

Filtration Solutions
American Made/Global Distribution



String Wound Cartridges



Media selection and core materials make string wound cartridges ideally suited for a broad range of applications. These filters are available from 4 to 72 inch lengths, and with 2 to 6 inch outside diameters. These filters are compatible with most existing vessels. Optional core covers, external wraps, multi-gradient micron ratings are available. These filters are nominally rated at 95.9% to 99% efficiency.

- Nominal micron ratings: 0.5 – 300
- 13 yarn/media options from natural cotton to high-temperature Ryton
- NSF/ANSI 42/61 Certification on selected applications
- 8 core material options
- 12 end cap configurations
- Continuous strand winding geometry
- Low unit cost

Pleated Cartridges



Manufactured using pleated polyester, polypropylene, and cellulose medias, these cartridges are suitable for a wide range of filter applications. End cap configurations include: standard DOE and SOE, fin, 222, 226, flat gasket, and customer unique options. Lengths of 4 to 40 inches with 2 to 6 inch outside diameters make these cartridges interchangeable with most standard vessel applications. Core options include: nylon, polypropylene, tin plated steel, 304, and 316 stainless steel. These cartridges will effectively remove suspended particles and impurities from 0.5 - 50 microns based on media selection.

- Nominal micron ratings: 0.5 – 50
- Standard 2.5 O.D. x 10" cartridge contains 4 Sq. Ft. of media
- High Efficiency (HE) 2.5 O.D. x 10" cartridge contains 6 Sq. Ft. of media
- End cap configurations and color options are available
- Customer unique molded end caps including: Logo, Name, Microns, and Made in the USA
- Optional external wraps and netting

Melt Blown Filter Cartridges



Manufactured from 100% virgin polypropylene fibers, these filters offer true depth filtration. Micron ratings of 1 to 100 are available in lengths up to 50" in both 2.5 and 4.5 inch diameters. All materials are FDA compliant and are offered with optional polypropylene core for greater strength. These filters can be incinerated for easy environmentally-conscious disposal. End cap options include: SOE flat, 222, 226, and fin. Optional grooving doubles the effective surface area, significantly increasing total contamination load and improved life cycle costs.

- 100% FDA approved materials
- Custom lengths
- Multiple end treatments
- Low entry level cost
- High efficiency grooving option



Bag and Pleated Bag Filters



Liquid filter bags offer low-pressure drop, high dirt holding capacity, and excellent particulate retention. Standard liquid filter bags are economical and easily disposable. They are offered with a variety of materials and a wide array of sizes and styles. Pleated bags provide longer service life, reduce operating costs, and less process downtime. Custom and standard lift handles enable simple and fast removal of spent bags. Inside to outside flow promotes easy disposal with less risk of downstream contamination during the change out. Oil-Thirsty bags are the perfect answer for removing trace oil from industrial streams of aqueous-based fluids. A standard #2 Oil-Thirsty bag filter will remove approximately 16 pounds of oil using our micro-fiber media. Custom-sized bags are available.

- Low clean pressure drop
- Excellent particulate retention
- One micron @ 96% efficiency at 75 GPM flow rates
- Interchangeable with all standard #1 and #2 bag housings
- Multiple media options
- Inside to outside flow for ease of change-out without downstream contamination

Carbon Filters



Configuration options include: granular filled porous shells, block, wrapped, and pleated. Choice of cellulose or polypropylene, carbon impregnated media, or our proprietary 50/50 blend of polypropylene/coconut blended yarn filters. We offer the broadest selection of carbon cartridges in the industry. All are interchangeable with standard vessels. To ensure purity, only coconut-based carbon is used in the manufacturing process. Specialty formulated carbon cartridges address chlorine, taste, odor, lead, cyst, VOC's, chloramine/hydrogen sulfide, iron, demineralization, hardness, nitrates, and scale. Many are approved to the NSF42 standard. Micron ratings of 0.5 to 20, lengths of 4 to 40 inches, with 2.6" and 4.5" O.D., are standard configurations. Custom configurations are available.

- Coconut base carbon for purity and efficiency
- NSF42 certification on many applications
- Wrap, granular, pleated, and GAC fabrication options available
- Single cartridge and multi-staged filtration configurations
- Core, endcap, and media options

Resin-Pur Cartridges



With a unique two-stage filtration design to maximize particle removal and extend service life, these cartridges are ideally suited for high viscous fluid applications. Manufactured using acrylic and polyester fibers blended with phenolic resins, these filters are used for paints, inks, adhesives, resins, waxes, oil & gas fluids, as well as other petroleum applications. These filters are compatible with weak acid bases (pH 5-9). They are not recommended for use in oxidizing agents and/or FDA food/beverage applications. Available in micron ratings of 2 – 250, and in lengths of 9 – 40 inches, these filters are compatible with most existing vessels. Made of non-hazardous materials, these filters can be incinerated and or shredded for ease of disposal.

- Two Stage Filtration
- Differential pressures in excess of 150 psi
- Fluid viscosities in excess of 15,000SSU (3200cks)
- One-piece construction eliminates bypass concerns



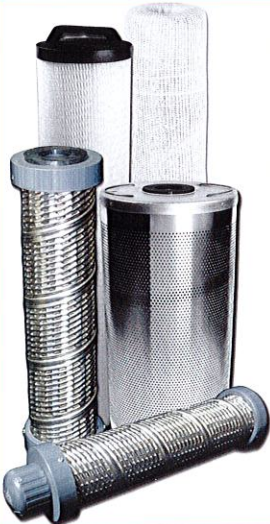
Ultra-D Submicron Cartridges



Proprietary electrodsorptive media technology enables these cartridges to reduce virus, bacteria, and endotoxin with high flow rates and very low-pressure drop as compared to membrane medias. Bacteria reduction of 99.9999% (6 log), virus reduction of 99.99% (4 log), and cyst reduction of 99.95 (3.5 log or greater) are documented by the US-based independent testing laboratory. These filters offer significant reduction of virus, bacteria, cyst, Humic acid, bromine with PAC option, Chlorine with PAC option, and lead 6.5pH and 8.5pH, along with Ortho-phosphate, PCB's, BPA, Penicillin, Arsenic, Ferric Iron, Chromium VI, and Legionella. Against Legionella, these filters were tested to be 99.999% effective. Four media options are available: white, white-PAC (carbon), white-Agion (silver), and white-PAC/Agion silver combined. These medias are NSF/ANSI 42/61 Certified, and all wetted components are FDA Food and Beverage compliant.

- High flow rates with low clean pressure drop
- Eliminate wasted back-flushing common with RO systems
- Four media options
- Highly effective against heavy metals and organics
- DOE, SOE, 222, 226, and Flat end cap options
- 2.5" and 4.5" O.D. with lengths to 40 inches

Petroleum/Gas Filters



United Filters offers a comprehensive line of filters and filter vessels utilized in offshore exploration and production, gas production and transmission, and petrochemical refinery applications. Our filtration products are designed to increase process performance, decrease down-time, lower maintenance costs, and improve operating efficiencies. Our products include: activated carbon, standard and pleated bag filters, resin bonded, standard and grooved melt blown, string, sock, and pleated media filters. Common applications include: injection water contaminant removal, produced water to remove solid and hydrocarbon contaminants associated with surface disposal and re-injection; Amine and Glycol purification using carbon and solids filtration media to remove hydrocarbons and suspended particles; condensate dewatering with two phase liquid separation products to remove water from hydrocarbons; and wastewater remediation to remove and reduce organic compounds from water and wastewater.

- Comprehensive line of filtration products
- Broad selection of filter vessels
- Cost effective OEM interchangeable products
- Stocking programs available
- Rapid customer turnaround

Filtration Housings



CPVC, Polypropylene, PVDF, Carbon steel, and 304/316 Stainless steel housings are available to accommodate bag and cartridge applications. All stainless steel vessels are offered with our "High Polish Finish" at no additional cost, and in many applications precludes the need for electro polish. Offered with threaded, flanged, and Tri-Clamp inlet/outlets, and swing bolt and V-Band closures, these housings offer excellent value. With single or multiple bags and cartridge options and flow rates in excess of 2000gpm; these units will serve a broad range of applications. Optional ASME Code Stamp and lifting Davit Arm Devices are available.

- CPVC, POLYPRO, PVDF, Carbon, and 304/316 materials
- Flow rates in excess of 2000gpm
- Swing bold, V-Band, and Tri-Clamp closure options
- Single and multi-round cartridge, and bag options
- NPT, Tri-Clamp, and Flanged Inlet/Outlet options
- High Polish Finish on all Stainless Steel at no added cost



Ultra-D Twin POU



Supplied as a complete kit, this unit is comprised of two-10 inch pre-plumbed housings ready for under the sink applications. The kit includes housings, through-the-counter water dispenser, bowl wrench, in/out quick connectors, and independent cold water isolation valve. They are designed for the “do it yourself home-owners” seeking a low-cost alternative to bottled water. Our standard package uses our proprietary ULTRA-D cartridge in the first stage and polypropylene impregnated carbon polishing filter in the second stage. This unit will effectively address pathogens such as a virus, bacteria, and cysts, as well as many heavy metals to include: lead, ferrous iron, arsenic, cadmium, chromium, selenium, and mercury. Optional filter cartridge configurations are available.

- Eliminate wasted back-flushing common with RO systems
- Low entry cost of ownership
- Cartridge life of one year under normal operating conditions
- Low-cost cartridge replacement
- Safe, good tasting drinking water

Trident Whole House POE

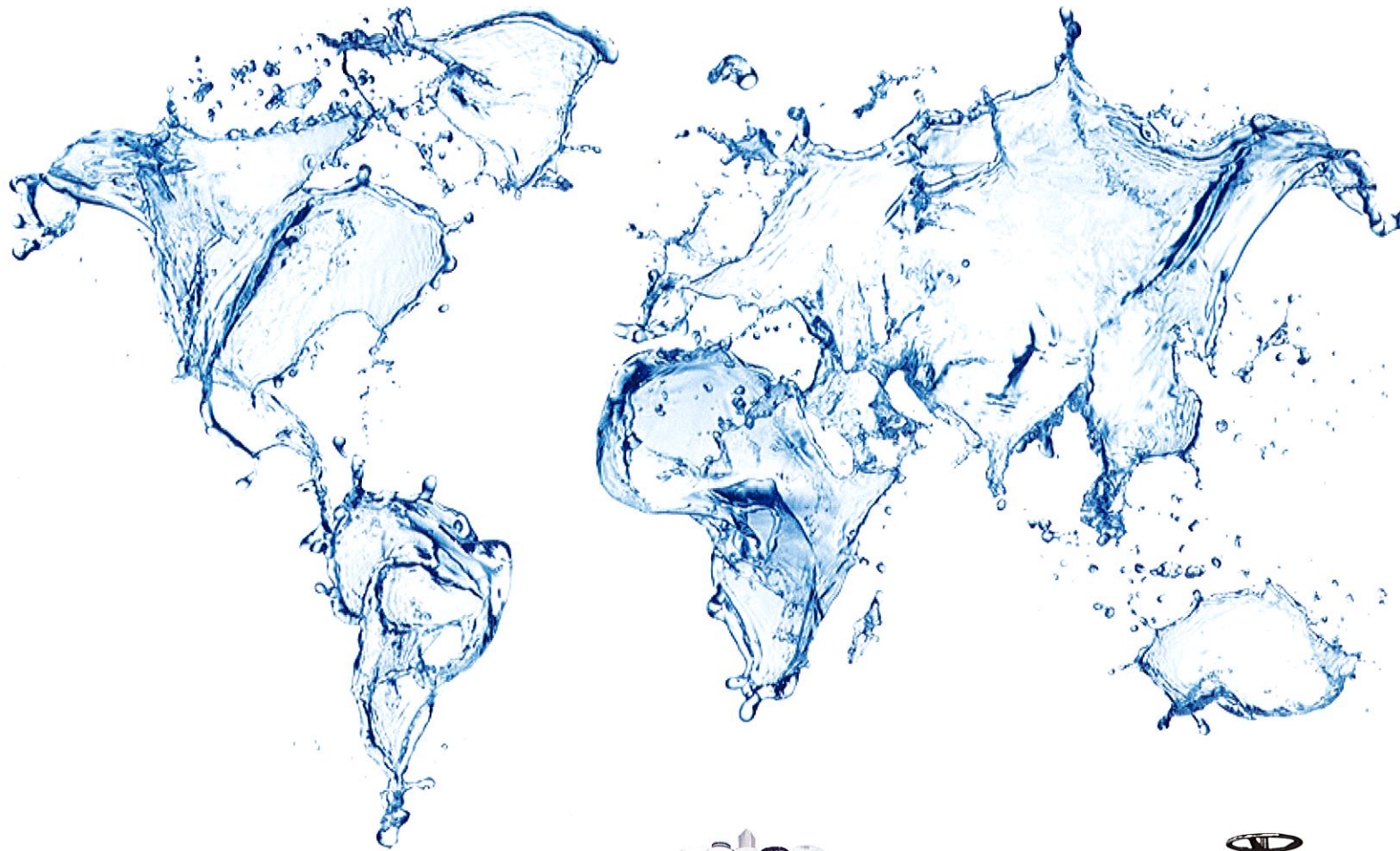
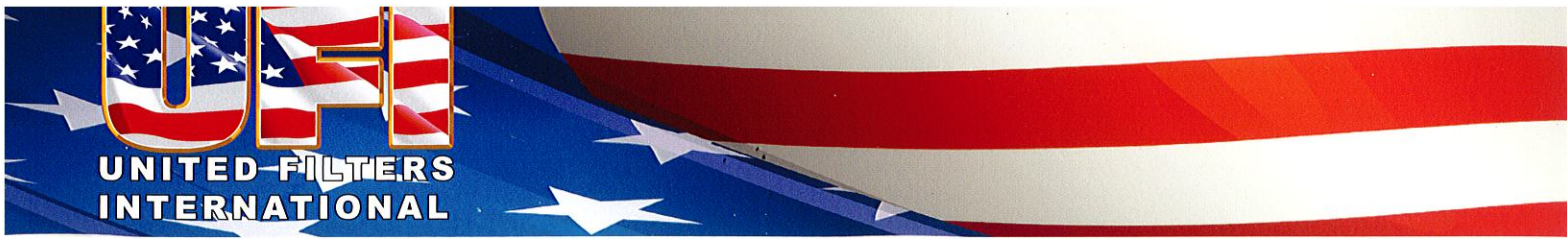


Engineered for whole house applications, The Trident Point of Entry offers the same benefits as The Twin Point of Use product with significantly higher flow rates. These units are capable of supporting surge flow rates in excess of 30gpm and sustained flow rates of 20gpm. They are comprised of three twenty inch long Big Blue (4.5" OD) filter housings mounted on a common bracket with pre-plumbed connections for ease of installation. The First stage filtration is our ULTRA-D pleated High-Flow media to address 90% of suspended solids, heavy metals, and organics. The Second stage utilizes our ULTRA-D PAC/Carbon/AGION Silver to remove +99% of heavy metals, organics, viruses, and pathogens. The Third stage is a carbon block polishing filter to improve taste and eliminate any residual odor. The optional Third stage filters include cartridges specifically engineered to remove: minerals, chloramine, nitrates, scale, and fluoride. Other specialty blends are available to address specific geographical needs.

- Eliminate wasted back-flushing common with RO systems
- Low entry cost of ownership
- Cartridge life of one year under normal operating conditions
- Low-cost cartridge replacement
- Safe, good tasting drinking water
- 20-30gpm flow rates

Corporate Profile

United Filters International is a US-Based Manufacturer with primary manufacturing facilities located in Amarillo, Texas, and Sun Valley, California. Established in 1972, UFI has continuously served its growing customer base for over 40 years. Products are available via a global network of distributors and OEM customers. Filtration products are manufactured from both natural and man-made materials configured into pleated, string, and carbon cartridges; filter bags, and specialty formulated applications. Many products are certified to the NSF/ANSI 42 and 61 standards. All wetted components are FDA compliant. A complete line is available of bag and cartridge filter housings in steel, and stainless steel, and polymer materials. Rapid prototype, short production runs, private labeling, and contracted inventory are just a few of the available options to customize your product offerings.



For Clear Solutions to your filtration needs contact our specialists:

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