

Syringe Filters, Hahnemühle



WW6PB012



Hahnemühle

Technical data:

Membran Ø	13 mm	25 mm	30 mm
Housing material:	Polypropylene	Polypropylene	Polypropylene
Fitting inlet:	Female Luer-Lock	Female Luer-Lock	Female Luer-Lock
Fitting outlet:	Male Luer-Slip	Male Luer-Slip	Male Luer-Slip
Filter area:	1.09 cm ²	4.08 cm ²	5.39 cm ²
Sample volume:	1 – 10	10 – 100 ml	> 100 ml
Hold um volume:	< 25 µl	< 100 µl	< 200 µl
Max. pressure:	6 bar	6 bar	6 bar

① Cellulose acetate syringe filters

Recommended for clarification, purification and sterilisation of aqueous solutions and biological samples.

- Cellulose acetate membrane, surfactant-free, hydrophilic
- Low non-specific adsorption
- Filtration of biological liquids, sera or tissue culture additives in which the sample loss is to be kept to a minimum by means of an extremely low protein binding to the membrane
- Perfect for aqueous solutions (pH 4 - 8) and most alcohols, hydrocarbons and oils

Pore size µm	Housing Ø mm	Version	Order No.	PU pc/Pack
0.2	25	non-sterile	10 15 92101	100
0.45	25	non-sterile	10 15 92103	100
0.45	25	non-sterile	10 15 92114	500
0.45	30	non-sterile	10 15 92107	100
0.45	30	non-sterile	10 15 92108	500
0.2	25	sterile	10 15 92105	50
0.2	30	sterile	10 15 92109	50
0.45	25	sterile	10 15 92106	50
0.45	30	sterile	10 15 92111	50

② Regenerated cellulose syringe filters

High resistance in filtration and sterilisation of aqueous and organic samples in HPLC and GC applications.

- Regenerated cellulose membrane, hydrophilic
- Resistant to almost all solvents and aqueous solutions in a pH range of 3-12
- Low protein adsorption
- Sterilisation and clarification of cell and protein solutions and biological liquids without protein loss

Pore size µm	Housing Ø mm	Order No.	PU pc/Pack
0.2	13	10 15 92408	100
0.2	25	10 15 92402	100
0.45	13	10 15 92413	100
0.45	25	10 15 92404	100
0.45	30	10 15 92405	100

Other sizes on request

③ Nylon syringe filters

Recommended for analytical applications, filtration of samples and solvents for HPLC, under non-extreme conditions.

- Nylon membrane, hydrophilic
- Suitable for diluted organic solvents (e.g. acetone, methylenchloride and acetonitrile) and alkaline solutions
- Free of surfactants

Pore size µm	Housing Ø mm	Order No.	PU pc/Pack
0.2	13	10 15 92308	100
0.2	25	10 15 92301	100
0.2	25	10 15 92303	500
0.45	13	10 15 92307	100
0.45	25	10 15 92304	100
0.45	25	10 15 92306	500



④ PTFE syringe filters

Recommend for HPLC and GC samples, sterilisation and clarification of most solvents and for air sterilisation.

- Polytetrafluorethylene (Teflon) membrane, hydrophobic
- High chemical resistance to most organic solvents and acids
- Free of surfactants
- Prior to the filtration of aqueous samples, rinse the membranes with ethanol or isopropanol as surfactant
- Suitable for clarification of most solvents (e.g. acetone, dimethylformamide or DMSO) or highly aggressive liquid solvents or acids

Pore size µm	Housing Ø mm	Order No.	PU pc/Pack
0.2	13	10 15 92201	100
0.2	25	10 15 92203	100
0.45	13	10 15 92204	100
0.45	25	10 15 92207	100
0.45	25	10 15 92208	500
0.45	30	10 15 92209	100



④