

Great Value General Purpose Filtration

Sourced from high quality European mills, Alpha Laboratories' filter papers are an ideal replacement for traditional filter paper brands.

All our filter papers are tested for basic weight, thickness, airflow and mechanical burst strength, giving you assurance of quality together with great value for money.

- General purpose grade
- Direct equivalent to popular brands
- Medium filtration velocity
- Suitable for analytical purposes
- Available plain or pre-folded



Grade 601 - Medium filtration velocity filter paper used for analytical work in laboratories. Equivalent to Whatman® No.1 and Schleicher and Schuell® 595

Catalogue Number	Description	Pack Size
FL0001PK	42.5mm Qualitative Filter Paper Grade 601	10 x 100
FL0002PK	47mm Qualitative Filter Paper Grade 601	10 x 100
FL0003PK	55mm Qualitative Filter Paper Grade 601	10 x 100
FL0004PK	70mm Qualitative Filter Paper Grade 601	10 x 100
FL0005PK	85mm Qualitative Filter Paper Grade 601	10 x 100
FL0006PK	90mm Qualitative Filter Paper Grade 601	10 x 100
FL0007PK	110mm Qualitative Filter Paper Grade 601	10 x 100
FL0008PK	125mm Qualitative Filter Paper Grade 601	10 x 100
FL0009PK	150mm Qualitative Filter Paper Grade 601	10 x 100
FL0010PK	185mm Qualitative Filter Paper Grade 601	10 x 100
FL0011PK	240mm Qualitative Filter Paper Grade 601	10 x 100
FL0012PK	270mm Qualitative Filter Paper Grade 601	10 x 100
FL0013PK	320mm Qualitative Filter Paper Grade 601	10 x 100
FL0014PK	400mm Qualitative Filter Paper Grade 601	10 x 100
FL0015PK	500mm Qualitative Filter Paper Grade 601	10 x 100
FL0016PK	460x570mm Qualitative Filter Paper Grade 601	10 x 100

Grade 113 - Medium filtering - Suitable for fast filtration of liquid with fine particles. Equivalent to Whatman® No.2 and Schleicher and Schuell® 593

Catalogue Number	Description	Pack Size
FL0100PK	125mm Pre-folded Qualitative Filter Paper Grade 113P	10 x 100
FL0101PK	150mm Pre-folded Qualitative Filter Paper Grade 113P	10 x 100
FL0102PK	185mm Pre-folded Qualitative Filter Paper Grade 113P	10 x 100
FL0103PK	240mm Pre-folded Qualitative Filter Paper Grade 113P	10 x 100

Membrane Filters

- Polycarbonate membranes
- 0.22µm and 0.45µm pore size sizes
- 25mm and 47mm diameter
- Non-sterile
- Packs of 100 filters



Membrane Filters

Catalogue Number	Description	Pack Size
FL0110	25mm diameter 0.22µm pore size Polycarbonate Membrane Filter	100
FL0111	47mm diameter 0.22µm pore size Polycarbonate Membrane Filter	100
FL0112	25mm diameter 0.45µm pore size Polycarbonate Membrane Filter	100
FL0113	47mm diameter 0.45µm pore size Polycarbonate Membrane Filter	100

Syringe Filters

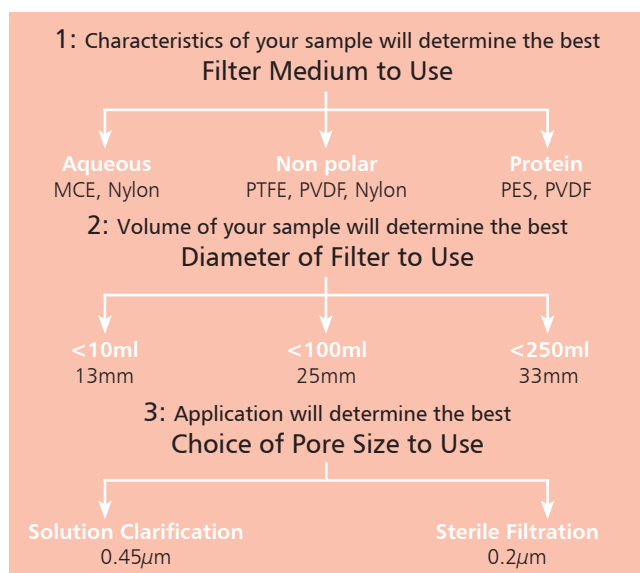
- 0.2µm and 0.45µm pore size
- 13, 25 and 33mm diameter
- Heat-sealed polypropylene housing – no glue
- Sterile MCE, Nylon, PTFE, PVDF and PES membranes
- 50x individually-wrapped, sterile

Syringe filters provide an efficient method for filtering small volumes of solutions to the sub-micrometer level. They are ideal for small volume clean-up prior to further analysis and help prolong HPLC column life by capturing and removing larger particles suspended in the sample.

A range of filter materials are available with specific qualities to provide the best filtration for your sample type. Choose cellulose, PES or nylon for aqueous solutions, PVDF for more aggressive solutions or PTFE for oils and air venting applications.

Widely used in many research and testing areas, syringe filters come in a range of media to suit the chemical composition of your sample. Standard pore sizes are 0.45µm and 0.2µm but others are available on request.

The Alpha Laboratories' range of disposable syringe filters are convenient and easy to use. They are available individually wrapped with a variety of membranes in a pure, polypropylene, heat-sealed housing. They are ideal for numerous applications in pharmaceutical, environmental, biotechnology, food/beverage and agricultural testing laboratories.



NB. Mycoplasma and some viruses may go through the 0.2µm filter

Mixed Cellulose Ester (MCE) Syringe Filters

Applications

- Filtration and tissue culture media and additives
- Clarification of biological fluids
- Filtration of proteins, enzymes and other aqueous solutions
- Gas particulate and bacteria filtration
- Offers higher protein binding than cellulose acetate
- For general purpose filtration of aqueous solutions

MCE Syringe Filters		
Catalogue Number	Description	Pack Size
FL0200S	13mm 0.2µm Cellulose Syringe Filter, Sterile	50
FL0201S	25mm 0.2µm Cellulose Syringe Filter, Sterile	50
FL0202S	33mm 0.2µm Cellulose Syringe Filter, Sterile	50
FL0203S	13mm 0.45µm Cellulose Syringe Filter, Sterile	50
FL0204S	25mm 0.45µm Cellulose Syringe Filter, Sterile	50
FL0205S	33mm 0.45µm Cellulose Syringe Filter, Sterile	50

Nylon (NYL) Polyamide Syringe Filters

- Universal application for analytical procedures
- Filtration and clarification of solvents
- Filtration of aqueous and organic solvents in HPLC, GC or dissolution analysis
- Sterilisation and clarification of biological fluids, buffer solutions and tissue culture media
- For high protein binding and high dirt loading capacity

Nylon Syringe Filters

Catalogue Number	Description	Pack Size
FLO206S	13mm 0.2µm Nylon Syringe Filter, Sterile	50
FLO207S	25mm 0.2µm Nylon Syringe Filter, Sterile	50
FLO208S	33mm 0.2µm Nylon Syringe Filter, Sterile	50
FLO209S	13mm 0.45µm Nylon Syringe Filter, Sterile	50
FLO210S	25mm 0.45µm Nylon Syringe Filter, Sterile	50
FLO211S	33mm 0.45µm Nylon Syringe Filter, Sterile	50

Polytetrafluorethylene (PTFE) Syringe Filters

- Filtration of most organic solvents and extremely corrosive solutions
- Preparation of HPLC or GC samples
- Filtration of air and gases
- Non-aqueous base organic solvent filtration

PTFE Syringe Filters

Catalogue Number	Description	Pack Size
FLO212S	13mm 0.2µm PTFE Syringe Filter, Sterile	50
FLO213S	25mm 0.2µm PTFE Syringe Filter, Sterile	50
FLO214S	33mm 0.2µm PTFE Syringe Filter, Sterile	50
FLO215S	13mm 0.45µm PTFE Syringe Filter, Sterile	50
FLO217S	33mm 0.45µm PTFE Syringe Filter, Sterile	50

Polyethersulfone (PES) Syringe Filters

- Good for use in aqueous applications and biological samples
- Low binding to proteins and nucleic acid
- Tissue culture additive and media filtration
- Low affinity for proteins and extractable with substantially faster flow rates than PVDF

PES Syringe Filters

Catalogue Number	Description	Pack Size
FLO224S	13mm 0.2µm PES Syringe Filter, Sterile	50
FLO225S	25mm 0.2µm PES Syringe Filter, Sterile	50
FLO226S	33mm 0.2µm PES Syringe Filter, Sterile	50
FLO227S	13mm 0.45µm PES Syringe Filter, Sterile	50
FLO228S	25mm 0.45µm PES Syringe Filter, Sterile	50
FLO229S	33mm 0.45µm PES Syringe Filter, Sterile	50

Polyvinylidene fluoride (PVDF) Syringe Filters

- Filtration of most organic solvents and extremely corrosive solutions where maximising protein recovery is vital
- Extremely low protein-binding applications
- Gas and vapour filtration
- High thermal and high temperature filtration techniques

PVDF Syringe Filters

Catalogue Number	Description	Pack Size
FLO218S	13mm 0.2µm PVDF Syringe Filter, Sterile	50
FLO219S	25mm 0.2µm PVDF Syringe Filter, Sterile	50
FLO220S	33mm 0.2µm PVDF Syringe Filter, Sterile	50
FLO221S	13mm 0.45µm PVDF Syringe Filter, Sterile	50
FLO222S	25mm 0.45µm PVDF Syringe Filter, Sterile	50
FLO223S	33mm 0.45µm PVDF Syringe Filter, Sterile	50

