

FILTRATION SOLUTIONS FOR DEFENSE



Improved Reliability

Qualified Products

Lower Maintenance Costs



RLT

Medium Pressure Filter | RLT

- ◆ Top-ported filter has 1,000 psi (70 bar) operating pressure and up to 70 gpm (265 L/min) flow
- ◆ Durable, compact and lightweight
- ◆ Threaded bowl facilitates simple element change outs
- ◆ Same day shipment model available



Test Points

Accessories | Test Points

- ◆ Provides a fast, easy and safe way to test pressures up to 10,000 psi (680 bar)
- ◆ Available in both 1215 (M12 x 1.5 reverse buttress) and 1620 (M16 x 2.0) connection threads with a variety of screw-in port threads
- ◆ Other uses include obtaining oil samples for subsequent testing or bleeding air from a hydraulic system



RF3

ATF

Process Water Filtration | RF3 and ATF

- ◆ **RF3:** The RF3 offers filtration ratings from 25 μm to 3,000 μm and separation of solid particles from water and low viscosity fluids. The RF3's performance is enhanced by isokenetics. It offers continuous filtration even during backflushing and is virtually maintenance free
- ◆ **ATF:** Self-cleaning and backflushing, the ATF filters high levels of solid particles from water using cyclonic action. It's Ideal for pre-filtration/separation before RF systems; filtration of surface/sea water, process water and waste waters.



Element Technology

Schroeder Bestfit® Element with Private Label Branding Available

- ◆ Affordable filtration solution that can be used in a wide variety of applications
- ◆ Cartridge and Spin-on styles available
- ◆ Variety of media grades (cellulose, synthetic, water removal, anti-stat)
- ◆ Available for private label branding
- ◆ Over 40,000 cross references on the website



AMFS

TMU

Filter Systems | AMFS and TMU

- ◆ **AMFS:** An all-in-one system that monitors fluid condition, filters out contaminants and tracks all necessary data. Includes real-time monitoring of ISO cleanliness and water saturation and automatic shut-down when desired ISO codes is reached.
- ◆ **TMU:** The TMU, a portable service unit, is designed for temporary measurement of solid particle contamination (ISO code) and water saturation in hydraulic systems. The integrated pump and the hoses with test point connections, which are included with the TMU, allow operation on reservoirs, control circuits, and high pressure circuits.



BDC

BDFC

Bulk Diesel Fuel Filtration | BDC, BDFC, BDF1 and BDS

- ◆ Mobile units allow for kidney loop filtration of remote sites or multiple bulk storage tanks to ensure clean fuel for your fleet
- ◆ Incorporates Schroeder's fully synthetic media and patent pending fuel water separation technology
- ◆ A bag element pre-filter is incorporated into the BDC to allow for removal of microbial and rust contamination
- ◆ Both mobile units operate using 115V AC 60 Hz power supplies with resettable overload motor protection
- ◆ Protects expensive Tier III and Tier IV engine components against failures caused by particulate and water transferred from the bulk fuel tank to the vehicle tank
- ◆ Allows users to meet or exceed particulate and water removal specifications of the injection system OEMs
- ◆ Upstream particulate filtration designed to provide maximum coalescing element performance downstream, saving time and money
- ◆ Schroeder Anti-Static Pleat Media (ASP®) is standard in all coalescing elements
- ◆ Complete automation is achievable with a WIF sensor fail-safe auto-drain feature with remote sump available on BDC, BDF1 and BDS



BDF1

BDS

Hydraulic Test Bench | HTB

- ◆ Available in 50, 100 and 150 horsepower
- ◆ Designed for repair testing of hydraulic motors, pumps, cylinders and valves
- ◆ Mounting plates are furnished to accommodate flange-mounted and foot-mounted pumps or motors
- ◆ Drive adapter equipment includes inserts for keyed shafts, an insert chuck and a universal drive shaft
- ◆ Quick disconnect porting on the bench provides convenient hook-up for test components



HTB

Schroeder Industries, an ISO 9001:2008 certified company, focuses on developing filtration and fluid service products for defense. We are proud of our proven track record of providing quality products over the last sixty years. The designs you see inside are the result of thousands of hours of field testing and laboratory research combined with decades of experience. Schroeder was one of the first companies to demonstrate the need for, and benefits of, hydraulic filtration. We pioneered the development of micronic filtration, helping to set performance standards in industrial fluid power systems. As a result, Schroeder is now a leader in filtration and fluid conditioning — and the proof of our expertise lies in our broad mix of unsurpassed products.

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Defense



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

- ◆ Optimizing the use of technology with applications for improved equipment performance
- ◆ Using an efficient, timely customization process to fill the specific needs of defense
- ◆ Preserving our reputation for reliability and flexibility to meet military demands
- ◆ Expanding globally to support our customers and stay current with new technologies
- ◆ Leveraging and sharing our knowledge to meet challenges
- ◆ Nurturing a creative, cooperative culture committed to providing the best solutions for our customers

Our goal is to be your fluid conditioning partner. Our expertise in filtration technology, our superior filter and element manufacturing capabilities, and our dedication to customer service and product support are the reasons we're considered experts in Advanced Fluid Conditioning Solutions®.

We are committed to providing the best available filter products to meet necessary cleanliness levels at a competitive price. As a cost-effective quality producer, we can work with your organization to supply contamination control technology or develop long-range pricing programs that can improve your company's bottom line.

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