

Filtration

Syringeless Filters

Whatman®

Provide a single disposable, manual pressure filtration system which is fast and easy to use in sample preparation.

- ◆ Built-in pre-filter for 'difficult' samples
- ◆ Minimal waste
- ◆ Ideal for hazardous samples

Syringeless Filters, Autovial™

Comprise a graduated, medical grade polypropylene barrel, maximum capacity 12ml, with 3cm² filter at the base, luer slip outlet and plunger. Filter membrane material as specified. Non-sterile. Supplied in packs of 50.

Filter membrane material	Pore size, µm	Catalogue number	Ref.
PVDF	0.2	FC415-08	AV125EAQU
	0.45	FC415-12	AV125UAQU
Nylon	0.45	FC415-16	AV125UNA0
PTFE	0.2	FC415-24	AV125EORG
	0.45	FC415-27	AV125UORG
Glass microfibre	0.45	FC415-33	AV125UGMF

Syringeless Filters, UniPrep™

Comprise a 5ml capacity medical grade polypropylene test tube which initially holds the sample, and hollow plunger incorporating a filter at the tip. In use the sample is manually pressure filtered into the plunger which then acts as a storage vial for the filtered sample. The plunger has a removable cap. Non-sterile. Supplied in packs of 50.

Filter membrane material	Pore size, µm	Catalogue number	Ref.
Glass microfibre	0.45	FC417-09	UN113UGMF
Nylon	0.45	FC417-16	UN113UNYL
PTFE	0.2	FC417-24	UN113EORG
	0.45	FC417-27	UN113UORG

Syringeless Filters, Mini-UniPrep™

A small-scale version (up to 500µl sample volume) of the UniPrep™ filter designed to fit into any HPLC autosampler which accommodates 12 x 32mm vials. Alternatively the lid septum can be pierced with a needle and the filtered sample drawn off for manual injection into an analyser. Overall height x diameter 33.2 x 11.7mm. Medical grade polypropylene chamber and plunger with aluminium cap and pierceable PTFE-faced silicone seal to the plunger. Filtration area: 0.3cm². Non-sterile, but autoclavable. Supplied in packs as indicated.

Filter membrane material	Pore size, µm	Catalogue number	Ref.	Pack qty.
Polypropylene	0.45	FC420-10	UN203NPUPP	100
PTFE	0.45	FC420-18	UN203NPUORG	100
	0.45	FC420-20	UN503NPUORG	1000
	0.45	FC420-22	UN203APUORG*	100
PVDF	0.45	FC420-26	UN203NPUAQU	100
	0.45	FC420-28	UN503NPUAQU	1000
	0.45	FC420-30	UN203APUAQU*	100
Glass microfibre	0.45	FC420-34	UN203NPUGMF	100
	0.45	FC420-36	UN503NPUGMF	1000
	0.45	FC420-38	UN203APUGMF*	100
Nylon	0.45	FC420-42	UN203NPUNYL	100
	0.45	FC420-44	UN503NPUNYL	1000
	0.45	FC420-46	UN203APUNYL*	100
Polyether-sulphone	0.45	FC420-50	UN203NPUPES	100
	0.45	FC420-52	UN503NPUPES	1000

* With amber polypropylene body for use with light-sensitive samples.



FC415



FC417



FC420