

**GESSNER**a Mativ
Brand

GESSNER'S PRODUCT & APPLICATION PORTFOLIO

GESSNER PROVIDES FILTRATION SOLUTIONS FOR THE MOST COMPLEX CUSTOMER CHALLENGES AND TAKES PRIDE IN ITS MISSION TO PROTECT PEOPLE, MACHINERIES, AND THE ENVIRONMENT

GESSNER is dedicated to solving intricate filtration problems, using its expertise and cutting-edge technology to address unique customer needs. In every aspect, GESSNER exemplifies a commitment to excellence, innovation, and sustainable practices, truly embodying the role of a leader in the filtration industry.

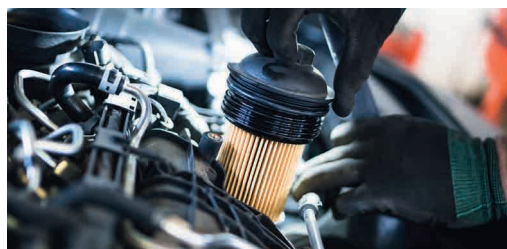
As a trusted partner in the filtration industry, GESSNER takes pride in its mission to protect people, machineries, and the environment. With a robust portfolio of products, including high-quality filter media, pleat supports, cores, sleeves, and tubes GESSNER is dedicated to creating a better, cleaner, and healthier world. These advanced filtration solutions not only safeguard human health and prolong machinery lifespan but also play a vital role in environmental protection. By reducing harmful emissions and pollutants, GESSNER's products contribute significantly towards a sustainable future, reinforcing their commitment to quality, safety, and ecological responsibility.

OUR BENEFITS

- Leader in Quality, Innovation and Service
- Outstanding long-term customer relationships
- Tailor-made innovative solutions
- Joint customer developments
- Global footprint - local sourcing in North America, Europe, and Asia
- High flexibility in production
- One stop shop in filtration - filter media, pleat support, and filter components from a single source
- 70 years of experience in the filtration market
- State-of-the-art technologies

UNLOCK NEW POSSIBILITIES WITH GESSNER'S MATERIALS & TECHNOLOGIES

GESSNER'S SOLUTIONS & PRODUCT PORTFOLIO	WATER	LIQUID	AIR
Naltex™ Diamond Netting Customizable netting used to separate and pleat filter media to achieve specific performance requirements	x	x	x
Conwed™ Square Netting Adds integrity to media whether used as pleat support or as a pre-filter in normal flow applications	x	x	x
Delnet™ Apertured Films Extruded apertured films offer the thinnest pleat support in high efficiency liquid filters	x	x	
Delpore™, NeenahPure®, NeenahGuard®, and NeenahSilence® Meltblown Nonwoven Media Highly efficient nonwoven media manufactured trusted in many filtration applications	x	x	x
Delpore™ Thermal Bond Media These unique nonwovens excel in air filtration applications ranging from MERV 4 to 10			x
Alphastar™ Triboelectric Media Electrostatic nonwovens - an ideal solution for highest MERV efficiencies up to MERV 13			x
Cranemat® & Revonex™ Synthetic Wetlaid Nonwoven Media High uniformity; features a unique set of properties designed to improve runnability	x	x	
Craneglas® Glass Wetlaid Nonwoven Media Uniform density & flame retardancy help to use this wet-laid nonwoven in a number of applications		x	x
GESSNER® Cellulose Wetlaid Nonwoven Media / Paper Highly engineered technical specialty paper, available in curing and non-curing, flame-retardant, with different raw materials & fiber blends (cellulose, synthetic & glass)		x	x
Conwed™ Rigid Tubes & Naltex™ Sleeves Extruded tubes & sleeves used to support, contain, separate, and protect	x	x	x
Coretec™ Tubing & Machined Parts Extruded parts provide strength and rigidity to protect delicate filtration media and netting	x	x	



WATER

- Feed spacer
- Center tubes
- Element inter-connectors
- Membrane backing paper / Membrane casting substrates

LIQUID FILTRATION

- Filter media
- Pleat support
- Cartridge sleeving
- Drainage layer

AIR FILTRATION

- Filter media
- Pleat support
- Cores & cages
- Screening layers

OUR DEVELOPMENTS COVER A WIDE RANGE OF DIFFERENT INDUSTRIES

At GESSNER, we believe that filtration solutions should be customized to fit the unique needs of each application. That's why we offer a wide range of technologies, filter medias, and pleat supports to create products that are efficient and reliable. We are committed to providing the highest quality filtration solutions. With our product range, we cover all filtration applications in **Air Filtration, Industrial Processes, Water Filtration, Transportation & Automotive Filtration, and Life Science**.



AIR FILTRATION

GESSNER air filter media nonwovens & nettings play an incremental part in filtering out harmful particles to ensure high air quality for people to breath and for machines to function. Our state-of-the-art technologies deliver solutions for **HVAC, air purification, air pollution control, dedusting, gas turbine air intake, and climate control**. We cover highest MERV ratings to guarantee the best solution for your air filter element.



INDUSTRIAL PROCESSES

Our products are made to meet the highest demands, providing superior performance for industrial applications. They are tested from the intermediate product to the finished end product in the best-equipped testing laboratories, ensuring a consistently high quality. They fit into a broad range of applications such as **power generation, hydraulic, EDM, welding fumes, food & beverage, vacuum cleaner, semiconductor, photovoltaic, insulation, battery separators, and aerospace**.



WATER FILTRATION

GESSNER Water Filtration technologies help water treatment facilities to turn 2,000 liters of salt water into fresh, drinkable water for only \$1.00. We play an important role by providing many components for the water industry by constantly developing innovations for membrane casting substrates, feed spacers, permeate tubes, and machined parts for the production of water filter elements. Our products are especially designed to meet customer's unique specifications for filtration solutions used in **reverse osmosis for seawater, brackish water, tap water, residential, dairy & juice** filtration segments.



TRANSPORTATION FILTRATION

Filter media and pleat support from GESSNER are used by many car manufacturers as first fit (OE), as well as in the worldwide after-market. The probability to have a GESSNER filter media in a vehicle is worldwide at 45%. We are pioneer in flame retardancy and provide tailor-made solutions for high-efficiency applications with curing and non-curing solutions. We're covering a broad range for **engine air, oil, fuel, and cabin air** filter elements.



LIFE SCIENCE

Nonwoven materials are an essential component of life science applications. From **face masks and respirator masks to bandages, wound care, medical test strips, and CPAP**, nonwoven materials provide protection and help ensure the safety of individuals. Our nonwoven materials are designed to meet the needs of life science applications, providing superior protection and performance.

ABOUT GESSNER


GESSNER is a global leader in the filtration industry. We're protecting people, machineries & the environment with our filtration solutions to ensure a better, cleaner, and healthier world.

Our highly engineered papers, films, nets, nonwovens, cores, tubes, and machined parts are designed and manufactured using natural fibers and polymers for a variety of industries and applications, such as Transportation Filtration, Water Filtration, Air Filtration, Industrial Processes, and Life Science. We provide our customers with essential components that enhance the performance of their products.

With twelve production sites located all around the world, GESSNER can develop and locally produce a wide range of materials to suit a variety of highly demanding applications. With continuous product development in close cooperation with our partners, we deliver tailor-made solutions suited for a variety of challenging end-user needs.



CONTACT GESSNER

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OUR PRODUCTION FACILITIES ON THREE CONTINENTS

Middletown, DE, USA
Minneapolis, MN, USA
Pittsfield, MA, USA
Wilson, NC, USA
El Cajon, CA, USA
Roanoke, VA, USA

Weidach, Germany (Headquarter)
Gilberdyke, United Kingdom
Strykow, Poland
Genk, Belgium
Quimperlé, France

Suzhou, China