

Laboratory Filtration Products for Life Science



Filtration. Separation. Solutions



Feature-Tec
Advanced Materials

Feature-Tec, Advanced Materials of Future Technology
Not only for filtration and separation but also for future life.
Feature-Tec, Better Life.

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Feature-Tec Life Science

Feature-Tec is an global well-known provider of filtration and separation solutions. It has been deeply involved in the filtration, purification, solution, and laboratory technologies for biopharmaceutical industry. The company is committed to providing safe, timely, reliable, and efficient integrated solutions for the life science field, helping research institutions and pharmaceutical companies break through bottlenecks and accelerate innovation.

Feature-Tec, Your Best Filtration Partner



HALO® Series Disc Filter & Syringe Filter

The HALO series disc filters and syringe filters provided by Feature-Tec have an effective filtration area ranging from 1 to 20 cm². They offer a variety of filter specifications with pore size ranging from 0.22 µm to 70 µm. The filter membranes are all made of high-flow-rate and low-adsorption polymer materials. The HALO series with a PP shell has been optimized in terms of process, and can withstand various solvents and chemical products. It is an ideal choice for sample pre-treatment, clarification filtration of aqueous solutions, sterilization filtration, as well as gas filtration or aseptic gas filtration in some medical containers, biological reactors, fermentation tanks, and medical device systems.





***Total Solutions
for the Entire Filtration Process***

***One-Stop Filtration and
Separation Solutions Provider***

HALOS

Disc Filter for Gas Filtration



Hydrophobic membrane filters are suitable for venting, sterilizing gas filtration in small containers and online gas pipelines.

Product Features

- Hydrophobic
- Resistance to high temperature, high pressure and irradiation sterilization
- High flux and low pressure drop
- Bacterial retention capability

Typical Applications

- Vent for storage tanks / fermentation tanks
- Sterilizing Filtration for compressed air, O₂, N₂, etc.

Parameters

Disc Filter		HALOS
Filtration Area (cm ²)		20 cm ²
Pore Size		0.22µm, 10µm
Construction		Support Layer: PP Shell: PP Membrane material: See the order information
Maximum Differential Pressure	Forward	3 bar (43.5 psi) @20°C
	Backward	2 bar (29 psi) @20°C
Sterilization		Resistant to autoclaving (HALOS® PES Resistant to autoclaving and irradiation.)
Bacterial Challenge		>10 ⁷ cfu/cm ² B.diminuta (ATCC 19146)
Biosafety		Components materials meet the criteria of the USP<88> Biological Reactivity for Class VI
Cleanness		Comply with FDA 21 CFR 211.72 and 210.3(b)(5)(6) for no fiber release filters, and USP <788> for in soluble particulate levels in the flush water
Material Toxicity		Component materials meet USP <88> Class VI plastics biological reactivity standards
Endotoxin		<0.25 EU/mL USP bacterial endotoxins (LAL test, sample aqueous extraction)
Integrity		100% integrity testing before filter release
Manufacture Environment		Manufactured in the 100,000 class clean room

Order Info. (If you need more information, please contact Feature-Tec sales engineer.)

HALOS® PTFE (Hydrophobic PTFE)

AVS	0 2	HS	5 0	H	A	6	P
Membrane: AVS: AIVITAC SP	Pore Size: 02: 0.22 µm	Configuration: HS: HALOS	Diameter: 50: 50mm	Inlet and outlet form: H: ¼" multiple-stepped hose barb	Sterilization: A: Non-sterile autoclavable	Package Specifications: 6: 6 unit/pack	Pharmaceutical

HALOS® PES (Hydrophobic PES)

AES	0 2	HS	5 0	H	R	6	P
Membrane: AES: AIREPAC SP	Pore Size: 02: 0.22 µm	Configuration: HS: HALOS	Diameter: 50: 50mm	Inlet and outlet form: H: ¼" multiple-stepped hose barb	Sterilization: R: Resistant to irradiation sterilization G: Pre-sterilized using electron beam irradiation	Package Specifications: 6: 6 unit/pack	Pharmaceutical

HALOS® GF (Glass Fiber)

GF	1 0	HS	5 0	H	A	6	P
Membrane: GF: GLAFITAC	Pore Size: 10: 10 µm	Configuration: HS: HALOS	Diameter: 50: 50mm	Inlet and outlet form: H: ¼" multiple-stepped hose barb	Sterilization: A: Non-sterile autoclavable	Package Specifications: 6: 6 unit/pack	Pharmaceutical

HALOZ

Syringe Filter for Gas Filtration



The syringe filter can assure the bacteria retention in the liquid through a specific pore size filter membrane. At the same time, with its low adsorption material, it ensures that the active ingredients remain unaffected. Before HPLC analysis, it effectively removes particulate matter from the sample, thereby ensuring the accuracy of the analysis, maintaining the integrity of the chromatographic column and prolonging its lifetime.

Product Features

- With reliable bacterial retention capacity
- Extensive chemical compatibility (pH 1-14)
- Unique membrane structure, which can increase loading capacity
- Robust Structure

Typical Applications

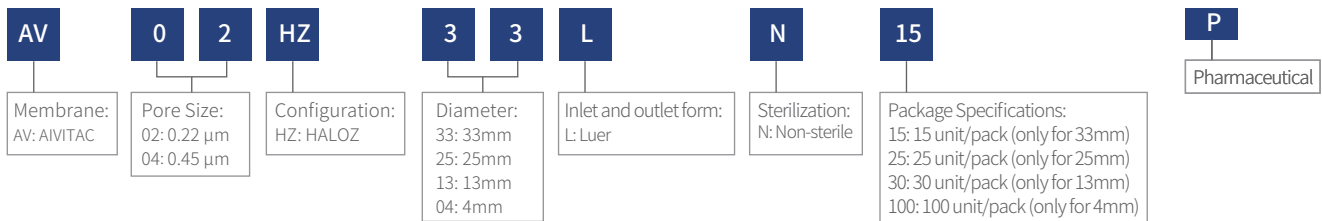
- Sterilizing Filtration for Organic Solvents
- Gas Filtration
- Reliable bacterial retention capacity
- Widely compatible with chemicals (pH 1-14)
- Robust structure, resistant to multiple sterilization

Parameters

Syringe Filter		HALOZ
Filtration Area (cm ²)		0.13cm ² , 1cm ² , 3.5cm ² , 6cm ²
Pore Size		0.22µm, 0.45µm
Structure		Support Layer: PP Shell: PP Membrane material: See the order information
Maximum Differential Pressure	Forward	5 bar (72.5 psi) @20°C
	Backward	1 bar (14.5 psi) @20°C
Sterilization		Resistant to autoclaving and irradiation
Bacterial Challenge		>10 ⁷ cfu/cm ² B.diminuta (ATCC 19146)
Biosafety		Components materials meet the criteria of the USP<88> Biological Reactivity for Class VI
Cleanliness		Comply with FDA 21 CFR 211.72 and 210.3(b)(5)(6) for no fiber release filters, and USP <788> for insoluble particulate levels in the flush water
Material Toxicity		Component materials meet USP <88> Class VI plastics biological reactivity standards
Endotoxin		<0.25 EU/mL USP bacterial endotoxins (LAL test, sample aqueous extraction)
Integrity		100% integrity testing before filter release
Manufacture Environment		Manufactured in the 100,000 class clean room

Order Info. (If you need more information, please contact Feature-Tec sales engineer.)

HALOZ® PTFE (Hydrophobic PTFE)



HALOP

Disc Filter for Liquid Filtration



Filtration is an ideal method for clarifying liquids and sterilization. Through the filtration by filter membranes, it can effectively remove microorganisms and particles without affecting the active ingredients due to adsorption or decomposition.

Product Features

- With reliable bacterial retention capacity
- Extensive chemical compatibility (pH 1-14)
- Unique membrane structure, which can increase loading capacity
- Robust Structure

Typical Applications

- Sterilization filtration of cell culture medium
- Buffer filtration
- Pre-protection before column /ultrafiltration
- Reliable bacterial retention capacity
- Widely compatible with chemicals (pH 1-14)
- Robust structure, resistant to multiple sterilization

Parameters

Disc Filter		HALOP
Filtration Area (cm ²)	Single-layer	20cm ²
	Dual-layers	20cm ²
Pore Size		0.2-70µm
Structure		Support Layer: PP Shell: PP Membrane material: See the order information
Maximum Differential Pressure	Forward	5 bar (72.5 psi) @20°C
	Backward	2 bar (29 psi) @20°C
Sterilization		Resistant to autoclaving and irradiation
Bacterial Challenge		>10 ⁷ cfu/cm ² B.diminuta (ATCC 19146)
Biosafety		Components materials meet the criteria of the USP<88> Biological Reactivity for Class VI
Cleanness		Comply with FDA 21 CFR 211.72 and 210.3(b)(5)(6) for no fiber release filters, and USP <788> for insoluble particulate levels in the flush water
Material Toxicity		Component materials meet USP <88> Class VI plastics biological reactivity standards
Endotoxin		<0.25 EU/mL USP bacterial endotoxins (LAL test, sample aqueous extraction)
Integrity		100% integrity testing before filter release
Manufacture Environment		Manufactured in the 100,000 class clean room

Order Info. (If you need more information, please contact Feature-Tec sales engineer.)

HALOP® PES (Hydrophilic PES)

LIS	0 2	HP	5 0	H	A	6	P
Membrane: LIS: LOPAC INNOVEX SP	Pore Size: 02: 0.22 µm D02: 0.45+0.22 µm	Configuration: HP: HALOP	Diameter: 50: 50mm	Inlet and outlet form: H: ¼" multiple-stepped hose barb	Sterilization: A: Non-sterile autoclavable G: Pre-sterilized using electron beam irradiation	Package Specifications: 6: 6 unit/pack	Pharmaceutical

LIP	0 4	HP	5 0	H	A	6	P
Membrane: LIP: LOPAC INNOVEX PF	Pore Size: 04: 0.45 µm 02: 0.22 µm W04: 0.8+0.45 µm F04: 1.2+0.45 µm D02: 0.45+0.22 µm V02: 0.65+0.22 µm W02: 0.8+0.22 µm	Configuration: HP: HALOP	Diameter: 50: 50mm	Inlet and outlet form: H: ¼" multiple-stepped hose barb	Sterilization: A: Non-sterile autoclavable G: Pre-sterilized using electron beam irradiation	Package Specifications: 6: 6 unit/pack	Pharmaceutical

LH	0 6	HP	5 0	H	A	6	P
Membrane: LH: LOPAC HC	Pore Size: 06: 0.65 µm 08: 0.8 µm F06: 1.2+0.65 µm 10: 0.10 µm	Configuration: HP: HALOP	Diameter: 50: 50mm	Inlet and outlet form: H: ¼" multiple-stepped hose barb	Sterilization: A: Non-sterile autoclavable G: Pre-sterilized using electron beam irradiation	Package Specifications: 6: 6 unit/pack	Pharmaceutical

HALOP® PVDF (Hydrophilic PVDF)

VS	0 2	HP	5 0	H	A	6	P
Membrane: VS: VERSE	Pore Size: 02: 0.22 µm 04: 0.45 µm D02: 0.45+0.22 µm	Configuration: HP: HALOP	Diameter: 50: 50mm	Inlet and outlet form: H: ¼" multiple-stepped hose barb	Sterilization: A: Non-sterile autoclavable G: Pre-sterilized using electron beam irradiation	Package Specifications: 6: 6 unit/pack	Pharmaceutical

HALOP® PTFE (Hydrophilic PTFE)

HD	0 2	HP	5 0	H	A	6	P
Membrane: HD: HYDRIS	Pore Size: 02: 0.22 µm 04: 0.45 µm	Configuration: HP: HALOP	Diameter: 50: 50mm	Inlet and outlet form: H: ¼" multiple-stepped hose barb	Sterilization: A: Non-sterile autoclavable	Package Specifications: 6: 6 unit/pack	Pharmaceutical

HALOP® PP (Polypropylene)

PC	0 2	HP	5 0	H	A	6	P
Membrane: PC: PolyCARE	Pore Size: 01: 0.1µm 02: 0.22µm 04: 0.45µm 06: 0.65µm 10: 1.0µm 30: 3.0µm 100: 10µm 250: 25µm 400: 40µm 700: 70µm	Configuration: HP: HALOP	Diameter: 50: 50mm	Inlet and outlet form: H: ¼" multiple-stepped hose barb	Sterilization: A: Non-sterile autoclavable	Package Specifications: 6: 6 unit/pack	Pharmaceutical

HALOP® GF (Glass Fiber)

GC	1 2	HP	5 0	H	A	6	P
Membrane: GC: GlasiCARE	Pore Size: 12: 1.2 µm	Configuration: HP: HALOP	Diameter: 50: 50mm	Inlet and outlet form: H: ¼" multiple-stepped hose barb	Sterilization: A: Non-sterile autoclavable	Package Specifications: 6: 6 unit/pack	Pharmaceutical

HALOD

Syringe Filter for Liquid Filtration



Filtration is an ideal method for clarifying liquids and sterilization. Through the filtration by filter membranes, it can effectively remove microorganisms and particles without affecting the active ingredients due to adsorption or decomposition.

| Product Features

- With reliable bacterial retention capacity
- Extensive chemical compatibility (pH 1-14)
- Unique membrane structure, which can increase loading capacity
- Robust Structure

| Typical Applications

- Sterilization filtration of cell culture medium
- Buffer filtration
- Pre-protection before column/ultrafiltration
- Reliable bacterial retention capacity
- Widely compatible with chemicals (pH 1-14)
- Robust structure, resistant to multiple sterilization

Parameters

Syringe Filter		HALOD
Filtration Area (cm ²)	Single-layer	3.5cm ²
	Dual-layers	3.5cm ²
Pore Size		0.2-70µm
Structure		Support Layer: PP Shell: PP Membrane material: See the order information
Maximum Differential Pressure	Forward	5 bar (72.5 psi) @20°C
	Backward	2 bar (29psi) @20°C
Sterilization		Resistant to autoclaving and irradiation
Bacterial Challenge		>10 ⁷ cfu/cm ² B.diminuta (ATCC 19146)
Biosafety		Components materials meet the criteria of the USP<88> Biological Reactivity for Class VI
Cleanness		Comply with FDA 21 CFR 211.72 and 210.3(b)(5)(6) for no fiber release filters, and USP <788> for insoluble particulate levels in the flush water
Material Toxicity		Component materials meet USP <88> Class VI plastics biological reactivity standards
Endotoxin		<0.25 EU/mL USP bacterial endotoxins (LAL test, sample aqueous extraction)
Integrity		100% integrity testing before filter release
Manufacture Environment		Manufactured in the 100,000 class clean room

Order Info. (If you need more information, please contact Feature-Tec sales engineer.)

HALOD® PES (Hydrophilic PES)

LIS	0 2	HD	2 5	L	A	6	P
Membrane: LIS: LOPAC INNOVEX SP	Pore Size: 02: 0.22 µm D02: 0.45+0.22 µm	Configuration: HD: HALOD	Diameter: 25: 25mm	Inlet and outlet form: L: Luer	Sterilization: A: Non-sterile autoclavable G: Pre-sterilized using electron beam irradiation	Package Specifications: 6: 6 unit/pack	Pharmaceutical
LIP	0 4	HD	2 5	L	A	6	P
Membrane: LIP: LOPAC INNOVEX PF	Pore Size: 04: 0.45 µm 02: 0.22 µm W04: 0.8+0.45 µm F04: 1.2+0.45 µm D02: 0.45+0.22 µm V02: 0.65+0.22 µm W02: 0.8+0.22 µm	Configuration: HD: HALOD	Diameter: 25: 25mm	Inlet and outlet form: L: Luer	Sterilization: A: Non-sterile autoclavable G: Pre-sterilized using electron beam irradiation	Package Specifications: 6: 6 unit/pack	Pharmaceutical
LH	0 6	HD	2 5	L	A	6	P
Membrane: LH: LOPAC HC	Pore Size: 06: 0.65 µm 08: 0.8 µm 10: 0.10 µm F06: 1.2+0.65 µm	Configuration: HD: HALOD	Diameter: 25: 25mm	Inlet and outlet form: L: Luer	Sterilization: A: Non-sterile autoclavable G: Pre-sterilized using electron beam irradiation	Package Specifications: 6: 6 unit/pack	Pharmaceutical

HALOD® PVDF (Hydrophilic PVDF)

VS	0 2	HD	2 5	L	A	6	P
Membrane: VS: VERSE	Pore Size: 02: 0.22 µm 04: 0.45 µm D02: 0.45+0.22 µm	Configuration: HD: HALOD	Diameter: 25: 25mm	Inlet and outlet form: L: Luer	Sterilization: A: Non-sterile autoclavable G: Pre-sterilized using electron beam irradiation	Package Specifications: 6: 6 unit/pack	Pharmaceutical

HALOD® PTFE (Hydrophilic PTFE)

HD	0 2	HD	2 5	L	A	6	P
Membrane: HD: HYDRIS	Pore Size: 02: 0.22 µm 04: 0.45 µm	Configuration: HD: HALOD	Diameter: 25: 25mm	Inlet and outlet form: L: Luer	Sterilization: A: Non-sterile autoclavable	Package Specifications: 6: 6 unit/pack	Pharmaceutical

HALOD® PP (Polypropylene)

PC	0 2	HD	2 5	L	A	6	P
Membrane: PC: PolyCARE	Pore Size: 01: 0.1 µm 02: 0.22 µm 04: 0.45 µm 06: 0.65 µm 10: 1.0 µm 30: 3.0 µm 100: 10 µm 250: 25 µm 400: 40 µm 700: 70 µm	Configuration: HD: HALOD	Diameter: 25: 25mm	Inlet and outlet form: L: Luer	Sterilization: A: Non-sterile autoclavable	Package Specifications: 6: 6 unit/pack	Pharmaceutical

HALOD® GF (Glass Fiber)

GC	1 2	HD	2 5	L	A	6	P
Membrane: GC: GlasiCARE	Pore Size: 12: 1.2 µm	Configuration: HD: HALOD	Diameter: 25: 25mm	Inlet and outlet form: L: Luer	Sterilization: A: Non-sterile autoclavable	Package Specifications: 6: 6 unit/pack	Pharmaceutical

HALOZ

Syringe Filter for Liquid Filtration



The syringe filter can assure the bacteria retention in the liquid through a specific pore size filter membrane. At the same time, with its low adsorption material, it ensures that the active ingredients remain unaffected. Before HPLC analysis, it effectively removes particulate matter from the sample, thereby ensuring the accuracy of the analysis, maintaining the integrity of the chromatographic column and prolonging its lifetime.

Product Features

- With reliable bacterial retention capacity
- Extensive chemical compatibility (pH 1-14)
- Unique membrane structure, which can increase loading capacity
- Robust Structure

Typical Applications

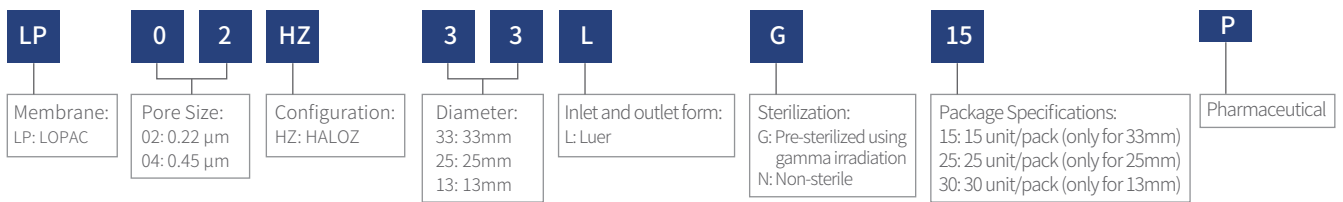
- Sterilization filtration of cell culture medium
- Buffer filtration
- Pre-protection before column/ultrafiltration
- Reliable bacterial retention capacity
- Widely compatible with chemicals (pH 1-14)
- Robust structure, resistant to multiple sterilization

Parameters

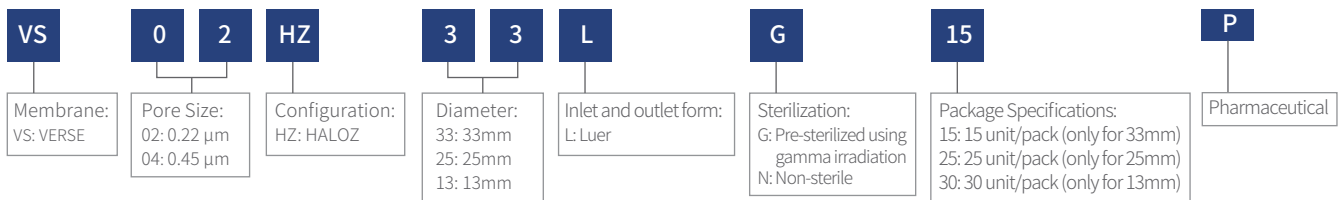
Syringe Filter		HALOZ
Filtration Area (cm ²)		0.13cm ² , 1cm ² , 3.5cm ² , 6cm ²
Pore Size		0.22µm, 0.45µm
Structure		Support Layer: PP Shell: PP Membrane material: See the order information
Maximum Differential Pressure	Forward	5 bar (72.5 psi) @20°C
	Backward	1 bar (14.5 psi) @20°C
Sterilization		Resistant to autoclaving and irradiation
Bacterial Challenge		>10 ⁷ cfu/cm ² B.diminuta (ATCC 19146)
Biosafety		Components materials meet the criteria of the USP<88> Biological Reactivity for Class VI
Cleanliness		Comply with FDA 21 CFR 211.72 and 210.3(b)(5)(6) for no fiber release filters, and USP <788> for insoluble particulate levels in the flush water
Material Toxicity		Component materials meet USP <88> Class VI plastics biological reactivity standards
Endotoxin		<0.25 EU/mL USP bacterial endotoxins (LAL test, sample aqueous extraction)
Integrity		100% integrity testing before filter release
Manufacture Environment		Manufactured in the 100,000 class clean room

Order Info. (If you need more information, please contact Feature-Tec sales engineer.)

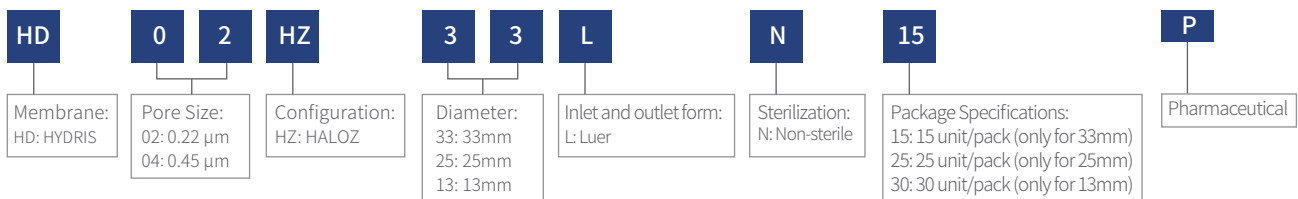
HALOZ® PES (Hydrophilic PES)



HALOZ® PVDF (Hydrophilic PVDF)



HALOZ® PTFE (Hydrophilic PTFE)



Filter Membrane



The filter membrane needs to be used in conjunction with holders (or clamp holders) or funnels, etc. The filter membrane, which has been optimized through processes, meets the requirements of biological, pharmaceutical and sterilization filtration, and features excellent flow rate and extremely high filtration capacity. It can filter quickly, has a low protein binding rate, and is compatible with various drugs, making it suitable for clinical applications. When filtering a unit volume of sample, the frequency of filter replacement is relatively low, thus saving time and cost.

■ Aqueous filter membrane

- **Hydrophilic PES:**
Optimized polyethersulfone membrane. The loose and porous internal structure results in fast filtration speed and high flux. It has excellent solvent compatibility and can tolerate pH levels ranging from 1 to 14. It can be sterilized at 121 °C or 134 °C. Two specifications are available: 0.22 μm and 0.45 μm.
- **Hydrophilic PVDF:**
Excellent chemical compatibility, widely used for filtering protein and biological products, offering two specifications: 0.22 μm and 0.45 μm.
- **Hydrophilic PTFE:**
Naturally hydrophobic, based on it, modified into hydrophilic filter membrane, excellent chemical compatibility, almost resistant to all organic solvents.

■ Organic solvent filter membrane

- **Hydrophobic PTFE:**
Natural hydrophobic, excellent chemical compatibility, and almost tolerance to all organic solvents.

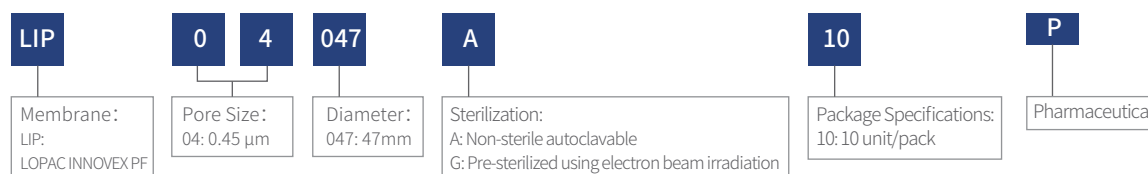
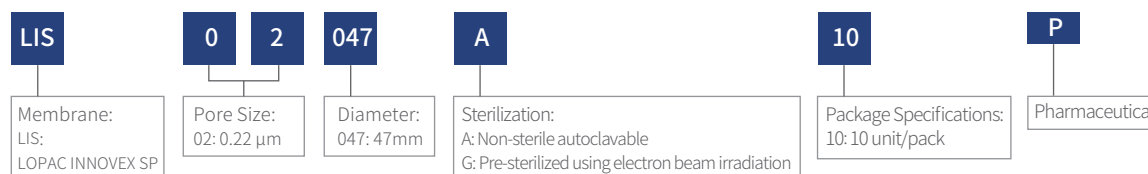
■ Air/Gas filter membrane

- **Hydrophobic PTFE:**
The hydrophobic performance is stable and it is suitable for air and gas filtration. It is not affected by air humidity.
- **Glass fiber:**
Pure glass fiber, suitable for high-temperature gas emission monitoring, trace metal analysis in gravimetric analysis experiments, as well as PFAS testing, etc.

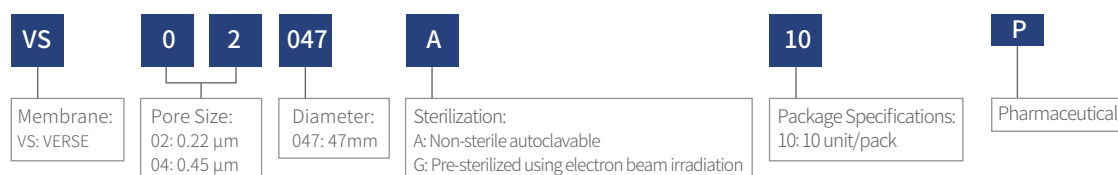
Order Info. (If you need more information, please contact Feature-Tec sales engineer.)

Aqueous filter membrane

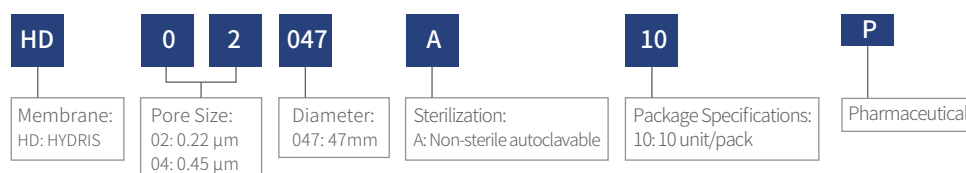
Hydrophilic PES



Hydrophilic PVDF

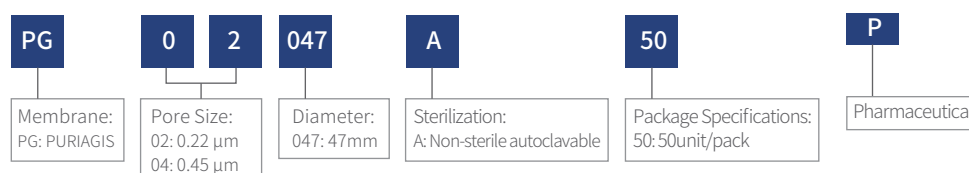


Hydrophilic PTFE



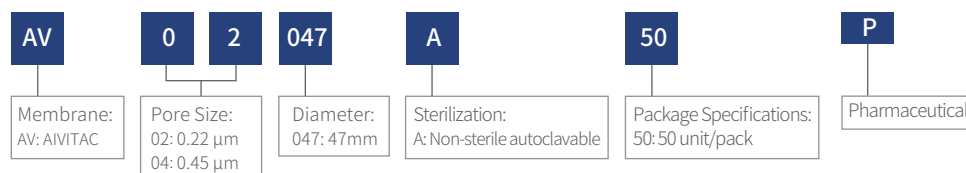
Organic solvent filter membrane

Hydrophobic PTFE

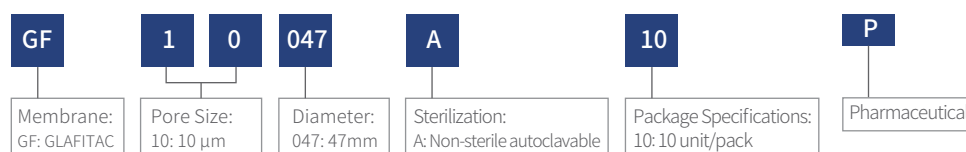


Air/Gas filter membrane

Hydrophobic PTFE



Glass fiber



FeaVacu

Vacuum Filtration Device



To enhance the filtration efficiency of complex aqueous solutions such as cell culture media, different types of filter membranes can be combined with the FeaVacu vacuum filtration device top to achieve rapid flow rate and high throughput, while avoiding cell culture contamination. The FeaVacu vacuum filtration device is an ideal laboratory consumable, made from polystyrene (PS) that meets USP Class VI standards. Currently, the product specifications available are 250mL, 500mL, and 1000mL. The entire filtration system consists of a vacuum bottle top with a nozzle and a receiving bottle.

| Product Features

- 3 different sizes: 250mL, 500mL and 1000mL
- Single-use, dispose immediately
- Flexible choice: 0.22µm membranes of different materials are available for selection

| Typical Applications

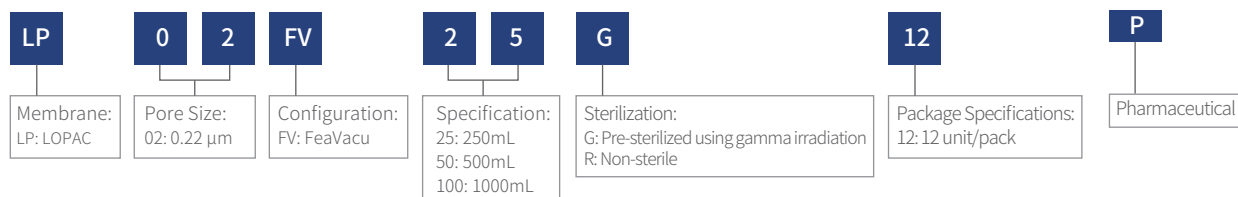
- Sterilization filtration of cell culture medium and serum
- Buffer filtration
- Filtration for sterilization of other solutions not suitable for autoclaving

Parameters

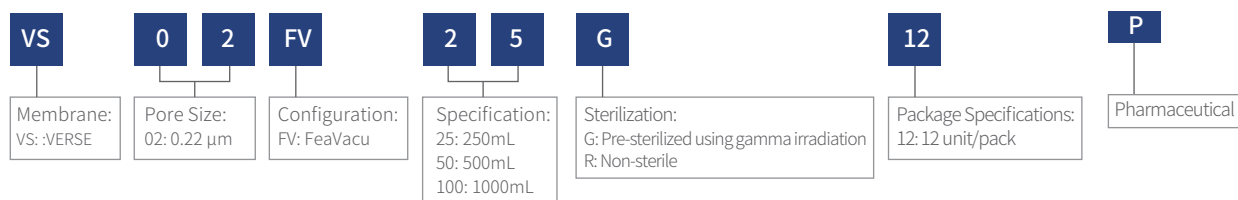
Product Type	Vacuum Filtration Device		
Specification	250ml	500ml	1000ml
Pore Size	0.22 µm		
Construction	Raw material: Polystyrene (PS)		
	Membrane: PES, PVDF, PTFE or others		
Sterilization	Resistant to electron beam irradiation		
Bacterial Challenge	>10 ⁷ cfu/cm ² B.diminuta (ATCC 19146)		
Biosafety	Components materials meet the criteria of the USP<88> Biological Reactivity for Class VI		
Cleanness	Comply with FDA 21 CFR 211.72 and 210.3(b)(5)(6) for no fiber release filters, and USP <788> for insoluble particulate levels in the flush water		
Material Toxicity	Component materials meet USP <88> Class VI plastics biological reactivity standards		
Endotoxin	<0.25 EU/mL USP bacterial endotoxins (LAL test, sample aqueous extraction)		
Manufacture Environment	Manufactured in the 100,000 class clean room		

Order Info. (If you need more information, please contact Feature-Tec sales engineer.)

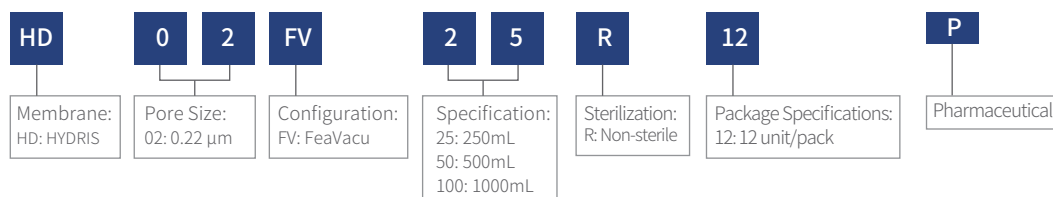
Vacuum Filtration Device with Hydrophilic PES membrane



Vacuum Filtration Device with Hydrophilic PVDF membrane



Vacuum Filtration Device with Hydrophilic PTFE membrane



Featain

Centrifugal Filter Device



The Featain centrifugal filter device provide rapid ultrafiltration, making it easy to concentrate substances from diluted and complex sample. The ultrafiltration membranes enable rapid sample processing with high recovery, achieving concentration capabilities of up of tens times. It can reduce solute polarization and membrane contamination. Generally, the sample processing time is a few minutes or several tens of minutes, depending on the sample conditions (related to the molecular weight cutoff). The concentrate can be collected using a pipette, while the ultrafiltrates is collected in the provided centrifuge tubes.

Product Features

- Lid, filter, and centrifuge tube assembly
- PES ultrafiltration membrane
- Ultra-fast rotation time
- Translucent shell and volume scale for easy sample monitoring
- Low protein adsorption

Typical Applications

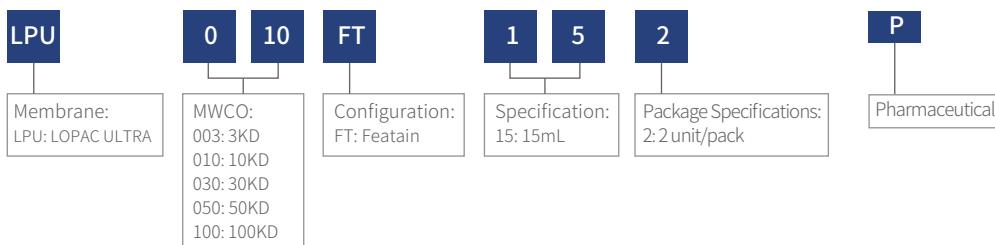
- Concentration and separation of biological samples such as antigens, antibodies, enzymes, nucleic acids, or microorganisms
- Purification of macromolecular components in culture media extraction solutions and cell lysates
- Diluted or pre-purified proteins in the elution buffer of concentration columns
- Desalting, buffer exchange, and protein dialysis

Parameters

Product Type	Centrifugal Filter Device
Specification	15mL
MWCO	3kD, 10kD, 30kD, 50kD, 100kD
Construction	Tubing Material: PP
	Cap Material: PE
	Membrane: PES
Biosafety	Components materials meet the criteria of the USP<88> Biological Reactivity for Class VI
Cleanness	Comply with FDA 21 CFR 211.72 and 210.3(b)(5)(6) for no fiber release filters, and USP <788> for insoluble particulate levels in the flush water
Material Toxicity	Component materials meet USP <88> Class VI plastics biological reactivity standards
Endotoxin	<0.25 EU/mL USP bacterial endotoxins (LAL test, sample aqueous extraction)
Manufacture Environment	Manufactured in the 100,000 class clean room

Order Info. (If you need more information, please contact Feature-Tec sales engineer.)

Centrifugal Filtration Device



Full Process Filtering Management

Feature-Tec provide full pharmaceutical filtration solutions. Our senior filtration experts will fully understand your process requirements and recommend the appropriate filtration system. From deep pre-filtration to terminal sterilizing filters, Feature-Tec's products are widely used in clarification, sterilizing and respiratory filtration processes, making the whole pharmaceutical process more economical and reliable.

Always keep high standards and quality

Feature-Tec implements a new quality standard system and designs our plant according to pharmaceutical production plant standard . in production, warehousing, raw material management and customer service, Feature-Tec meets the high standard, and also complies with ISO9001/ISO13485 standard. Our production process is operated in accordance with GMP requirements.

Compliance supervision of sterilization-grade products

- Comply with FDA 21 CFR 210.3(b)(6) for fiberless shedding filters
- According to the ASTM F838, the bacterial retention rate is greater than 10^7 cfu/cm² B.diminuta (ATCC 19146)
- Aqueous extraction contains <0.25 EU/mL which meet USP<85> requirements
- Component materials meet USP <88> Class VI plastics reaction test standards.
- Components materials meet the criteria of the USP<88> Biological Reactivity for Class VI

Contact Feature-Tec engineers for more information.



**Feature-Tec
Advanced Materials**

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