

Micropore™ Sterile Syringe Filter

Micropore™ sterile syringe filters is designed for Bio-media Filtration. Each filter is individually packed and sterilized by Gamma Radiation. Every Syringe Filter is printed with expiry date for easy QC tracking. 33mm,30mm,25mm,13mm diameter available.

- PES (Polyethersulfone)
- Hydrophilic PVDF
- PTFE (Polyfluortetraethylene)
- MCE (Mixed Cellulose Ester)
- NY (Nylon)
- CA (Cellulose Acetate)



Micropore™ PES Sterile Syringe Filter

Features

- High filtration speed
- Low exeractables
- Lowest protein binding
- Designed with a Female Luer-Lock inlet and Male Luer-Slip outlets
- Some Filters are individually wrapped sterile, certified RNase-free, DNase-free and DNA free with Non-pyrogenic

Application

- Sterile filtering protein solution
- Tissue culture media filtration
- Tissue culture additive filtration

Technical Parameter

Parameters	13mm		25mm		33mm	
Membrane material	PES		PES		PES	
Housing material	PP		PP		PP	
Filter diameter (mm)	13mm		25mm		33mm	
Filtration area (cm ²)	0.65		3.90		4.60	
Pore Size(μm)	0.22	0.45	0.22	0.45	0.22	0.45
Holdup volume (μl)	<10		<30		<55	
Sample volume (ml)	<12		<100		<140	
Max Operating Temperature	90°C		90°C		90°C	
Max Operating Pressure (psi)	50		95		120	
Applicable pH value	1-14		1-14		1-14	

Micropore™ Hydrophilic PVDF Sterile Syringe Filter

Feature

- Good heat endurance and chemical stability, strong hydrophobicity
- Designed with a Female Luer-Lock inlet and Male Luer-Slip outlets
- Filters are individually wrapped sterile, certified RNase-free, DNase- free, and DNA free with Non-pyrogenic

Application

- Gas filtration
- Vapor filtration
- High-temperature filtration
- Food industry
- Medicine filtration



Technical Parameter

Parameters	13mm		25mm		33mm	
Membrane material	PVDF		PVDF		PVDF	
Housing material	PP		PP		PP	
Filter diameter (mm)	13mm		25mm		33mm	
Filtration area (cm ²)	0.65		3.90		4.60	
Pore Size(μm)	0.22	0.45	0.22	0.45	0.22	0.45
Holdup volume (μl)	<10		<30		<55	
Sample volume (ml)	<12		<100		<140	
Max Operating Temperature	100°C		100°C		100°C	
Max Operating Pressure (psi)	50		95		110	
Applicable pH value	1-14		1-14		1-14	

Micropore™ Hydrophobic PTFE Sterile Syringe Filter

Feature

- Broad chemical compatibility
- Strong chemical stability and inertia
- Strong hydrophobicity
- Designed with a Female Luer-Lock inlet and Male Luer-Slip outlets
- Filters are individually wrapped sterile, certified RNase-free, DNase-free, and DNA-free with Non-pyrogenic

Application

- Organic solvent with strong chemical causticity filtration
- Strong acid solvent filtration
- Alkali solvent filtration

Technical Parameter

Parameters	13mm		25mm		33mm	
Membrane material	PTFE		PTFE		PTFE	
Housing material	PP		PP		PP	
Filter diameter (mm)	13mm		25mm		33mm	
Filtration area (cm ²)	0.65		3.90		4.60	
Pore Size(μm)	0.22	0.45	0.22	0.45	0.22	0.45
Holdup volume (μl)	<10		<30		<55	
Sample volume (ml)	<12		<100		<140	
Maximum Operating Temperature	130°C		130°C		130°C	
Maximum Operating Pressure (psi)	130		130		130	
Applicable pH value	1-14		1-14		1-14	

Micropore™ Sterile MCE Syringe Filter

Features

- Uniform aperture ,No medium dropping
- Thin texture ,Little resistance
- High filtration speed ,Little absorption
- All items are quality tests for filter efficacy and housing integrity. The housing is pressure tested for use with up to 75 psig (5.0 bar) of pressure
- Designed with a Female Luer-Lok inlet and Male Luer slip outlets.
- Some Filters are individually wrapped sterile, certified RNase-free, DNase- free, Non-pyrogenic,

Application

- Gas particulate and bacteria filtration and then inspect them
- Oil particulate and bacteria filtration and then inspect them
- Alcohol particulate and bacteria filtration and then inspect them
- Other solvent particulate and bacteria filtration and then inspect them

Technical Parameter

Parameters	13mm		25mm		33mm	
Membrane material	MCE		MCE		MCE	
Housing material	PP		PP		PP	
Filter diameter (mm)	13mm		25mm		33mm	
Filtration area (cm ²)	0.65		3.90		4.60	
Pore Size(μm)	0.22	0.45	0.22	0.45	0.22	0.45
Holdup volume (μl)	<10		<30		<55	
Sample volume (ml)	<12		<100		<140	
Max Operating Temperature	110°C		110°C		110°C	
Max Operating Pressure (psi)	120		120		120	
Applicable pH value	4-8		4-8		4-8	

Micropore™ Nylon Syringe Filter

Feature

- Strong tenacity and adsorbability
- Hydrophilic property, No need to moist
- Syringe Filters for Cell Culture provide effective filtration for a wide variety of sample Types Designed with a Female Luer-Lok inlet and Male Luer-Slip outlets
- Sterile Nylon Syringe Filters are individually wrapped sterile, certified RNase-free, Dnase-free, and DNA –free with Non-pyrogenic



Application

- Electric semiconductor industrial water filtration
- Chemicals filtration
- Beverage filtration

Technical Parameter

Parameters	13mm		25mm		33mm	
Membrane /Housing Material	Nylon/PP		Nylon/PP		Nylon/PP	
Filter diameter (mm)	13mm		25mm		33mm	
Filtration area (cm ²)	0.65		3.90		4.60	
Normal Pore Size(μm)	0.22	0.45	0.22	0.45	0.22	0.45
Holdup volume (μl)	<10		<30		<55	
Sample volume (ml)	<12		<100		<140	
Max Operating Temperature	100°C		100°C		100°C	
Max Operating Pressure (psi)	75		95		110	
Applicable pH value	3-12		3-12		3-12	

Order Information

Item#	Description	Packing
SSFPE33-022	Sterile PES Syringe Filter, Pore:0.22μm, Diameter:33mm	100
SSFPE33-045	Sterile PES Syringe Filter, Pore:0.45μm, Diameter:33mm	100
SSFPE25-022	Sterile PES Syringe Filter, Pore:0.22μm, Diameter:25mm	100
SSFPE25-045	Sterile PES Syringe Filter, Pore:0.45μm, Diameter:25mm	100
SSFPE13-022	Sterile PES Syringe Filter, Pore:0.22μm, Diameter:13mm	100
SSFPE13-045	Sterile PES Syringe Filter, Pore:0.45μm, Diameter:13mm	100
SSFPVDF33-022L	Sterile Hydrophilic PVDF Syringe Filter, Pore:0.22μm, Diameter:33mm	100
SSFPVDF33-045L	Sterile Hydrophilic PVDF Syringe Filter, Pore:0.22μm, Diameter:33mm	100

Item#	Description	Packing
SSFPVDF25-022L	Sterile Hydrophilic PVDF Syringe Filter, Pore:0.22µm, Diameter:25mm	100
SSFPVDF25-045L	Sterile Hydrophilic PVDF Syringe Filter, Pore:0.45µm, Diameter:25mm	100
SSFPTFE33-022B	Sterile Hydrophobic PTFE Syringe Filter, Pore:0.22µm, Diameter:33mm	100
SSFPTFE33-045B	Sterile Hydrophobic PTFE Syringe Filter, Pore:0.22µm, Diameter:33mm	100
SSFPTFE25-022B	Sterile Hydrophobic PTFE Syringe Filter, Pore:0.45µm, Diameter:13mm	100
SSFPTFE25-045B	Sterile Hydrophobic PTFE Syringe Filter, Pore:0.45µm, Diameter:25mm	100
SSFPTFE13-022B	Sterile Hydrophobic PTFE Syringe Filter, Pore:0.22µm, Diameter:13mm Sterile	100
SSFPTFE13-045B	Hydrophobic PTFE Syringe Filter, Pore:0.45µm, Diameter:13mm	100
SSFMCE33-022	Sterile MCE Syringe Filter, Pore:0.22µm, Diameter:33mm	100
SSFMCE33-045	Sterile MCE Syringe Filter, Pore:0.45µm, Diameter:33mm	100
SSFMCE25-022	Sterile MCE Syringe Filter, Pore:0.22µm, Diameter:25mm	100
SSFMCE25-045	Sterile MCE Syringe Filter, Pore:0.22µm, Diameter:25mm	100
SSFMCE13-022	Sterile MCE Syringe Filter, Pore:0.22µm, Diameter:13mm	100
SSFMCE13-045	Sterile MCE Syringe Filter, Pore:0.45µm, Diameter:13mm	100
SSFNY33-022	Sterile Nylon Syringe Filter, Pore:0.22µm, Diameter:33mm	100
SSFNY33-045	Sterile Nylon Syringe Filter, Pore:0.45µm, Diameter:33mm	100
SSFNY25-022	Sterile Nylon Syringe Filter, Pore:0.22µm, Diameter:25mm	100
SSFNY25-045	Sterile Nylon Syringe Filter, Pore:0.45µm, Diameter:25mm	100
SSFNY13-022	Sterile Nylon Syringe Filter, Pore:0.22µm, Diameter:13mm	100
SSFNY13-045	Sterile Nylon Syringe Filter, Pore:0.45µm, Diameter:13mm	100
SSFCA33-022	Sterile CA Syringe Filter, Pore:0.22µm, Diameter:33mm	100
SSFCA33-045	Sterile CA Syringe Filter, Pore:0.45µm, Diameter:33mm	100
SSFCA25-022	Sterile CA Syringe Filter, Pore:0.22µm, Diameter:25mm	100
SSFCA25-045	Sterile CA Syringe Filter, Pore:0.45µm, Diameter:25mm	100
SSFCA13-022	Sterile CA Syringe Filter, Pore:0.22µm, Diameter:13mm	100
SSFCA13-045	Sterile CA Syringe Filter, Pore:0.45µm, Diameter:13mm	100

Item#	Description	Packing
SSFPTFE33-022L	Sterile Hydrophilic PTFE Syringe Filter, Pore:0.22µm, Diameter:33mm	100
SSFPTFE33-045L	Sterile Hydrophilic PTFE Syringe Filter, Pore:0.45µm,Diameter:33mm	100
SSFPTFE25-022L	Sterile Hydrophilic PTFE Syringe Filter, Pore:0.22µm, Diameter:25mm	100
SSFPTFE25-045L	Sterile Hydrophilic PTFE Syringe Filter, Pore:0.45µm, Diameter:25mm	100
SSFPTFE13-022L	Sterile Hydrophilic PTFE Syringe Filter, Pore:0.22µm, Diameter:13mm	100
SSFPTFE13-045L	Sterile Hydrophilic PTFE Syringe Filter, Pore:0.45µm, Diameter:13mm	100
SSFPTFE50-022B	Sterile Hydrophobic PTFE Syringe Filter,Pore:0.22µm,Diameter:50mm	100
SSFPTFE50-045B	Sterile Hydrophobic PTFE Syringe Filter,Pore:0.22µm,Diameter:50mm	100