

# Fabric solutions for the Appliance industry

Sefar offers a wide range of filtration media and highly industrialized fabrication capabilities.



## DOWNLOADS

Brochure: Appliance Industry (PDF 5096 kb)

Customer Information: SEFAR AntiBac (PDF 912 kb)

Technical List: Open Mesh Fabrics

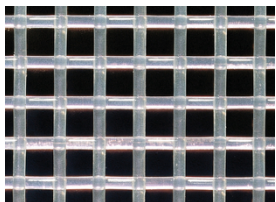
## Product Features

### Appliance Products

Inherent to our synthetic materials are:

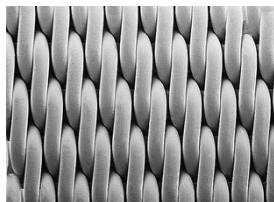
- Good fatigue properties compared to metal mesh
- Easy to handle and no sharp edges
- High strength and tear resistance
- Non-shedding properties

### Open mesh fabric



- High precision and reliable mesh opening

### Closed mesh fabric



- Highly efficient particle retention

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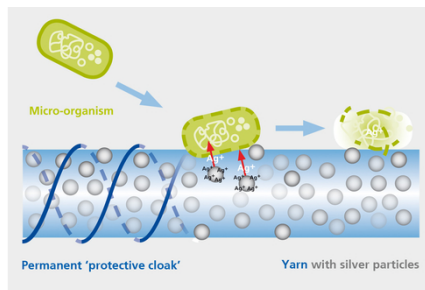
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- Low pressure drop
- High throughput
- Various surface modifications available
- Excellent surface properties
- High performance polymers for extreme and harsh conditions

### SEFAR AntiBac Technology

Sefar has developed a special anti-microbial fabric that does not need any coating and is nonetheless highly efficient. The silver particles integrated in the polymer are a fixed component of the yarn. Silver ions are universally effective against 650 types of bacteria. The respected Hohenstein Institut confirms the strong anti-microbial effect.



Micro-organism tries to form a colony absorbing Ag+ and dies off after contamination with Ag+

■ **More details...**

### Hydrophobic and hydrophilic coating

Sefar has wet-chemical coating capabilities for hydrophobic and hydrophilic

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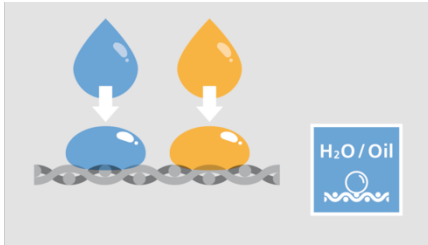
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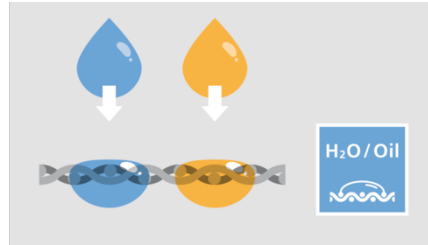
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properties and is equipped with plasma machines, which produce the same result. Oleophobic and oleophilic properties are achievable with both procedures.



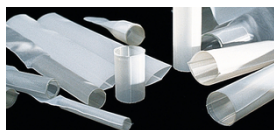
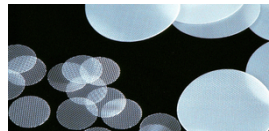
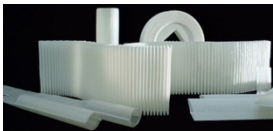
Hydrophobic / Oleophobic (coating or plasma)  
Most coatings are fluoropolymer-based solids.



Hydrophilic / Oleophilic (coating or plasma)  
Most coatings have an affinity for water, oils or oily materials.

## Fabrication & Converting Solutions

Information on our fabrication capabilities can be found by following the links below:



■ Customer specific

Please call us for further information. We will also gladly send you fabric samples!

### Locations

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