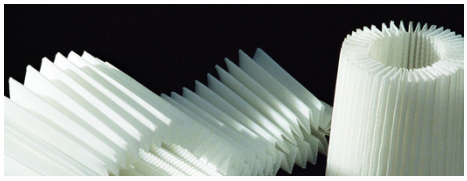
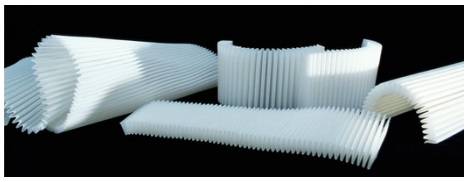
Pleated Elements

Our pleated elements are used in a variety of applications or products, such as: cardio reservoirs, oxygenators, arterial filters, appliance and industrial filters, automotive filters.





Product Features

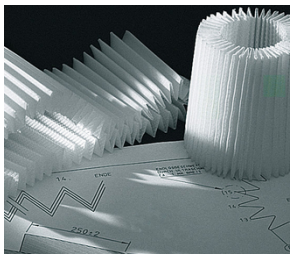
Pleated elements

If large filter surfaces in small volumes are required for efficient filtering, Sefar offers a wide range of medical pleating solutions. In pleating, up to five different fabric layers can be welded together at the edges, folded and then cut to the desired number of pleats. Mesh fabric can be combined with a non-woven material for certain applications as well. These pleated elements are available in different dimensions, with an unlimited number of pleats as well as in endless form or cylinder shape.

DOWNLOADS

Customer Information: Pleated elements (PDF 519 kb)

Product forms



- Up to 5 layers (non-woven depth filter, woven surface filter) are possible
- Various filter media and filter materials can be combined (synthetics, steel, glass)
- Pleat width ranges from 25 to 1200 mm; 25 – 590 mm for endless pleating elements
- Pleat height ranges from 6 mm (one layer) or 8 mm (multi-layer) to 50 mm

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Go to content

- Pleat counts are unlimited
- The position of the individual fabric layers, the specification of the filter side and also the number of pleats are all very important and therefore have to be defined precisely.

Packaging and labeling

- Pleated elements can be packed into PE bags that are welded shut
- Endless pleated elements up to a maximal diameter of 50 mm and a maximal height of 60 mm can be packed in blisters (bigger products in PE bags)
- Pleated elements made of SEFAR MEDIFAB fabrics are double bagged
- The label contains the following information:
  - Manufacturer
  - Material
  - Dimensions (diameter in mm, length in meter)
  - Manufacturing date

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- Order number
- Roll number
- Number of pieces per bag

  (except endless pleated elements)

Your Benefits

- Can be used for medical applications (SEFAR MEDIFAB)
- Wide scope of dimensions
- The customer can send his free choice of filter materials
- Optimal utilization of construction space
- Traceability (label)
- Easy handling (blister package)
- Easy disposal (combustible materials)

For industry/application specific use please see links below:

For further information and fabric samples, please select the preferred contact option on the right.

Locations

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Go to content

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