A New Choice in Polypropylene Filters for
SIMPLICITY, SAFETY & SERVICE LIFE

You’ll save time and money… improve filtration quality… and no tools required!

XL234 Modular Filter System makes change-outs faster and easier than ever with its unique twist-off lid. You can choose from a 7-cartridge system or our new patented EZLoc filter bag with a built-in polypropylene ring that makes filter bypass a thing of the past. Either choice offers long service life and can be changed in minutes without tools!

Getting a perfect fit is easy with FSI’s new patented filter bag ring! Service operators can easily insert a bag by snapping the uniquely designed molded ring into the sealing groove and closing the vessel lid. Used bags are removed in one easy motion by flexing and lifting the ring from the sealing groove… no tools required.

This may be the easiest system we have ever designed!
**XL234 Modular Filter System features include:**

- **Sturdy vessel construction**—glass-filled polypropylene with UV inhibitors make this vessel extremely durable and compatible with a broad range of chemicals.
- **Quick-and-easy lid** requires no tools for opening and closing.
- **Highly corrosion and rust resistant.**
- **Modular filter design** allows for a variety of inlet/outlet configurations (specified with order).
- **Stands upright on molded legs for easy installation.**
- **Available with either 2” NPT or 3” flange connections**
  - 2” NPT, Style 6 Standard—(inline side in, side out)
  - 2” NPT, Style 8 Optional—(same side–side in, side out)
  - 3” Flange, Style 2 Standard—(side in, bottom out)

**As a cartridge system:**

- Cartridge carrier is 100% nonmetallic and holds seven 20”, 30” or 40” filter cartridges (2.5” OD) to use with:
  - Double Open End
  - Single Open End 222 w/Bayonet
- 7 filter cartridges increase filter element surface area for a flow rate of up to 140 GPM
- Can use standard (Vorex®) or absolute rated (Vorex® HP) cartridges.

**As a bag system:**

- Bag vessel is nonmetallic externally with 316 stainless steel basket.
- Filter bag has 20% more surface area than standard #2 bag for longer life and flow rates of up to 160 GPM.
- **EZLoc** patented filter ring hermetically seals filter to prevent bypass.
- Variety of bag materials available including:
  - Polypropylene Felt (PONG)
  - Polypropylene Monofilament (PMO)
  - Polypropylene Micron Fiber (POMF)

**Safety Features:**

The XL234 vessel is rated up to 85 psi at 110° F.

FSI engineered two pressure safety points into the XL234 vessel lid to reduce heat and pressure accidents:

1. A spring-loaded locking pin is designed to keep the lid in place until it is manually moved.
2. A sacrificial vent grommet will vent if the lid is not closed securely.
### Filter Bags for XL234

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<thead>
<tr>
<th>Example</th>
<th>B</th>
<th>PONG</th>
<th>10</th>
<th>XL</th>
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**Product:**
- **B** = Bag
- **PONG** = Polypropylene Felt
- **POMF** = Polypropylene Microfiber
- **PMO** = Polypropylene Monofilament Mesh

**Micron:**
- **PONG:** 1, 3, 5, 10, 25, 50, 75, 100
- **POMF:** 1A = 1 Micron; 2A = 2 Microns; 1OA = 10 Microns; 25A = 25 Microns; 90A = 90 Microns
- **PMO:** Spec Purpose 25 Micron

**Media:**
- **B** = Bag
- **D** = Double Open End Cartridge (no end cap)
- **S** = Single Open End 222 "O" Ring w/Bayonet

**Size:**
- 100 = Bag
- 200 = 20" Cartridge
- 300 = 30" Cartridge
- 400 = 40" Cartridge

**Inlet/Outlet Configuration:**
- 2N = 2"NPT; 3F = 3" Flange; 2B = 2" BSP (British Std)

**Media:**
- **B** = Bag

**Gasket Material:**
- **EP** = EPR
- **V** = Viton

### Filter Cartridges for XL234

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<th>Example</th>
<th>CM</th>
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**Product:**
- **CM** = Microfiber Cartridge
- **MF** = Vorex Cartridges
- **HP** = Vorex HP Absolute Rated

**Micron:**
- **MF:** 1, 3, 5, 10, 25, 50, 75, 100
- **HP:** 1, 3, 5, 10, 25, 55, 75, 100

**Length:**
- 20", 30", 40"

**End Caps:**
- **Blank** = No end caps
- **B** = 500 222 "O" Ring/Bayonet

**Gasket Material:**
- **R** = EPR
- **V** = Viton

### How to Order XL234

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<tr>
<th>Example</th>
<th>XL</th>
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**Type:**
- **B** = Bag

**Size:**
- 100 = Bag
- 200 = 20" Cartridge
- 300 = 30" Cartridge
- 400 = 40" Cartridge

**Media:**
- **B** = Bag

**Inlet/Outlet Size:**
- 2N = 2"NPT; 3F = 3" Flange; 2B = 2" BSP (British Std)

**Inlet/Outlet Configuration:**
- 4 = Side In/Side Out (Standard)
- 8 = Side In/Side Out Same Side
- 3F = 3" Flange
- 2 = Side In/Bottom Out (Standard)

**Example:** XL234 B PONG 10 XL

**Product:**
- **CM** = Microfiber Cartridge
- **MF** = Vorex Cartridges
- **HP** = Vorex HP Absolute Rated

**Micron:**
- **MF:** 1, 3, 5, 10, 25, 50, 75, 100
- **HP:** 1, 3, 5, 10, 25, 55, 75, 100

**Length:**
- 20", 30", 40"

**End Caps:**
- **Blank** = No end caps
- **B** = 500 222 "O" Ring/Bayonet

**Gasket Material:**
- **R** = EPR
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Filter Specialists, Inc. is a leader in filtration products. FSI offers custom filter design and manufacturing. For more information on other products and services, visit [www.fsifilters.com](http://www.fsifilters.com) or email sales@fsifilters.com

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ISO 14001
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