

# Fabrics for Membrane Technology

Our wide range of specialized polymer products meets all the requirements of membrane filtration systems. We can thus provide for such major applications as: membrane support materials and spacers with integrated seals.

## Product Features

### Spacer and support materials

The mechanical properties of thin membranes can be improved dramatically by strengthening them through the use of a grid material integrated into the membrane itself.

Sefar's woven, non-shedding monofilament fabrics with large open area are the ideal reinforcement media; these add strength and reduce swelling of the membrane while allowing high throughput rates.

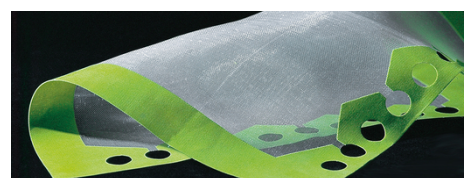
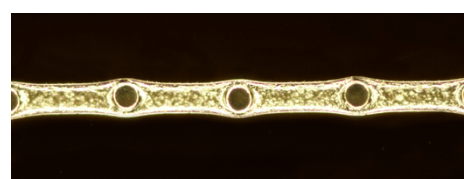
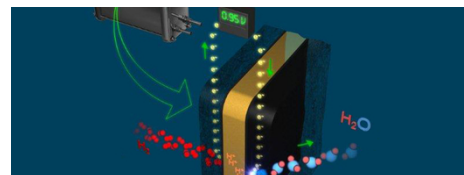
- PEEK and fluorinated products for chemically aggressive environments

or high temperature applications

- Excellent thickness uniformity
- Unique precision woven fabric geometry
- Several surface treatments for all fabric types
- Low to no extractables
- Wide range of mesh openings, thicknesses and materials
- Thinnest material available
- No sharp protrusions

### Spacers with integrated seals

- Custom-gasketed panels
- Variety of thermoplastic films



## Sefar Inc.

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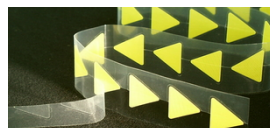
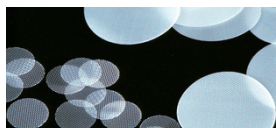
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## Your Benefits

### Spacer materials and support

- More turbulence – less fouling (unique precision woven fabric geometry)
- Reduced build-up of solids on the membrane surface (increased drainage due to three dimensional fabric structure)
- No damage to membrane (smooth surface, uniform thickness and no extraneous particles)
- Wide field of application (high performance fibers for temperature and chemical resistance)
- Little resistance – high open area (maximized open area by use of unique thin yarn)
- Improved adhesion between membrane and woven layer (different surface treatments)

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



Please call us for further information. We will also gladly send you fabric samples! Further details can also be found in the technical list 'SEFAR Open Mesh fabrics' under Downloads.

## Locations

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