


World-class filtration, screen printing, architectural & specialty solutions

S E F A R

The logo consists of the letters S, E, F, A, and R in a bold, black, sans-serif font. Below the letter 'F' are four small squares: a red square, a black square, a grey square, and a blue square.

Sefar leads the technical fabrics industry and sets standards worldwide as a solution provider with an absolute customer focus.

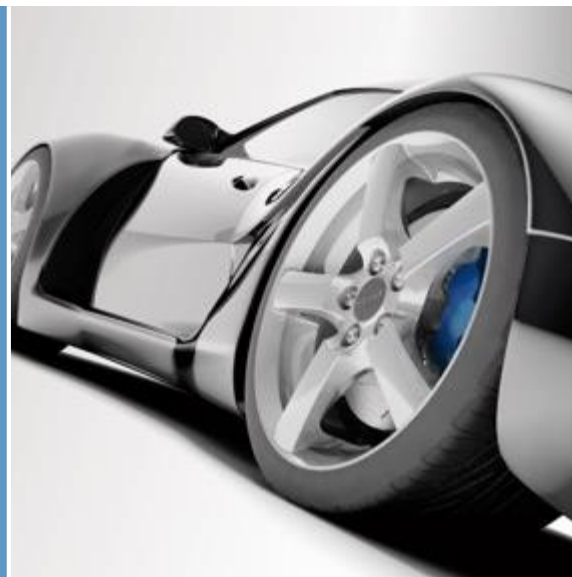


Filter Components

Customer-specific solutions for the protection or separation of liquids, particles or interference noise and frequencies



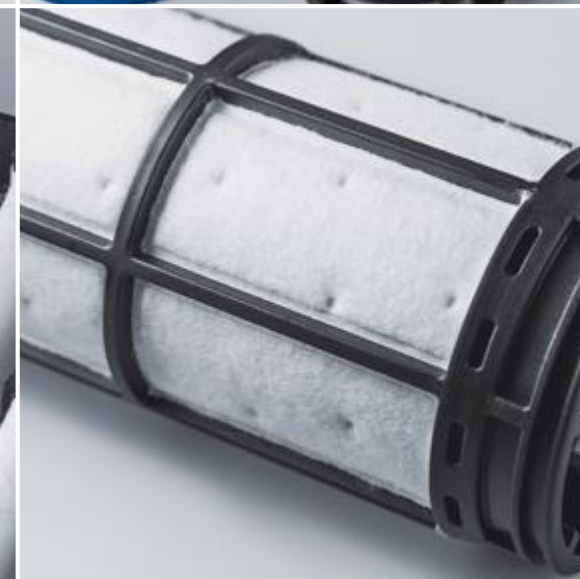
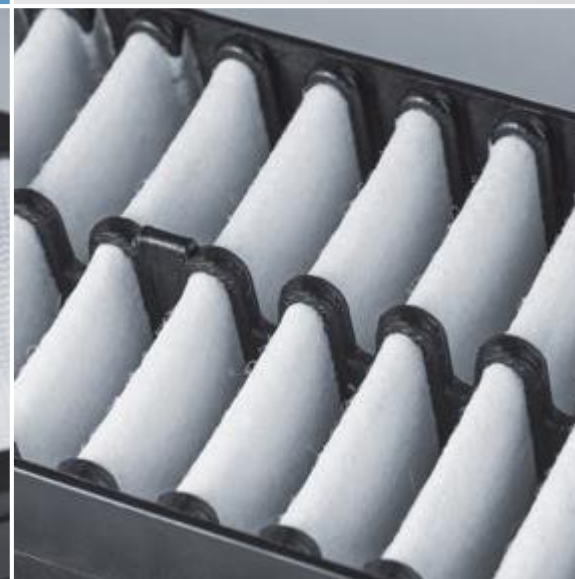
Automotive Healthcare Acoustic Industry & Appliance Aerospace





Automotive filters

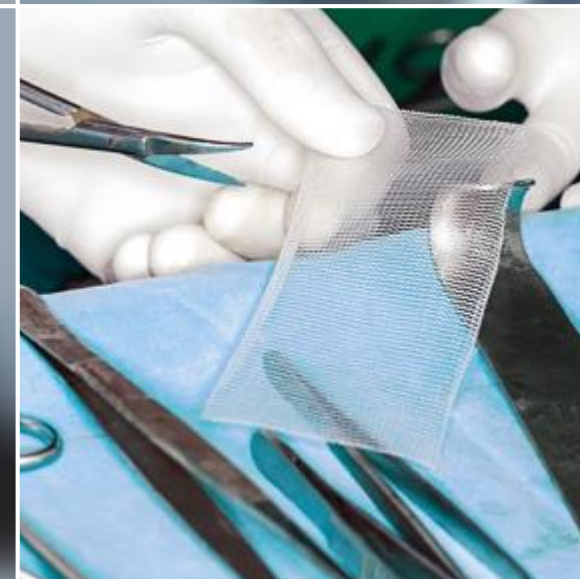
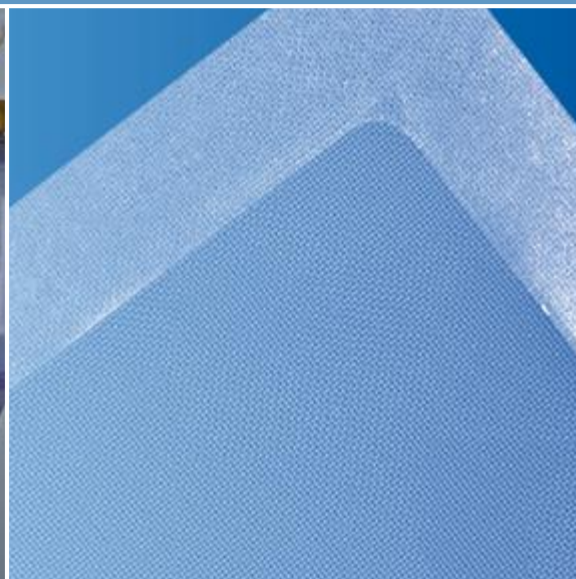
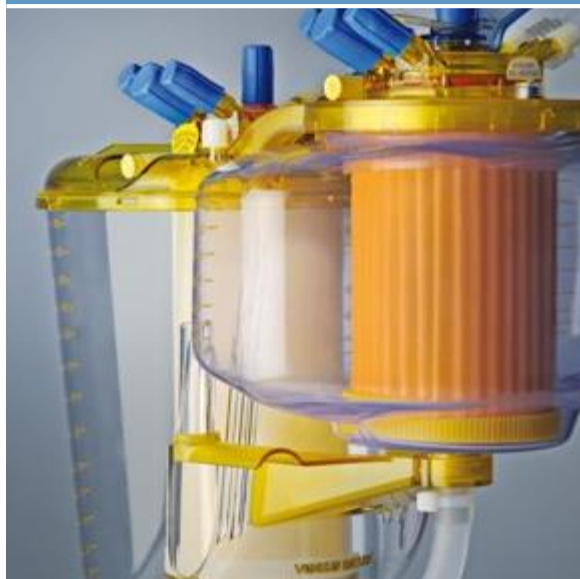
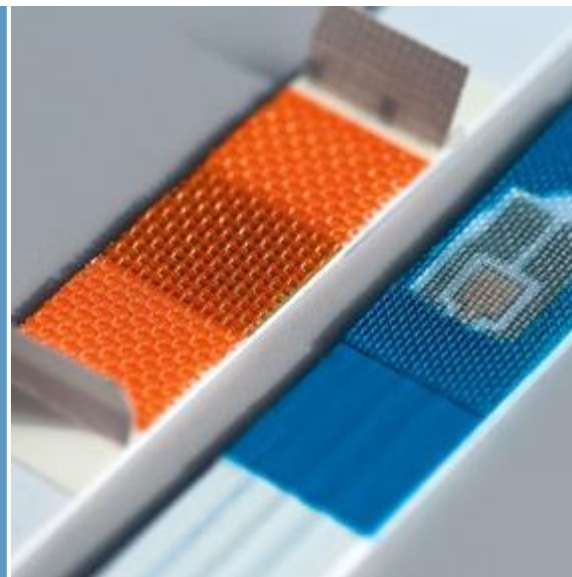
Fuel injection
Fuel filtration
Hydraulic filter
Gear filters
AdBlue® system filter
Diesel conditioning systems
Air conditioning filter (HVAC)





Filters for medical devices SEFAR MEDIFAB® | SEFAR MEDITEX®

Diagnostic
Infusion
Blood filtration
Wound care
Venting systems
Implants



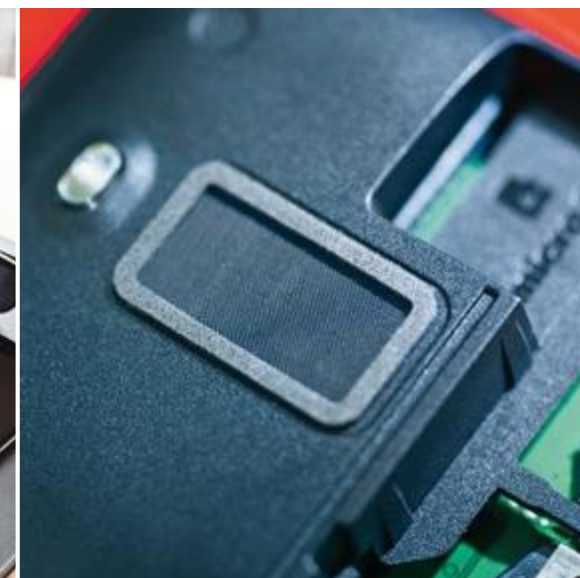


Filters for electroacoustic devices and components

Mobile communication

Professional audio equipment

Acoustics in the automotive industry



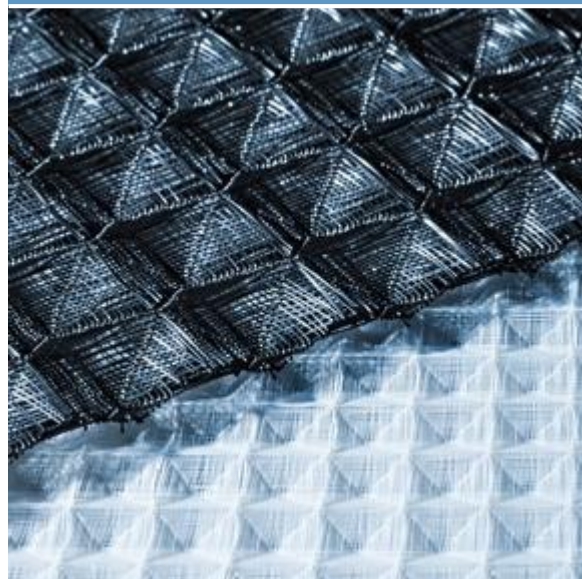
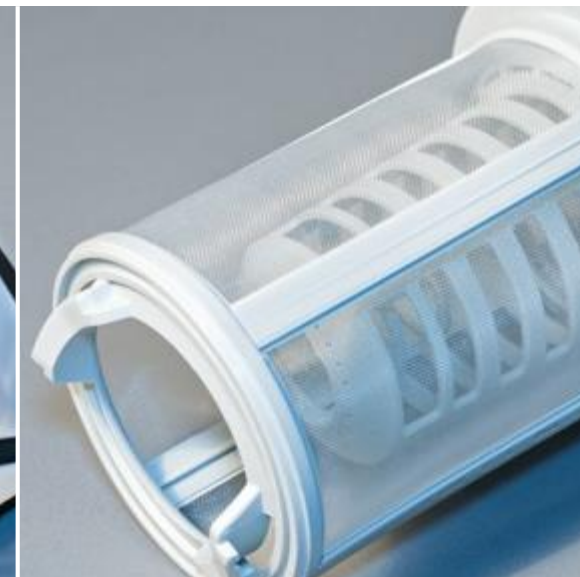
Appliance and industrial filters

Filters for appliances

Filters for outdoor use

Filters for industry

Special applications





Aerospace industry filters

Sound attenuation

Separation of water from kerosene (coalescing)

Hydraulic and pneumatic filter systems





Sefar locations | The world is our home market

We offer our customers the comprehensive global support they need.



Headquarters



Sales / production



Weaving / yarn production



Sefar Group at a glance

Leading manufacturer of precision fabrics for industrial applications

Worldwide operations: Subsidiaries and fabrication centers in 27 countries and on 6 continents

Weaving plants in Switzerland, Romania and Thailand

Manufacturer of monofilament yarn in Switzerland, Poland, Romania and Mexico

Privately held corporation with a solid financial basis





Sefar

Business Segments



Process
Filtration



Filter
Components



Screen Printing



Architecture



Specialty
Businesses



MRB*: Net revenues 2018 by business segment

100% = CHF 288 millions

Screen Printing



18%

Architecture



2%

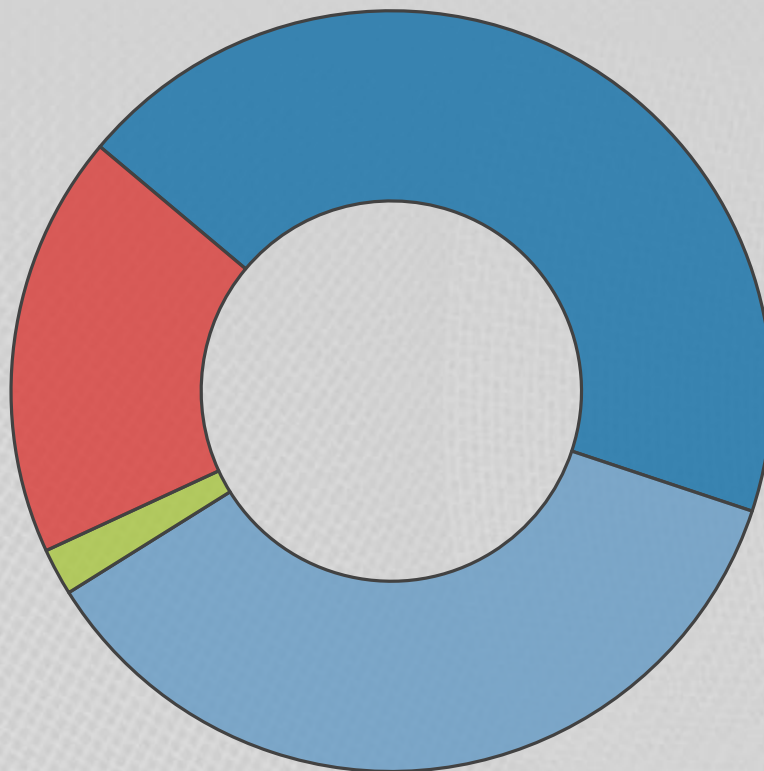
Process Filtration

44%



Filter Components

36%



*MRB = Mesh-related business



Sefar innovations

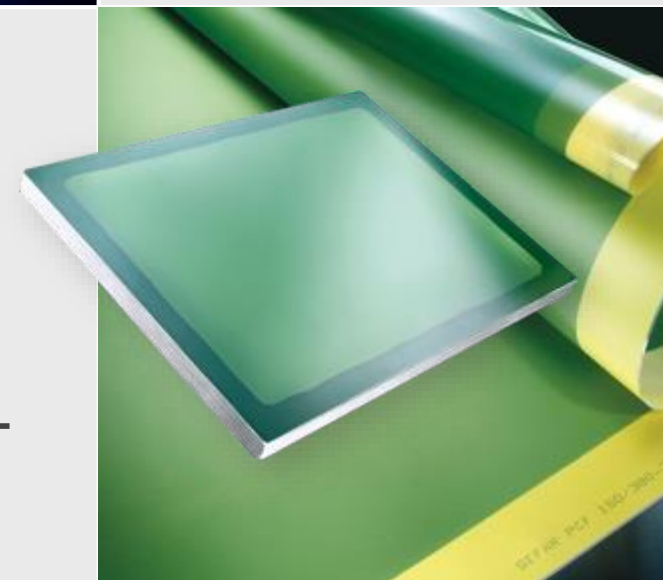


High-tech product,
with UV yarn,
as unique identifier.



SEFAR® PowerHeat NT is
the only heating fabric on
the market that can be
deep-drawn (3D) and **cut**
in almost any shape.

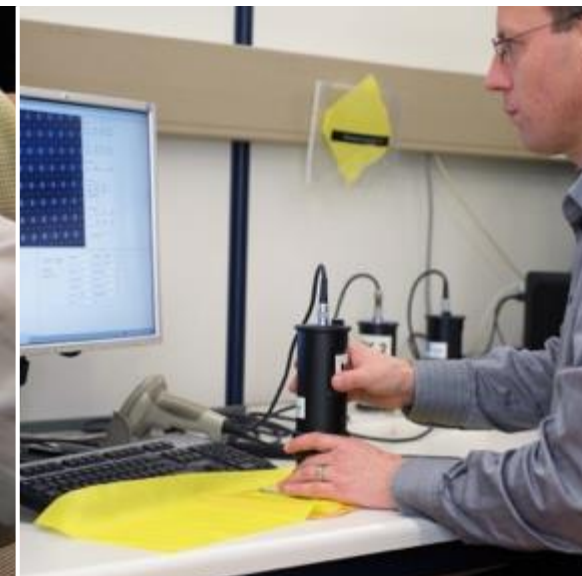
The **pre-coated**
screen printing mesh
SEFAR® PCF.
Expose, develop, dry –
print.





Fabric inspection – Final inspection

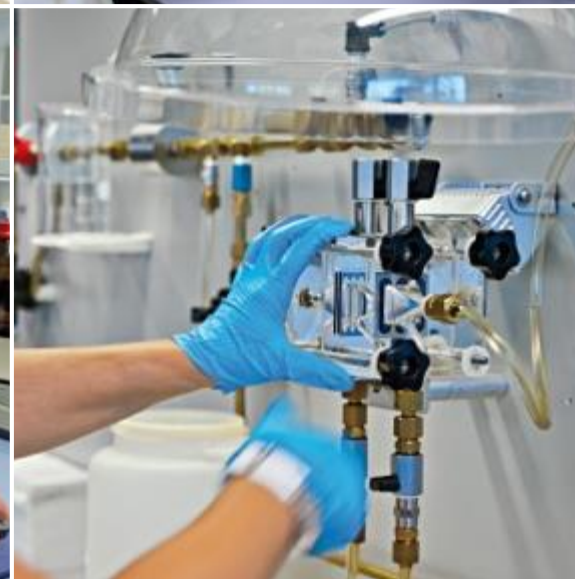
Visual & Haptic
Physical
measurements





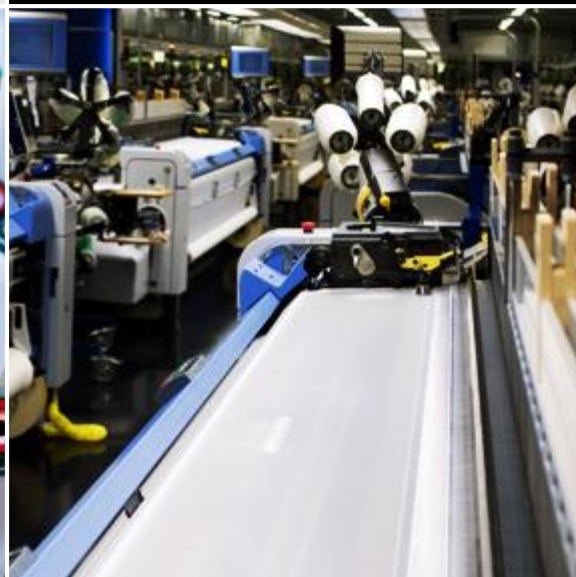
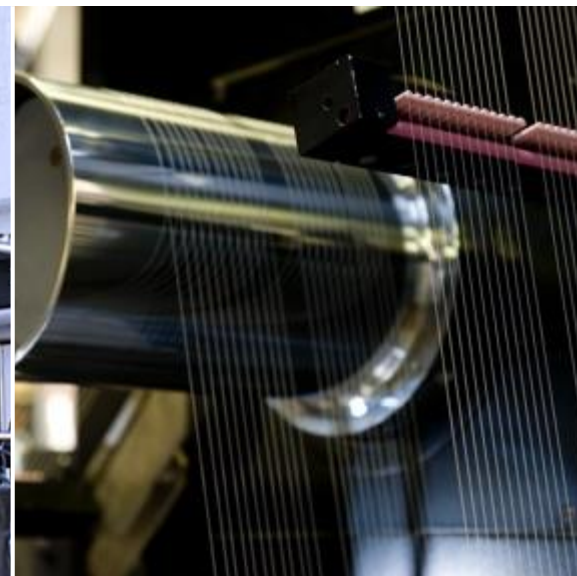
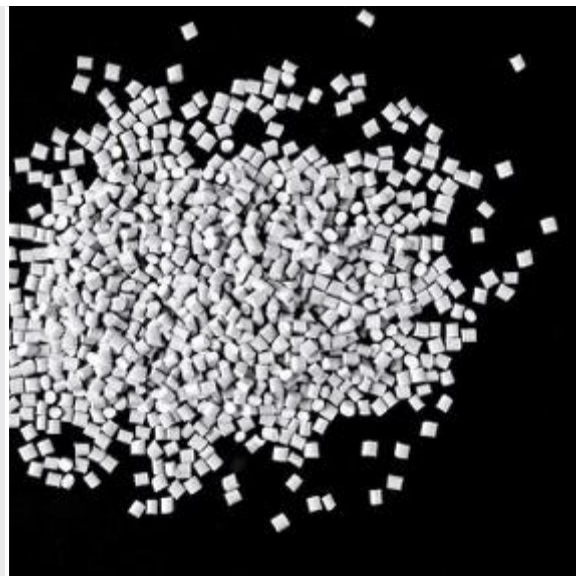
Laboratory

Application-
engineering
Microscopy
Chemistry
Medical
Microbiology





From **pellet**
to **yarn**
to the
finished
fabric





Starting point: Polymer pellets

Polymers for precision yarns

Polymer types

ETCFE, ETFE, FEP, PA6, PA6.6, PA6.10,
PA 6.12, PA11, PA12, PBT, PEEK, PEN,
PET, PFA, PP, PLA, PVDF, PTFE, POM

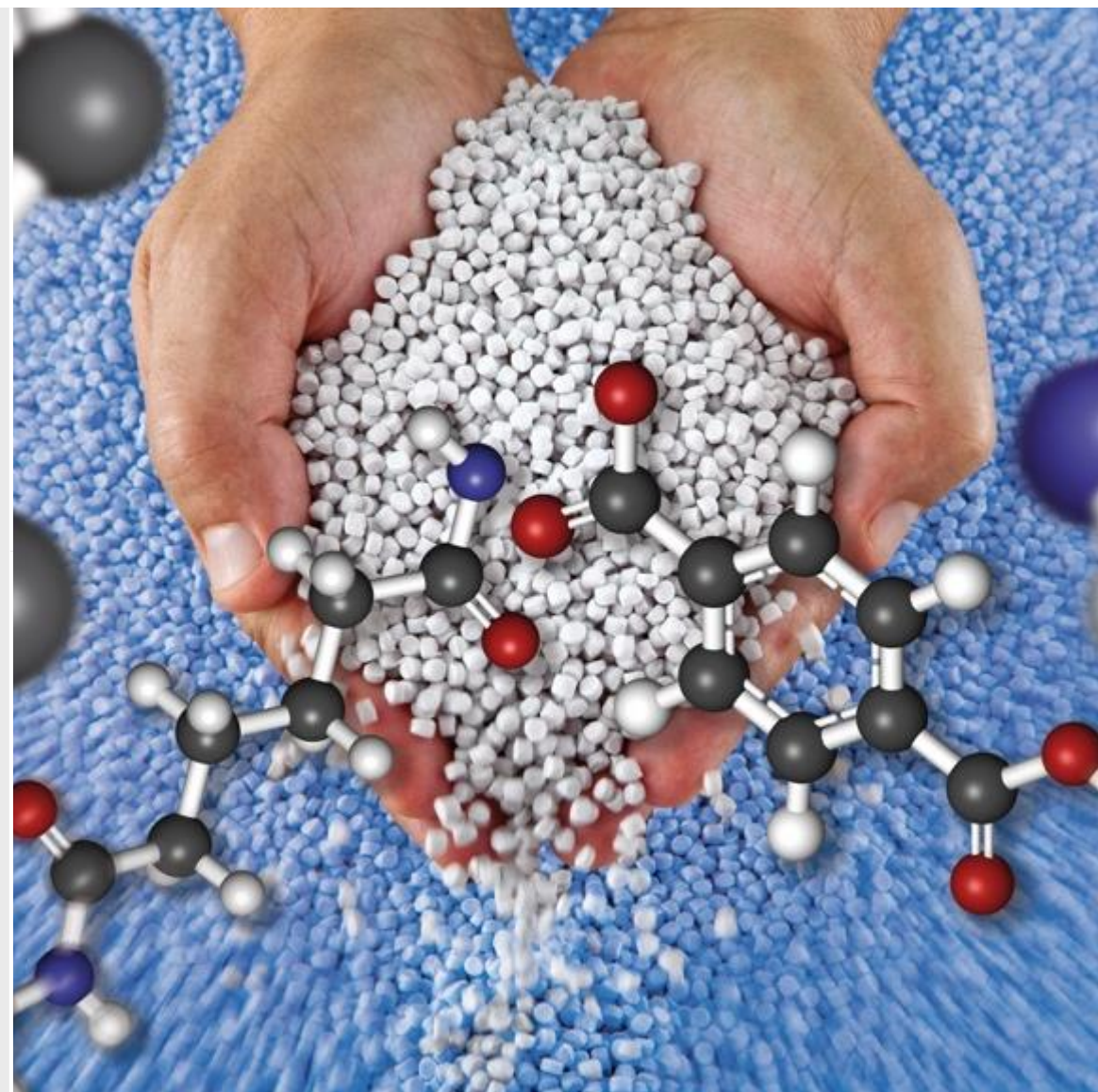
Yarn diameter

In the range from 19 μm to 3 mm

Special finishing

Monosuisse certifications

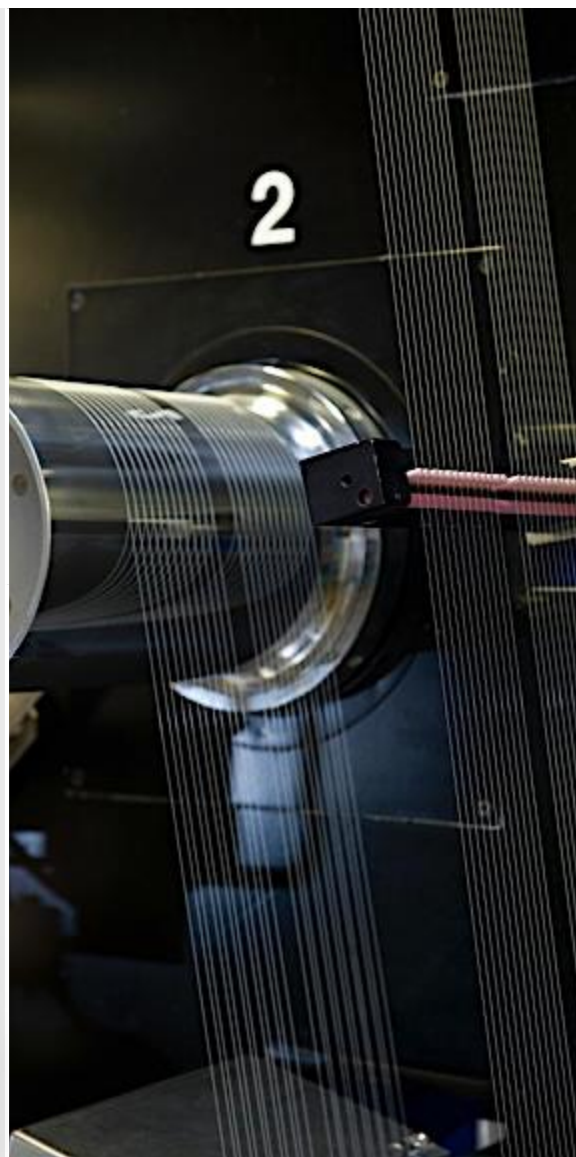
ISO 9001:2015; ISO 14001; Oeko-Tex 100





Yarns

Basis of all
fabrics





Sectional warping & drawing-in

Production
of a **warp**





Weaving

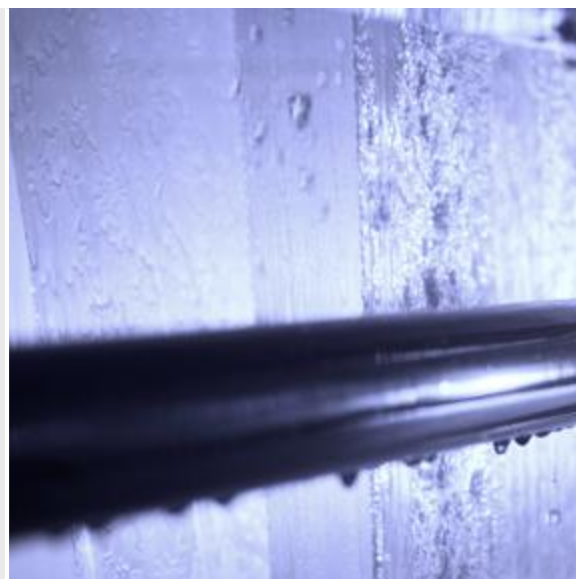
Production
of a **grey**
fabric





Finishing

Washing
Heat setting
Modifying
Quality control

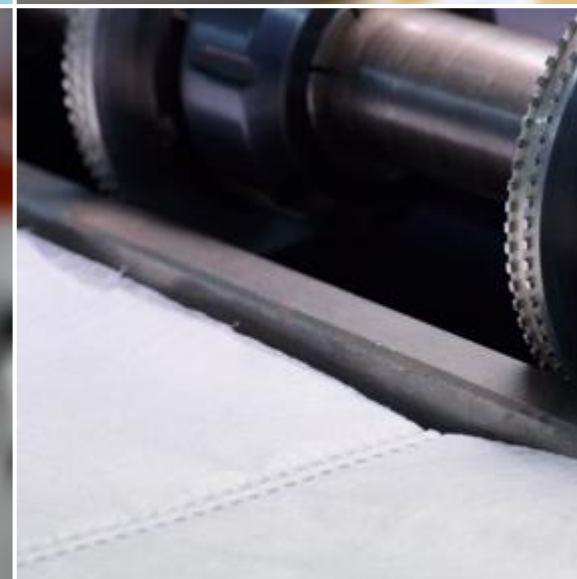
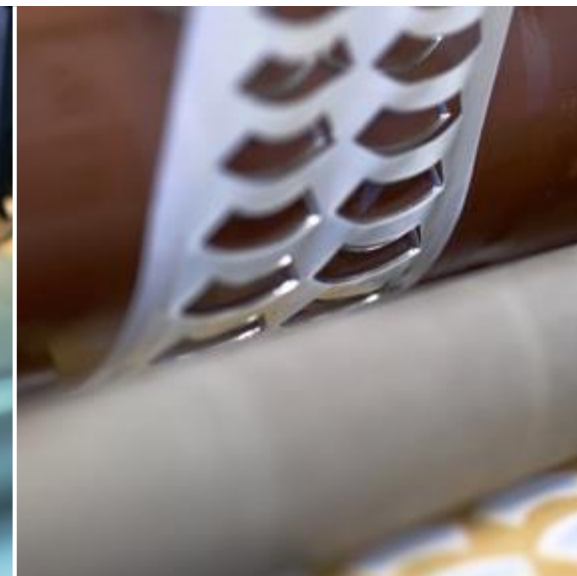
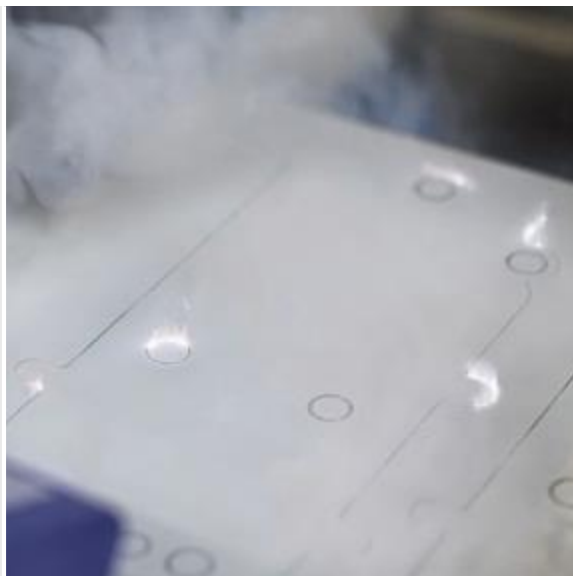




Fabrication

Filter Components

Cutting
Stamping
Welding
Pleating





Converting Filter Components

Pleated elements
Ribbons
Tapes
Shapes
Tubes

