

ADVANCED FLUID CONDITIONING SOLUTIONS®



Hydraulic & Lube Filtration

Element Technology

Accessories

Filter Systems

Fuel Filtration

Process Filtration

Product Line Overview



Hydraulic and Lube Filtration

A complete range of filter assembly types up to 6,500 psi (448 bar)

Our filter housings are continually tested using the latest ISO and NFPA test procedures in our engineering lab. Extensive testing is conducted to verify rated fatigue and burst pressures and to ensure compatibility with various hydraulic fluids, including the newest fire-resistant fluids. Product offerings include:

- ◆ High Pressure Filters (1,500-6,500 psi or 103-448 bar) High Pressure Reverse Flow Filters
- ◆ Medium Pressure Filters (500-1,500 psi or 34-103 bar)
- ◆ Suction Filters
- ◆ Custom-engineered solutions
- ◆ Stainless Steel (up to 15,000 psi or 1034 bar)
- ◆ Low Pressure Filters (up to 500 psi or 34 bar)
- ◆ Manifold Cartridge Kits and Filters

Element Technology

High-efficiency elements for lubrication and fluid power systems

Our exceptional elements are tested to ensure fabrication integrity in the manufacturing process. They are also tested for efficiency and dirt holding capacity in a multi-pass test stand, equipped with inline particle capabilities, which are calibrated to ISO standards. Featured types:

- ◆ **GeoSeal®** Patented grommet & bushing design provides a unique way for OEMs to capture and retain replacement element business
- ◆ **DirtCatcher®** Unique outside-in flow filtration avoids seam instability and prevents contaminants from being introduced into the system
- ◆ **BestFit®** Performance replacement elements designed to provide better filtration than competitors

Schroeder's complete line of quality filtration element media includes:

- ◆ **Z-Media®** Synthetic media for highest performance that meets all ISO requirements
- ◆ **ASP Media** Significantly reduce or eliminate electrostatic discharge problems during filtration of hydraulic and lubrication fluids
- ◆ **E Media** Cellulose media that offers lower efficiency for a variety of applications
- ◆ **W Media** Quick-acting, water-absorbent polymer capable of holding 400 times its own weight in water
- ◆ **Private Label Branding** Affordable filtration solutions that can be used in a wide variety of applications. Both cartridge and spin-on styles available in a wide variety of media grades (cellulose, synthetic, water removal, anti-stat). Over 40,000 cross references available on our website.



Filter Systems

Mechanical and electronic fluid conditioning and diagnostic monitoring tools

As applications become more sophisticated and widespread, the need for highly sensitive diagnostic equipment to measure and analyze the performance of these systems is increasing. Schroeder Industries provides fluid conditioning and diagnostic solutions known for their diversity, capability and precision. Product offerings include:

- ◆ De-Watering and Vacuum Dehydration Units
- ◆ Asset Management Filter Carts
- ◆ Off-line Mobile and Stationary Skid Systems with multiple power options
- ◆ Trouble Check Plus Fluid Analysis and EasyTest Series
- ◆ HTB Hydraulic Test Benches
- ◆ TestMate® Series for condition monitoring
- ◆ Particle Counters & Metal Detection



Process/Water Filtration

A full range of automated backflush, centrifugal and bag housing products

Schroeder Industries' Process/Water Filtration Products remove solid contamination from fluids, and protect the integrity of high grade components that depend on low viscosity water or water-based fluids and emulsions. Improvements in operational efficiency, reduced downtime, lower maintenance costs and reduced environmental impact can all be expected.

- ◆ Automatic Backflushing Filters
- ◆ Automatic Twist Flow
- ◆ Bag Housings and Elements
- ◆ Cartridge Housings and Elements
- ◆ Rolling Media Filter
- ◆ Oil and Gas Products
- ◆ Mining Specific Products
- ◆ Custom Process Skids



Fuel Filtration

Bulk diesel fuel conditioning and biofuel purification and treatment systems

Schroeder provides a full range of fuel filtration products and systems that have revolutionized biodiesel purification processes, and serve a diverse range of markets and industries. They are designed and built to meet and exceed the biodiesel purification and filtration requirements of our customers. The designs of our products are a result of many hours of field testing, laboratory research, over 65 years of experience and partnerships with biodiesel producers, as well as a strong partnership with our friends and biodiesel experts in the UK, Filtertechnik.

- ◆ Fuel and Biofuel Filtration and Pre-Treatment Products
- ◆ Dry Wash Purification Systems and Cold Soak Filtration
- ◆ Coalescing Filtration
- ◆ Final Polishing Systems
- ◆ Fuel Quality Control Products
- ◆ Bulk Diesel Skids
- ◆ On-Board Diesel Filtration
- ◆ Custom Fuel Skids



Accessories

A complete range of reservoir accessories, roto-molded reservoir subsystems and individual accessory components with unique value-added options

From advanced technology desiccant breathers to metal fill caps to diagnostic test points and test kits, Schroeder fills the technology gap left by traditional accessory manufacturers.

- ◆ Plastic Reservoirs (and Tank Straps)
 - Custom & Standard
- ◆ Ball Valves
- ◆ Test Equipment PTF
- ◆ Indicators
- ◆ Test Points
- ◆ Oil Sight Glasses
- ◆ Breather Comprehensive Offering-Particulate
 - Desiccant
 - Plastic & Metal
 - Reusable Elements
 - Anti-Splash Options





For over 65 years, Schroeder Industries, an ISO 9001: 2008 certified company, has designed, manufactured and marketed a complete range of filtration products for the hydraulic and lubrication, filter systems, process/water and fuel industries. Our products are positioned to serve the manufacturers and users of industrial and mobile equipment. Our expertise in filtration technology, superior filter and element technology capabilities, dedication to customer service and product support are the reasons Schroeder is a worldwide leader in Advanced Fluid Conditioning Solutions®.

Schroeder Industries' corporate headquarters is located in Leetsdale, PA, with manufacturing facilities at the Leetsdale location, as well as Cumberland, MD.

For more information, please visit: www.schroederindustries.com

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Markets Served

Schroeder's products, technical expertise, commitment to research and development, and ongoing improvements in manufacturing enable us to provide products and services that improve performance and efficiency in many major industries, including:

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|-----------------------|---------------|---------------------|---------------------------------|--------------------|-------------------------|
| • Agriculture | • Defense | • Machine Tools | • Offshore | • Power Generation | • Recreation |
| • Automotive | • Environment | • Marine | • Oil and Gas | • Printing | • Refuse |
| • Bulk Fuels | • Forestry | • Mining Technology | • Oil Recycling and Reclamation | • Pulp and Paper | • Steel Making |
| • Chemical Processing | • Industrial | • Mobile Vehicles | • Plastic Injection | • Railroads | • Water and Waste Water |

Corporate Mission Statement

Partnerships Innovating products, processes and services to improve performance and efficiency in our industry.

Core Values

Honesty

- ◆ Tell the truth at all times, in all matters
- ◆ Have open lines of communication and share timely, accurate and thorough information with internal and external customers
- ◆ Do not steal and respect each other's and the Company's property

Leadership

- ◆ Recognize that we are empowered to act as leaders and participate in the decision making process
- ◆ Take responsibility for and have pride in our work
- ◆ Set goals and celebrate the efforts and accomplishments of our teammates
- ◆ Value our greater community and take leadership roles in our neighborhoods and for the environment

Teamwork

- ◆ Cooperate within and between departments
- ◆ Coach and mentor; listen and share knowledge, experience, and ideas
- ◆ Treat others with respect and consideration in all circumstances
- ◆ Invest in the development and growth of all team members
- ◆ Keep our work areas safe and clean

Ingenuity/Innovation

- ◆ Value innovative thinking and the generation and implementation of new ideas to solve customer (internal and external) problems
- ◆ Be flexible and adapt to new ideas and different ways of doing things
- ◆ Utilize available resources for new designs and innovations

Quality Policy

Continuous improvement in our business to ensure a quality product, shipped on time, without compromise.

Vision

We design solutions for industry and for the success of our customers by:

- ◆ Expanding globally to support our customers and stay current with new technologies
- ◆ Leveraging and sharing our knowledge to meet challenges openly
- ◆ Nurturing a creative, cooperative culture committed to the individual and to providing the best solutions for the customers
- ◆ Optimizing the use of technology with applications.
- ◆ Using an efficient, timely customization process to fill specific customer needs.
- ◆ Increasing capacity and streamlining operations.
- ◆ Preserving our reputation for reliability

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