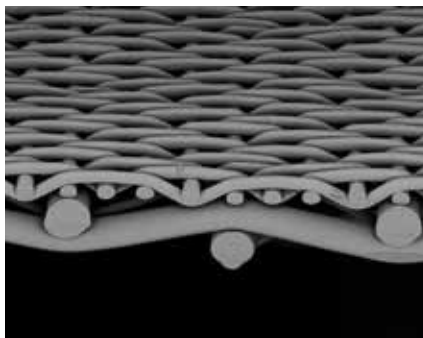
SEFAR TETEX® MONO



SEFAR TETEX® MULTI



Belt with special fish-mouth closure



SEFAR TETEX® DLW

Your benefits

- Good process compatibility
- High filtration efficiency
- Safe and lean installation
- No product loss
- Innovative fabrication techniques





Vacuum Belt Dryers

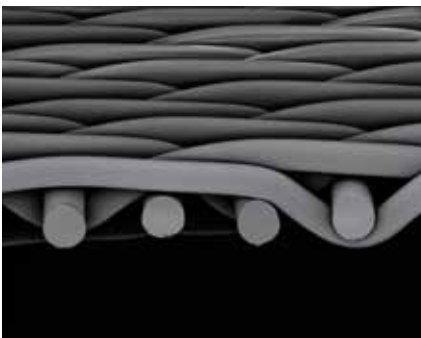
Large scale drying processes where gentle dehydration of the product is required typically rely on vacuum belt dryers. SEFAR TETEX® DRY offers several specially developed fabric qualities. Combined with expert making-up solutions, Sefar is a leading supplier for vacuum dryer belts used in several applications – not just to the food & beverage industry.



- Sewn edge
- Welded edge
- Heat cut and pressed edge



Sefar belts can be fitted with an clipper closure



SEFAR TETEX® DRY



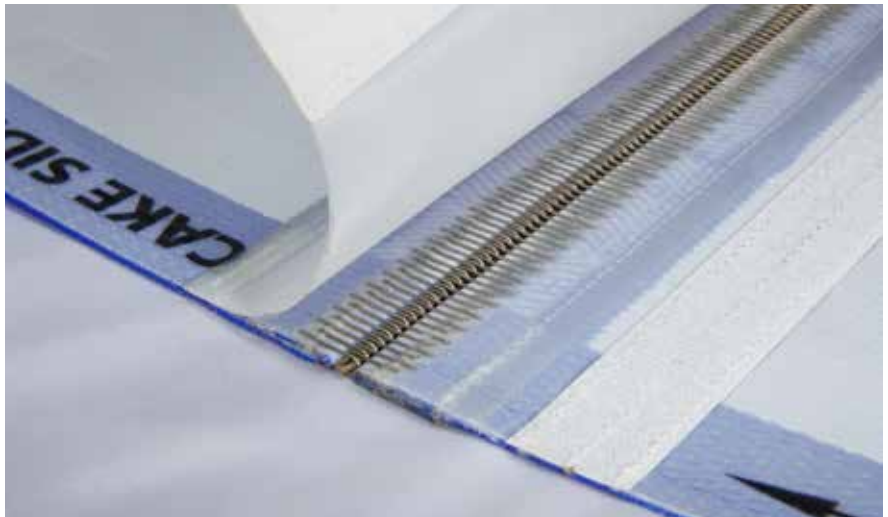
Your benefits

- More effective drying due to excellent heat transfer
- Good cake release
- Excellent tracking performance and long service life
- FDA & EU food safety compliant

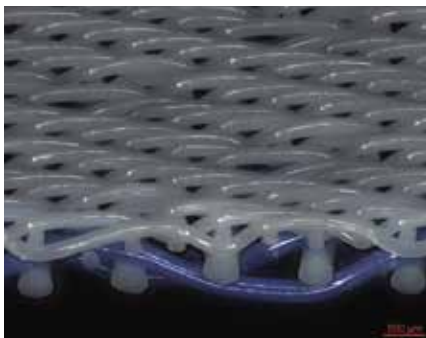


Vacuum Belt Filters

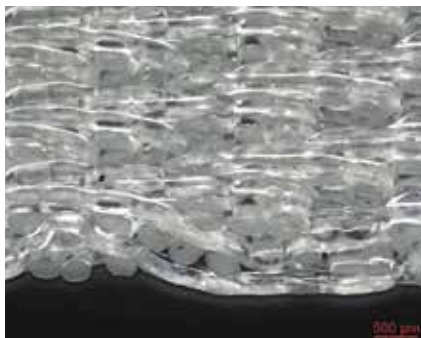
Filter belts made from SEFAR TETEX® DLW and MLW enable the user to cope with the various specific process conditions as the first choice of leading OEMs. Outstanding filtration results and enhanced service life are achieved by combining the functions of fine filtration with a mechanically stable drainage fabric.



Fabricated filter belt closure



SEFAR TETEX® DLW



SEFAR TETEX® MLW

Your benefits

- Excellent capture to efficiency ratio
- Good process compatibility
- High filtration efficiency
- Safe and lean installation
- Minimal product loss
- Decrease your total cost of ownership



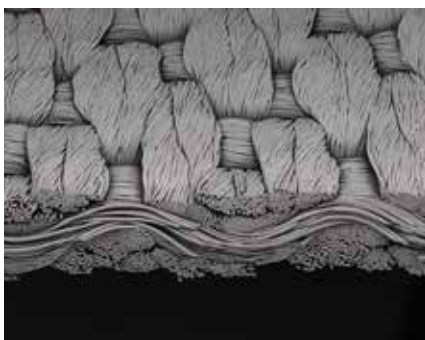


Vacuum Leaf Filters

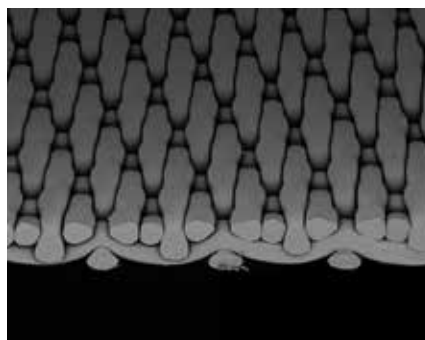
Sefar produces different type of covers for vacuum leaf filters in monofilament and multifilament. Vacuum filter covers are manufactured in order to take the specificities and requirements of this particular process into account.



Leaf filter bags ready for installation



SEFAR TETEX® MULTI

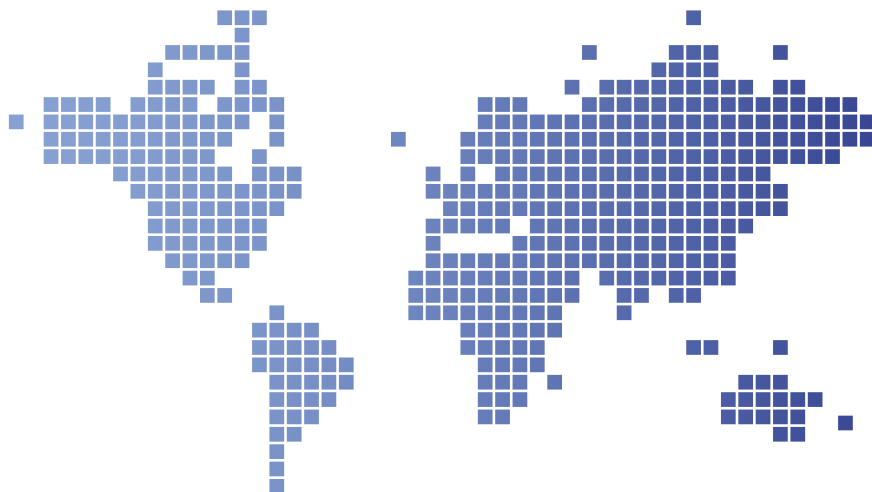


SEFAR TETEX® MONO

Your benefits

- Chemical and thermal resistance to your individual needs
- High filtration efficiency
- No product loss using welded technology
- Innovative fabrication techniques maximizing filter performance





Sefar Worldwide

Sefar is the leading manufacturer of monofilament precision fabrics for filtration and screen printing applications. Sefar products are used in a wide variety of industries, reaching from electronics, medical, automotive, aerospace, food, water, pharmaceutical and graphics to chemicals, fertilizers and minerals. With its profound understanding of the applications, Sefar helps its customers to achieve optimum results in their industrial processes. With subsidiaries and representatives around the world, Sefar offers its customers the comprehensive, global support they need.

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Please consult the current local product data sheet prior to any use.

