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:

- Baghouses 4
- Candle Filters 5
- Centrifuges 6
- Centrifugal Sifters 7
- Coolant Belt Filters 8
- Filter Presses 9
- Fluid Bed Dryers 10
- Pressure Plate Filters 11
- Horizontal Disc Filters 11
- Pressure Leaf Filters 12
- Plansifters 13
- Purifiers 14
- Rotary Disc Filters 15
- Rotary Drum Filters 16
- Vacuum Belt Dryers 17
- Vacuum Belt Filters 18
- Vacuum Leaf Filters 19

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.

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

Welded tube
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.

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

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

Centrifugal sifters play a crucial role in many processes as they are used for scalp- ing, polishing, separation, dedusting. Their renowned high efficiency and ca- pacity can only be achieved if all com- ponents perform at their best: SEFAR NYTAL® PA-HD and SEFAR NITEX® pre- cision fabrics are made just for that!

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.

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, ...)

SEFAR TETEX® DLW Coolant

Particle tight closure systems

Transport bars for large vacuum filters

Magnetic indicator strips for pressure belt filters
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.

Your benefits

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

Filter press cloths fabrication

Non-metallic eyelet

Standard fabrics – poor cake release

Sefar calendered fabrics for an optimal cake release
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.

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

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

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.

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.

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.

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

Sefar purifier fabric glued to the base frame
Single-source supplier for all screening consumables

Ready-to-use covers for quick clamping frame
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 multifilament fabrics especially adapted to the needs of this filter type.

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
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.

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.

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 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.

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.

**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
Our current general sales conditions shall apply. Please consult the current local product data sheet prior to any use.