PTFE SYRINGE & VENT FILTERS

PTFE syringe and vent filters are naturally hydrophobic (hydrophilic options available), chemically and biologically inert, and highly resistant to aggressive solvent, acid, and base samples.

PTFE syringe filters can withstand harsh temperatures and are ideally suited for the preparation of organic solutions prior to chromatography and other instrument analyses. Hydrophilic PTFE syringe filters do not require pre-wetting and have extremely low levels of extractables, making them an excellent choice for uHPLC and LC/MS analysis. In addition to venting applications, PTFE vent filters are commonly used to filter gas, organic HPLC solvents, and aggressive solutions.

SPECIFICATIONS	
Prefilter Available	Yes
Sterile Options Available	Yes (Vent filter only)
Autoclavable	Yes
Water Affinity	Hydrophobic or Hydrophilic
Housing	Polypropylene
Connections	**Syr:** Female Luer Lok-Male Luer Slip **Vent:** Stepped Barb or NPT
Diameters Available [mm]	13, 17, 25, 30, 50 mm
Pore Sizes Available [µm]	0.20, 0.22 and 0.45 µm

APPLICATIONS

Hydrophobic Syringe Filters

- Filtration of aggressive solutions/acids
- Venting applications
- Phase separations
- Aerosol sampling

Hydrophilic Syringe Filters

- Drug development, discovery, and testing
- Environmental and food safety monitoring
- Molecular identification
- Structural/oil composition determination
- Pharmacokinetics

Vent Filters

- Sterile venting of filling vessels/carboys
- Autoclave venting
- Low volume, non-aqueous fluid filtration
- Air/gas in-line sterilization/particulate removal

CAPSULE FILTERS

Disposable capsule filters are designed for the removal of particles or bacteria from aqueous or solvent solutions and gas streams. They are ready to use, eliminating the need to disassemble, clean, and reassemble filter housings. These capsules contain no glue or surfactants and feature serial layer filter design for increased throughput and extended life. Two upstream vents are included to facilitate venting in any position. All capsules containing membrane media are pre-flushed with purified water to reduce extractables. Additionally, these capsule filters pass USP Class VI toxicology testing and are integrity tested prior to shipment.

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