

Purefer™ Filter housings & Cartridges



Recently Global Water Solutions has further expanded our water treatment product offerings with the new Purefer™ Series filter housings and cartridges. After studying traditional filter compatibility issues we have developed a range of products that complement each other in order to help our customers improve their water treatment and purification systems.

We have put extensive effort and resources into developing various injection molding and manufacturing techniques that allow us to break with the industry's traditional reliance on chemicals and additives to produce plastic filter housings and cartridges. Consequently our filter housings and cartridges are made with 100% virgin materials and are capable of withstanding high pressures and water hammer effects.

We take great care when selecting materials and enforce rigorous incoming inspections and testing. Each component has been scrutinized to ensure we offer the highest quality products possible. All of these steps have been taken to guarantee the safety to both our customers' health and property!

FILTER HOUSINGS

Standard Filter Housings



RO Membrane Housing



Features

- 100% Virgin Materials - Polypropylene or AS (Acrylonitrile Styrene) option; No talc or other chemicals added ensuring housings are sterile and hygienic
- No injection molding releasing agents used in manufacturing
- Minimum burst pressure exceeds 500 PSI
- Patented lip seal with single top mounted O-ring design prevents leaks
- O-ring free of Nitrosamines

Ultra-Pure PP Housings with zero additives or pigments also available for chemical filtration, semi-conductor manufacturing and other applications that require housings made with nonreactive materials

EXCLUSIVE *BL@CKFREE*™ SERIES “2-IN-1” ACTIVATED CARBON FILTERS

The World's First Patented Filter that Protects RO Membranes and Faucets

An internal polypropylene post filter is inserted into the filter cartridge to prevent carbon fines from escaping. Eliminates “carbon black” from water while protecting the RO membrane and faucet from carbon fines, extending RO membrane and faucet life.

Protects the Safety of Drinking Water with Increased Chlorine Removal Efficiency

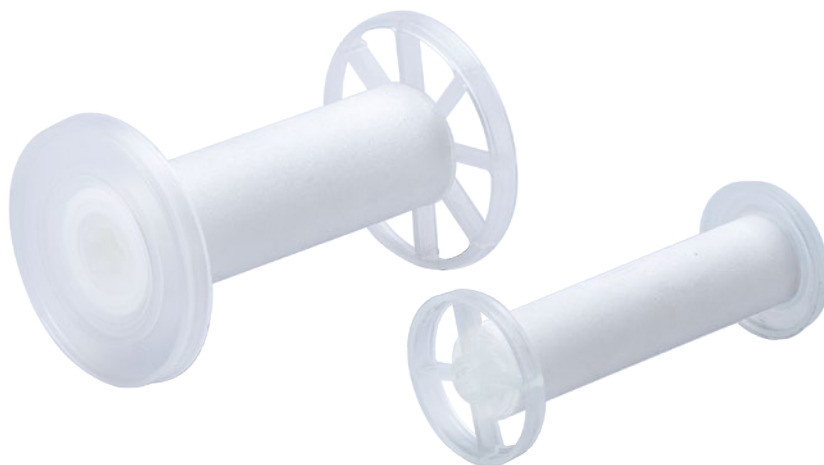
- Incorporates bacteria resistant PET pads instead of foam sponges, thus ensuring drinking water stays pure and uncontaminated.
- All parts are sealed using advanced friction welding, eliminating the need for glues
- Cartridges are filled with 100% coconut shell activated carbon with an iodine number of 1000 for improved chlorine removal efficiency.
- Inline Filters and UDF Cartridges are filled with 100% pure coconut shell activated carbon with an iodine number of 1,000 for improved chlorine removal efficiency.

Industry's Highest Pressure Rating

- Cartridge body designed to withstand high pressures.
- Minimum burst pressure exceeds 500 PSI.
- Reduces risk of damage and/or rupture from water hammer.

Installation Tips

- Always note the flow direction as indicated on the product label.
- Prior to using the UDF cartridge, first soak for in water for two minutes then flush for 8 minutes.



T33 & K33 SERIES



- T33-10-PP 10" Inline PP filter
- T33-10-GAC 10" Inline activated carbon filter
- T33-10-GAC-2in1 *BL@CKFREE™* SERIES
10" Inline activated carbon filter



- T33-11-PP 11" Inline PP filter
- T33-11-GAC 11" Inline activated carbon filter
- T33-11-GAC-2in1 *BL@CKFREE™* SERIES
11" Inline activated carbon filter



- K33-11-PP K33 inline PP filter
- K33-11-GAC K33 Inline activated carbon filter
- K33-11-GAC-2in1 *BL@CKFREE™* SERIES
K33 Inline activated carbon filter

Features

- Burst pressure exceeds 500 PSI
- 100% pure coconut shell activated carbon, no recycled carbon
- Iodine number of 1,000 for improved chlorine removal efficiency
- Bacteria resistant PET pads
- All parts are sealed using advanced friction welding, eliminating the need for glues

Applications

- RO Final Stage Polishing Filter
- Refrigerator & Ice Maker Filter
- Water Coolers & Fountains
- Coffee Makers & Barista Stations
- Under Sink Applications

Installation Tips

For optimum performance, replace filters every 2,000 gallons or once per year.

UDF SERIES



UDF-GAC-TRAD

10" UDF activated carbon filter

UDF-GAC-2in1

BL@CKFREE™ SERIES
 10" UDF activated carbon filter

Features

- 100% pure coconut shell activated carbon, no recycled carbon
- Iodine number of 1,000 for improved chlorine removal efficiency
- Bacteria resistant PET pads
- All parts are sealed using advanced friction welding, eliminating the need for glues
- UDF cartridges come with a top mounted thermoplastic gasket, unlike other gaskets made of PVC or natural rubber that can release dioxin and support bacteria growth

Applications

For use in 10" filter housings as a standalone water filter or as a prefilter for water purifiers and other water filtration systems.

Installation Tips

For optimum performance, replace filters every 6 months or as required subject to local water quality and application requirements.

PP SEDIMENT FILTERS



Features

- 100% virgin polypropylene
- No chemicals are used to reduce the melting point of the PP material ensures zero secondary contamination
- Single nozzle design ensures even material density and optimum filtration efficiency
- Available in 10” and 20” standard and big blue sizes
- Available in 1, 5, 10 and 20 micron nominal ratings

Applications

- Removes sediment, dirt, rust and other suspended particles
- Reverse osmosis system prefilter
- Prefilter for domestic or commercial water filter systems
- Standalone point-of-entry or point-of-use sediment filtration

Installation Tips

For optimum performance, replace filters every 3 months or as required subject to local water quality and application requirements.