

Syringe Filters



Filtration is achieved by pushing the sample through the membrane with a syringe or other luer-connection device. Syringe filters allow you to control the rate of flow, which can be critical with delicate samples. Syringe filters also allow you to filter into nearly any tube, vial, or column.

Polysulfone membranes (PS) are all low protein binding, which makes them well suited for filtration of biological samples.

13 mm syringe filters

Part No.	Pore size (um)	Pack Size
PSDSC-PS13-020-0150	0,2	150
PSDSC-PS13-045-0150	0,45	150
PSDSC-PS13-045-0150V	0,45	1500 – Value Pack

25 mm syringe filters

Part No.	Pore size (um)	Pack Size
PSDSC-PS25-020-0150	0,2	150
PSDSC-PS25-045-0150	0,45	150
PSDSC-PS25-045-0150V	0,45	1500 – Value Pack



PTFE membrane (HP) in a PP housing can be used to filter solvents and strong acids. Although PTFE is inherently hydrophobic, it can be made hydrophilic by pre-wetting the membrane with methanol and the rinsing with water.

13 mm syringe filters

Part No.	Pore size (um)	Pack Size
PSDSC-HP13-020-0150	0,2	150
PSDSC-HP13-045-0150	0,45	150
PSDSC-HP13-045-0150V	0,45	1500 – Value Pack

25mm syringe filters

Part No.	Pore size (um)	Pack Size
PSDSC-HP25-020-0150	0,2	150
PSDSC-HP25-045-0150	0,45	150
PSDSC-HP25-045-0150V	0,45	1500 – Value Pack



PTFE membrane (PB) filter units with hydrophobic Fluoropore membrane are ideal for sterilizing gases, venting sterile containers, and sterilizing or clarifying organic solutions.

13 mm syringe filters

Part No.	Pore size (um)	Pack Size
PSDSC-PB13-020-0150	0,2	150
PSDSC-PB13-045-0150	0,45	1500 – Value Pack

25 mm syringe filters

Part No.	Pore size (um)	Pack Size
PSDSC-PB25-020-0150	0,2	150
PSDSC-PB25-045-0150	0,45	1500 – Value Pack



Syringe Filters

Nylon membrane (NY) is ideal for filtration of chromatography samples. Polypropylene membranes exhibit near zero extractables, are very resistant to solvents and most chemicals and would be the first choice for filtration of chromatography samples.

13 mm syringe filters

Part No.	Pore size (um)	Pack Size
PSDSC-NY13-020-0150	0,2	150
PSDSC-NY13-045-0150	0,45	150
PSDSC-NY13-045-0150V	0,45	1500 – Value Pack



25 mm syringe filters

Part No.	Pore size (um)	Pack Size
PSDSC-NY25-020-0150	0,2	150
PSDSC-NY25-045-0150	0,45	150
PSDSC-NY25-045-0150V	0,45	1500 – Value Pack

Polypropylene Hydrophobic membrane (PP) has wide chemical compatibility with organic solvents. Low non-specific protein binding. Applications: Filtration of biological samples, filtration of aggressive organic solutions. Polypropylene membranes are slightly hydrophobic and versatile in use. They are attacked by few substances and are relatively inert (except for strong oxidizing agents). They are highly stable and can be used for both aqueous and organic media.

13 mm syringe filters

Part No.	Pore size (um)	Pack Size
PSDSC-PP13-020-0150	0,2	150
PSDSC-PP13-045-0150	0,45	150
PSDSC-PP13-045-0150V	0,45	1500 – Value Pack



25 mm syringe filters

Part No.	Pore size (um)	Pack Size
PSDSC-PP25-020-0150	0,2	150
PSDSC-PP25-045-0150	0,45	150
PSDSC-PP25-045-0150V	0,45	1500 – Value Pack

Cellulose acetate (CA) membrane are extremely low binding. Because of their unique strength and extremely low binding characteristics, cellulose acetate filters are ideal for protein and enzyme filtrations, tissue culture media sterilization, cold sterilization and biological fluid filtration.

13 mm syringe filters

Part No.	Pore size (um)	Pack Size
PSDSC-CA13-020-0150	0,2	150
PSDSC-CA13-045-0150	0,45	150
PSDSC-CA13-045-0150V	0,45	1500 – Value Pack

25 mm syringe filters

Part No.	Pore size (um)	Pack Size
PSDSC-CA25-020-0150	0,2	150
PSDSC-CA25-045-0150	0,45	150
PSDSC-CA25-045-0150V	0,45	1500 – Value Pack





PVDF (PV) membrane with good solvent resistance. Low UV absorbing extractables and low non-specific binding. Applications: General biological filtration, filtration of samples where high protein recovery is desired. Polyvinylidene fluoride membranes are used for general biological filtration and in cases where high protein recovery is desired. It has slight hydrophilic properties and can be used for clear filtration and sterilization of aqueous solutions.

13 mm syringe filters

Part No.	Pore size (um)	Pack Size
PSDSC-PV13-020-0150	0,2	150
PSDSC-PV13-045-0150	0,45	150
PSDSC-PV13-045-0150V	0,45	1500 – Value Pack

25 mm syringe filters

Part No.	Pore size (um)	Pack Size
PSDSC-PV25-020-0150	0,2	150
PSDSC-PV25-045-0150	0,45	150
PSDSC-PV25-045-0150V	0,45	1500 – Value Pack



33 mm syringe filters

Part No.	Pore size (um)	Pack Size
PSDSC-PV33-020-0150	0,2	150
PSDSC-PV33-045-0150	0,45	150

Glass Fiber (GF) membrane has a Larger Porosity; able to remove large particulates without clogging. Applications: Primarily used as a pre-filter in conjunction with another membrane. Can be paired with most membranes - but typically with RC, CA, Nylon and PVDF. Glass Fiber membranes are used for preliminary filtration or filtration of media that is difficult to filter. The three dimensional filter surface provides much greater intake capacity for contaminating particles than two-dimensional membranes provide. Glass Fiber is inert to solvents, acids and bases.

13 mm syringe filters

Part No.	Pore size (um)	Pack Size
PSDSC-GF13-020-0150	0,2	150
PSDSC-GF13-045-0150	0,45	150
PSDSC-GF13-045-0150V	0,45	1500 – Value Pack

25 mm syringe filters

Part No.	Pore size (um)	Pack Size
PSDSC-GF25-020-0150	0,2	150
PSDSC-GF25-045-0150	0,45	150
PSDSC-GF25-045-0150V	0,45	1500 – Value Pack
PSDSC-GF25-100-0150	1	150



Syringe Filters

Regenerated Cellulose (RC) membrane are optimal for filtering organic solvents because of their strong chemical resistance. Regenerated cellulose material is also applicable for organic and aqueous media. Regenerated Cellulose is a pure cellulose which has been treated in a chemical bath for better chemical resistance. Regenerated Cellulose has a lower molecular weight and the structure is not as orderly as it is for other cellulose.

13 mm syringe filters

Part No.	Pore size (um)	Pack Size
PSDSC-RC13-020-0150	0,2	150
PSDSC-RC13-045-0150	0,45	150
PSDSC-RC13-045-0150V	0,45	1500 – Value Pack

25 mm syringe filters

Part No.	Pore size (um)	Pack Size
PSDSC-RC25-020-0150	0,2	150
PSDSC-RC25-045-0150	0,45	150
PSDSC-RC25-045-0150V	0,45	1500 – Value Pack



PSDSC-RC25

Polyester (PT) membrane

13 mm syringe filters

Part No.	Pore size (um)	Pack Size
PSDSC-PT13-020-0150	0,2	150
PSDSC-PT13-045-0150	0,45	150
PSDSC-PT13-045-0150V	0,45	1500 – Value Pack

25 mm syringe filters

Part No.	Pore size (um)	Pack Size
PSDSC-PT25-020-0150	0,2	150
PSDSC-PT25-045-0150	0,45	150
PSDSC-PT25-045-0150V	0,45	1500 – Value Pack



PSDSC-PT25

8-Channel Filter Plates suited for the Agilent 850-DS, a disposable filter plate in various membrane materials.

Part No.	Material	Pore size (um)	Pack Size
PSFPL-NY25-045-050	Nylon filter Membrane	0,45µm	pk/50
PSFPL-HP25-045-050	PTFE filter Membrane	0,45µm	pk/50
PSFPL-GF25-070-050	Glass Fiber filter Membrane	0,70µm	pk/50

