

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.

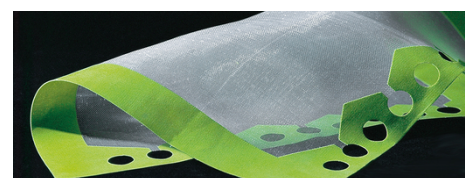
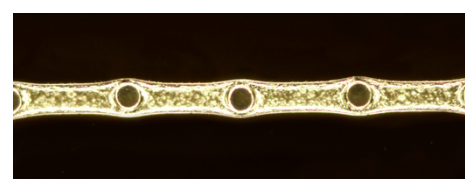
- PEEK and fluorinated products for chemically aggressive environments

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

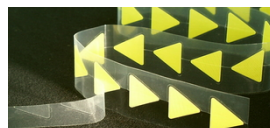
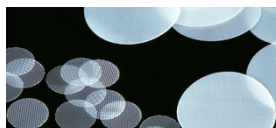


Your Benefits

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

Sefar Inc.

Gray, GA – USA

Phone 800 995 0531

Fax +1 478 986 6953

sales.us@sefar.com

[Go to content](#)



Sefar BDH Inc.

200 rue Clement Gilbert
Saguenay QC, G7H 5B1 – Canada
Phone: +1 418 690 0888
Fax: +1 418 690 9499

■ **E-Mail**



Sefar Inc.

Kansas City, MO – USA
Phone: 800 995 0531
Fax: +1 816 452 2183

■ **E-Mail**



Sefar Inc.

Los Angeles, CA – USA
Phone: 800 995 0531
Fax: +1 909 544 5901

■ **E-Mail**



Sefar Inc.

Gray, GA – USA
Phone: 800 995 0531
Fax: +1 478 986 6953

■ **E-Mail**



Sefar Inc.

111 Calumet Street
Buffalo, NY 14043 – USA
Phone: 800 995 0531
Fax:

■ **E-Mail**

Sefar Inc.

Gray, GA – USA

Phone 800 995 0531
Fax +1 478 986 6953

sales.us@sefar.com

[Go to content](#)