POLYETHERSULFONE (PES) SYRINGE FILTERS

PES syringe filters are hydrophilic, low protein-binding, have high throughputs, and are ideally suited for maximum sample recovery in life science applications.

These filters are designed to maintain high throughputs while sterilizing and clarifying highly viscous, proteinaceous solutions and aqueous samples. PES syringe filters are available in nonsterile and individually packed sterile options.

SPECIFICATIONS	
Prefilter Available	Yes
Sterile Options Available	Yes
Autoclavable	Yes
Water Affinity	Hydrophilic
Housing	Polypropylene
Connections	Female Luer Lok-Male Luer Slip
Diameters Available [mm]	13, 17, 25, 28, 30 mm
Pore Sizes Available [µm]	0.20, 0.22, 0.45, 0.8, 8.0 µm

APPLICATIONS

- Sterilization of biological fluids, serum, or tissue culture media additives
- Sample preparation of aqueous and protein-based HPLC solutions
- Background reduction through filter probe and hybridization solutions

PVDF SYRINGE FILTERS

PVDF syringe filters are hydrophilic, low protein-binding, highly resistant to chemicals, and provide fast flow rates for biological solution aqueous sample filtration applications.

These filters ideally suited for sterilizing and clarifying biological solution filtrations, performing HPLC applications, and working with aqueous samples. PVDF syringe filters offer excellent chemical compatibility, but are not recommended for strong bases, DMF, or DMSO.

SPECIFICATIONS	
Prefilter Available	No
Sterile Options Available	No
Autoclavable	Yes
Water Affinity	Hydrophilic
Housing	Polypropylene
Connections	Female Luer Lok-Male Luer Slip
Diameters Available [mm]	13, 30 mm
Pore Sizes Available [µm]	0.22, 0.45 µm

APPLICATIONS

- Aqueous and solution filtration
- HPLC applications
- Aggressive alcohol and acid sample filtration
- Clarification and sterilization of biological solutions

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