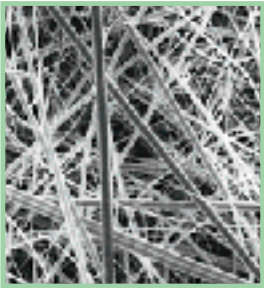


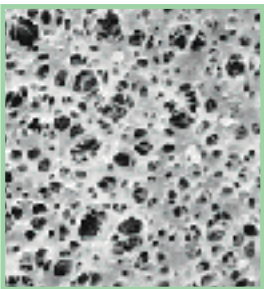


Membrane Filters



Often referred to as depth filters, these ideal for general gravimetric air sampling and analysis. Available unweighed or pre-weighed. Use for dusts when no further analysis other than weighing is required.

- Low cost
- Low pressure drop
- No electrostatic problems
- Fastest Flow Rate
- High Load Capacity
- Retention of particles to sub-micron size
- Temperature range up to 500°C
- Inert fibre composition
- Free of binders or additives



Suitable for further analysis other than gravimetric. Primarily used for air sampling of metals and fibres (e.g. Asbestos). MCE is stronger than GFA so ideal when further post analysis is required other than weighing.

- Very low in contaminants
- Available in a range or pour sizes
- Hydrophilic
- Economical membrane for air monitoring applications
- Dissolves completely using standard digestion procedures.
- Clears completely giving minimal interference in fibre counting.

Filters: GFA

Glass Fibre Filters (GFA)

Part No.	Description	Diameter	Quantity Unit / Pack Size
P102050	Glass Fibre Filter - Grade A - Binderless	25mm	Pack of 100
P102051	Glass Fibre Filter - Grade A - Binderless	37mm	Pack of 100
P102052	Glass Fibre Filter - Grade A - Binderless	47mm	Pack of 100
P102053	Glass Fibre Filter - Grade A - Binderless	55mm	Pack of 100
P102054	Glass Fibre Filter - Grade A - Binderless	70mm	Pack of 100
P102055	Glass Fibre Filter - Grade A - Binderless	90mm	Pack of 100
P102056	Glass Fibre Filter - Grade A - Binderless	8x10"	Pack of 100

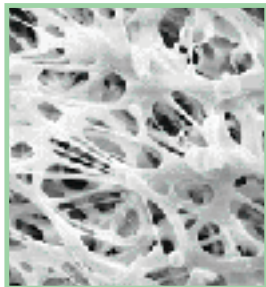
Filters: MCE

Mixed Cellulose Ester (MCE)

Part No.	Description	Diameter (mm)	Pore Size (µm)	Quantity Unit / Pack Size
P102063	Mixed Cellulose Esters (MCE) Filters, Plain White	25mm	0.45µm	Pack of 100
P102064	Mixed Cellulose Esters (MCE) Filters, Plain White	25mm	0.8µm	Pack of 100
P102065	Mixed Cellulose Esters (MCE) Filters, Plain White	25mm	1.2µm	Pack of 100
P102066	Mixed Cellulose Esters (MCE) Filters, Plain White	37mm	0.45µm	Pack of 100
P102067	Mixed Cellulose Esters (MCE) Filters, Plain White	37mm	0.8µm	Pack of 100
P102068	Mixed Cellulose Esters (MCE) Filters, Plain White	47mm	0.45µm	Pack of 100
P102069	Mixed Cellulose Esters (MCE) Filters, Plain White	47mm	5.0µm	Pack of 100
P102070	Mixed Cellulose Esters (MCE) Filters, Plain White	47mm	0.8µm	Pack of 100
P102071	Mixed Cellulose Esters (MCE) Filters, Gridded Black	25mm	0.45µm	Pack of 100
P102072	Mixed Cellulose Esters (MCE) Filters, Gridded Black	25mm	0.8µm	Pack of 100
P102073	Mixed Cellulose Esters (MCE) Filters, Gridded Black	37mm	0.45µm	Pack of 100
P102074	Mixed Cellulose Esters (MCE) Filters, Gridded Black	47mm	0.45µm	Pack of 100
P102075	Mixed Cellulose Esters (MCE) Filters, Gridded Black	37mm	0.8µm	Pack of 100
P102076	Mixed Cellulose Esters (MCE) Filters, Gridded Black	47mm	0.8µm	Pack of 100
P102077	Mixed Cellulose Esters (MCE) Filters, Gridded Black	25mm	0.8µm	Pack of 100



Membrane Filters



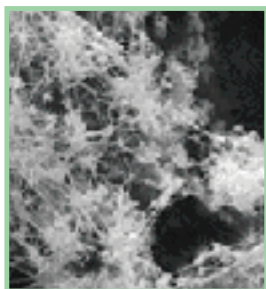
Top quality filter for measuring dust, silica and chromium. There is a low tare weight so a lower sample weight is required and they have a low moisture absorption.

- Pure homopolymer PVC
- Low moisture pick-up and low tare weight giving good gravimetric stability
- Low ash. Provides interference-free silica determinations.

Filters: PVC Filters-Plain White

Poly Vinyl Chloride (PVC)

Part No.	Description	Diameter (mm)	Pore Size (μm)	Quantity Unit / Pack Size
P102078	PVC Membrane Filter	25mm	5.0μm	Pack of 100
P102079	PVC Membrane Filter	37mm	5.0μm	Pack of 100
P102080	PVC Membrane Filter	47mm	5.0μm	Pack of 100



These filters are free of impurities and resistant to corrosive substances such as acids, so can be used in these types of environment.

- Strong, chemically resistant membranes for air monitoring and sampling in aggressive environments.
- Low chemical background permits highly sensitive, interference-free determinations.
- Low tare mass for accurate gravimetric determinations
- Ideal for filtration of gas and/or organic solvents.

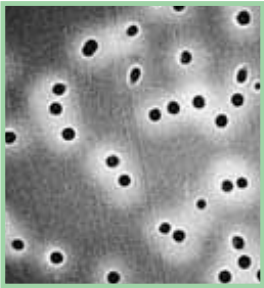
Filters: PTFE filters

Poly Tetra Floro Ethylene (PTFE)

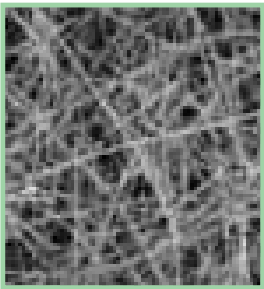
Part No.	Description	Diameter (mm)	Pore Size (μm)	Quantity Unit / Pack Size
P102081	PTFE Filter, PTFE Support Layer	25mm	0.5μm	Pack of 100
P102082	PTFE Filter, PTFE Support Layer	25mm	1.0μm	Pack of 100
P102083	PTFE Filter, PMP Support	25mm	3.0μm	Pack of 50
P102084	PTFE Filter, Unlaminated	25mm	5.0μm	Pack of 50
P102085	PTFE Filter, PP Support	37mm	0.45μm	Pack of 100
P102086	PTFE Filter, PTFE Support	37mm	1.0μm	Pack of 50
P102087	PTFE Filter, PP Support	37mm	1.0μm	Pack of 100
P102088	PTFE Filter, PTFE Support	37mm	2.0μm	Pack of 50
P102089	PTFE Filter, Unlaminated	37mm	5.0μm	Pack of 50
P102090	PTFE Filter, PTFE Support	47mm	0.5μm	Pack of 50
P102091	PTFE Filter, PTFE Support	47mm	1.0μm	Pack of 50
P102092	PTFE Filter, PMP Support	47mm	2.0μm	Pack of 50
P102094	PTFE Filter, Unlaminated	47mm	5.0μm	Pack of 50
P102095	PTFE Filter, PTFE Support	47mm	2.0μm	Pack of 50



Membrane Filters



- Smooth glass-like surface with cylindrical pores for maximum particulate capture
- Suitable for air monitoring
- Lowest, non-specific binding membrane
- Precise pore sizes and pore distribution for absolute filtration and separation
- Non-staining, providing an exceptional background for sample observations.
- Very low extractables
- PCTE membranes pass all USP Class VI tests
- Biologically inert.
- Optically transparent in most pore sizes.
- Excellent chemical resistance and thermal stability.



- These quartz filters are heat treated for improved chemical purity giving superior quality for trace level comparison.
- High temperature use for analysis of acidic gases and stack sampling aerosols
 - High flow rate and filtration efficiency
 - Ultra-pure soft water processing to reduce residual ion content.
 - Can be used for high temperature and hot gas air monitoring applications.
 - Ideal for diesel and other emissions testing required by environmental regulatory agencies.
 - Binder free
 - Superior quality for trace level comparison

Filters: Polycarbonate Filters – Plain White

Polycarbonate Filters

Part No.	Description	Diameter (mm)	Pore Size (µm)	Quantity Unit / Pack Size
P102096	Polycarbonate Filter	25mm	0.2µm	Pack of 100
P102097	Polycarbonate Filter	25mm	0.4µm	Pack of 100
P102098	Polycarbonate Filter	25mm	0.8µm	Pack of 100
P102099	Polycarbonate Filter	37mm	0.2µm	Pack of 100
P102100	Polycarbonate Filter	37mm	0.4µm	Pack of 100
P102101	Polycarbonate Filter	37mm	0.8µm	Pack of 100
P102102	Polycarbonate Filter	47mm	0.4µm	Pack of 100

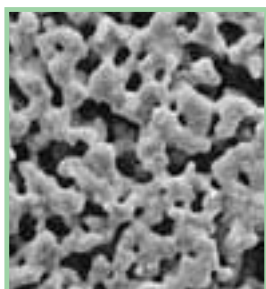
Filters: Quartz & TissuQuartz Filters

Quartz

Part No.	Description	Diameter	Quantity Unit / Pack Size
P102103	Quartz Filter, Tissuquartz	25mm	Pack of 100
P102104	Quartz Filter, Tissuquartz	37mm	Pack of 25
P102105	Quartz Filter, Tissuquartz	47mm	Pack of 25
P102106	Quartz Filter, Tissuquartz	8"x10"	Pack of 25



Membrane Filters



Made from almost pure silver these filters can be cleaned and reused for economical air sampling.

- 99.97% pure silver
- High temperature resistance
- High chemical resistance
- Smooth surface for particle capture and easy observation

Filters: Silver Filters

Silver

Part No.	Description	Diameter (mm)	Pore Size (µm)	Quantity Unit / Pack Size
P102107	Silver Membrane Filters	25mm	0.45µm	Pack of 50
P102108	Silver Membrane Filters	25mm	0.8µm	Pack of 25
P102109	Silver Membrane Filters	37mm	0.8µm	Pack of 25



Filter Support Pads made from pure cellulose or porous plastic. Available in 25mm or 37mm Discs. For use as a membrane filter support in filter holders and cassettes.

Filter Support Pad

Support Pads

Part No.	Description	Diameter (mm)	Quantity Unit / Pack Size
P102110	Cellulose Filter Support Pads	25mm	Pack of 100
P102111	Cellulose Filter Support Pads	37mm	Pack of 100
P102112	Porous Plastic Filter Support Pads	25mm	Pack of 100
P102113	Porous Plastic Filter Support Pads	37mm	Pack of 100