

# **Coolant Filter Belts**

By using customized Sefar filter belts, the result is perfectly purified coolant ensuring a constant surface quality of the work piece, as well as a long tool lifetime.



#### **Sefar filter solutions for Coolant filtration**

The Sefar coolant product range is dedicated to filters using cooling fluids in the metalworking industry, steel mills and automotive sector. The main advantage of Sefar filter fabrics, compared to traditional media, is the possibility of keeping filter efficiency and the average flow rate at extremely high levels. By using Sefar filter belts, perfectly purified coolants provide a very good surface finish and a longer tool lifetime.









#### **DOWNLOADS**

Brochure: Process Filtration (PDF 5300 kb)

Brochure: Coolant Filtration (PDF 211 kb)



**Product features** Customer benefits High permeability > Improved filtration capacity > Allows higher flow rates Maximized number of pores > Higher throughput possilbe > Constant high filtration rates Unique particle retention > Perfectly purified coolant > Longer tool lifetime Smooth fabric surface > Provides good cake release Superior tracking stability > Extended service life reduces costs

#### **Fabrication solutions**

In collaboration with leading manufacturers custom-made filter belts for coolant filtration have been developed for vacuum, pressure, suction and gravity filtration systems. The belts are tailor-made to the requirements of equipment. In addition to the innovative closure system, edge sealing, magnetic strips and transport bars are available to perfectly suit your application.

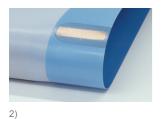
Belt closure

**Transport bars** 





# Edge sealing with magnetic strip



3)

- Belt closure customized, particle tight, quick and easy installation
- Coated edges to guarantee perfect sealing
  Embeded contactless magnetic stripes
- 3) Transport bars for large vacuum filter

For a simple and efficient belt installation, Sefar offers helpful mounting aids. Most closures can be re-opened after having been closed.

#### **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 coolant filter belt brands and OEMs, such as:



Barnes Aqseptence (Bilfinger, Diemme) Bürener (BFM) Intl. Blechtechnic Dürr Ecofluide Faudi (Deckel Ecoclean Maho) Fuhr Filter FES GKD Gipi Technology Hydromation Hollandfiltre Hoffmann Kenfilt Köbo Knoll Leiblein Liqui Filter Mann & Mayfran Oberlin Filter Novotecnic Hummel Polo Positech Reber Span Associates Woodai Intl.

Equipment in use for Sefar coolant belts









Hydrostatic belt filters



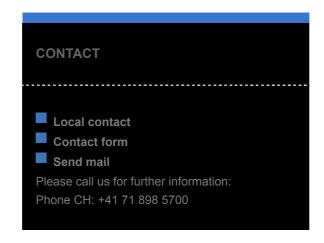
Pressure belt filters

# Filter media technology

Sefar's 'Double Layer Weave' technology mechanically combines fine filter fabric with robust supporting fabric. When compared to traditional filter media, SEFAR **TETEX** DLW Coolant maintains a higher flow rate, while at the same time providing improved particle retention.

The new designed SEFAR **TETEX** DLW Coolant has a higher filtration capacity while at the same time providing an improved particle retention. We offer solutions for your challenging processes and match every task of coolant filtration in small and large centralized systems. Furthermore, optional belt edge sealing, transport bars, magnetic stripes and special user-friendly belt closures complete our offer.







#### Locations



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