

Company

Leading manufacturer since 1969

LENSER is the world's leading manufacturer of filter elements for solid-liquid separation. As an expert, LENSER has long had an excellent reputation in this field. To this day, polypropylene membrane filter elements, invented by LENSER, represent the optimum technology in solid-liquid separation with filter presses. LENSER's Research & Development department builds on these years of experience and continually refines LENSER filter elements to meet new requirements. Our broad product range and far-reaching industry knowledge make us a valued partner worldwide in solid-fluid separation.

Our production processes

LENSER exclusively manufactures filter elements using the pressing method on program-controlled presses. This guarantees high repeatability, consistent quality and warp-free filter elements. In contrast to other manufacturing methods, pressing does not produce any weld lines with lower stability, which can lead to breaks in the filter elements. Production of thin-wall membranes with the necessary flexibility is only possible using the pressing method. LENSER filter elements also differ in their materials: for polypropylene membranes, for example, the company uses polypropylenes developed in-house. The result: consistently successful filtration.



Areas of application

Chemicals

Aluminium oxide, fuller's earth, colourings, enzymes, phosphates, pigments, silicates, titanium dioxide, zeolite etc.



Food

Agar-agar, beer, biofuels, fats, gelatine, yeast, oils, palm oil, proteins, starches, wine, sugar etc.



Mining

Aluminium, lead, iron, earths, gold, coal, copper, nickel, pyrite, noble earths, silver, uranium, zinc etc.



Minerals

Fuller's earth, gypsum, potash salts, potassium carbonate, kaolin, chalk, lithium chloride, phosphate, porcelain and ceramic materials, clay etc.



Sludge

De-hydrating of industrial and municipal wastewater sludge etc.

