

# Rotary Drum Filter Belts

Sefar’s innovative synthetic fabrics are the material of choice for rotary drum filters. Sefar filter belt and cover solutions offer excellent separation efficiency and a long, trouble-free lifetime.

To cope with the demanding environment of the various process industries, Sefar has developed a dedicated range of filter media in order to maximize the customer’s value.



## Product Features

### Sefar filter solutions for Rotary Drum Filters

Understanding the filtration process is one key requirement for filter solution development. This is a Sefar core competence. We have spent decades developing filter media made from synthetic yarns.

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## DOWNLOADS

Brochure: Process Filtration (PDF 5300 kb)

### Product features

Fitting the belts to the specific drum filter design is essential for smooth and efficient filtration performance. Sefar’s expertise helps to define the most suitable filter media and fabrication method for your utilized equipment type and application. Sefar has developed optimized custom solutions for fabric closure mechanisms and edgings for all types of vacuum drum filters.

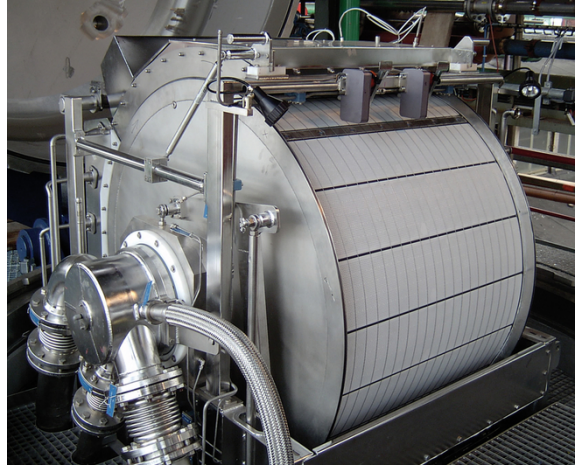
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 Cuautitlán Izcalli, Edo de México  
 C.P. 54719

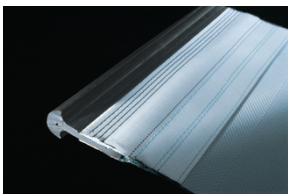
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 Fax +52 55 5899 6129

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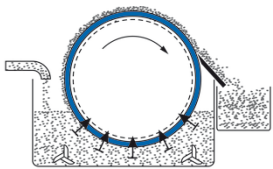
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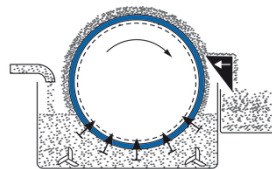
**Mushroom profile**



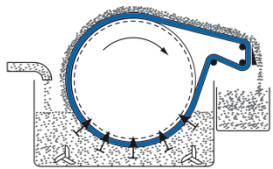
Available are round rubber profiles having 10 and 20 mm diameter and mushroom-type rubber profiles



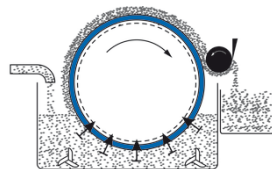
Scraper / Knife discharge



Precoat discharge (advancing knife)



Belt discharge



Roller discharge

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## 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 in order to maximize the customer's value.

Sefar filter media are the industries preferred solutions for rotary drum filters – trust Sefar filter belt solutions!

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### Chemical

Sefar products perform at high levels, even under aggressive conditions. Count on Sefar to meet the demands of your application process – whether it's extreme pH, high temperatures, or specific chemical environments like solvents, oxidants, acids or alkalis.

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### Mineral

Sefar meets the high quality and productivity demands in challenging applications. Our products offer reliability in filtration by using strong woven fabrics, adapting the correct pore size to the application and providing resistance to abrasive slurries or a heavy cake.

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### Environment

Sefar has a solution for each application used in sludge dewatering. No matter what the characteristics of your treatment, you can trust Sefar to meet the challenges of your sludge dewatering preparation.



### Life Science

Sefar production methods and facilities are integrated to include verifiable traceability for life sciences industries. Only Sefar controls the yarn production, weaving and filtration through to the final filter. The Sefar PHARMA GMP program satisfies the regulatory requirements of pharmaceutical applications.



### Food

In food applications, conformity to hygienic and safety guidelines is imperative. For this reason, a reliable supplier like Sefar – able to provide you with FDA or EU compliant fabrics for filter products – is crucial to your success. You can also count on Sefar's consistent supply of products during seasonal production peaks.

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**Sefar filter solutions for OEM**

Our products meet the specific needs of these filtration applications and are successfully running all over the world on all known drum filter belt brands and OEMs, such as:

Alfa Laval      Dorr Oliver  
Eimco

Andritz Separation      Bokela

FL      Komline      TSK      Mitsubishi (MKK)  
Smidth      Sanderson

Eimco      Westech      RPA Process  
KCP

**Filter media technology**

Sefar’s monofilament and multifilament fabric technologies were developed to retain the finest particles together with having the highest possible throughput. The unique filter surface makes for good cake release and easy cleaning. SEFAR **TETEX** MONO and MULTI are available in PP, PET, PA, PEEK, PVDF and E - CTFE and have pore sizes from 2 µm to 160 µm.

**Monofilament fabric      Multifilament fabric      Double-layer fabric**

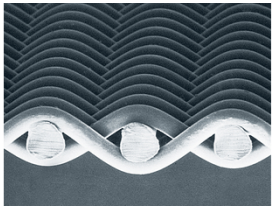
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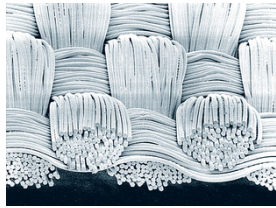
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 Fax +52 55 5899 6129

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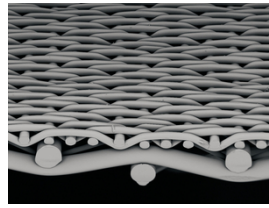
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- Good particle retention
- High filtration capacity
- Excellent cake release
- Very good cleaning abilities



- Excellent particle retention
- Low filtrate turbidity
- Good cleaning abilities



- Fine filtration, high throughput
- Low filtrate turbidity
- Strong filter belt

Fabric rating depends on local conditions and chemical or thermal interactions. High temperature resistant finishing available on request.



## CONTACT

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Please call us for further information:  
 Phone CH: +41 71 898 5700

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**Locations****Sefar SA de CV**

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Cuautitlán Izcalli, Edo de México  
C.P. 54719  
Phone: +52 55 5899 6100  
Fax: +52 55 5899 6129

■ **E-Mail**

**Sefar SA de CV**

Serigrafía  
Antonio I. Villarreal N° 2323 Norte  
Col. Moderna  
Monterrey, Nuevo León  
C.P. 64530  
Phone: +52 81 8345 8164  
Fax:

■ **E-Mail**

**Sefar SA de CV**

Carretera Tepetzotlán la Aurora Km .1  
Nave 3 Módulo "A" S/Número  
Col: Axotlán  
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