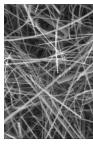
Filtration

filter papers, glass microfibre





Filter papers, glass microfibre, quartz microfibre





Designed for environmental, gravimetric and biochemical applications.

- Retain structural integrity without weight loss when ignited to 550°C after sample filtration
- · Can be rendered transparent by immersing in ethyl alcohol or other solvents
- With refractive index of 1.5097

Technical Specification - Specific

Applications

	APFA	APFB	APFC	APFD
Particle retention, µm	1.6	1.0	1.2	2.7
Thickness, mm	0.50 to 0.63	0.87 to 0.94	0.32 to 0.36	0.98 to 1.04
Flow rate, s/ 100mL	30 to 64	102 to 140	70 to 100	12 to 28
Temperature, working, max., °C	≤260	≤260	≤260	≤105
Mass [density] g/ m²	53	143	53	120
Material	Glass fibre	Glass fibre	Glass fibre	Glass fibre
Applications	Wastewater monitoring, collection of suspended particles in gases, cell collection, filtration of protein and nucleic acid precipitates	Liquid clarification, quantification of solids in suspensions of fine particles, scintillation counting	Determination of total suspended solids in drinking water, filtration of proteins of nucleic acid TCA precipitates, collection of cells and microorganisms	Clarification of suspensions with particle >1µm, collection of cells and microorganisms
	APFF	AP40	AQFA	
Particle retention, µm	0.7	0.7	-	
Thickness, mm	0.59 to 0.63	0.475	0.500	
Flow rate, s/ 100mL	274 to 456	274 to 456	-	
Temperature, working, max., °C	≤105	≤105	≤550	
Mass [density] g/ m²	75	550	75	
Material	Glass fibre	Glass fibre	Quartz fibre	

Determination of volatile

suspended matter in waste water and industrial effluents, also for

APFA series

Filtration of extremely fine

precipitates, TCLP

precipitates such as proteins, nucleic acids and serum

Retain fine particles with good efficiency, even at high flow rates

Catalogue No	Legacy No	Alt. No	Diameter, mm	Pack qty
10701791	-	APFA04700	47	100

Measurement of heavy metal

the USEPA PMIO ambient air motivating method

concentrations and small as amounts of particles as in

APFB series

Greater loading capacity and higher mechanical strength when wet than APFA filters

Catalogue No	Legacy No	Alt. No	Diameter, mm	Pack qty
10268100	-	APFB04700	47	100

APFC series

Greater retention, especially for fine particulate and microorganism removal, than APFA filters

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Catalogue No	Legacy No	Alt. No	Diameter, mm	Pack qty
10548252	-	APFC02500	25	100
10208350	-	APFC04700	47	100
10268390	-	APFC09050	90	50

APFD series

Thick filters with high flow rates and low retention

Thick interest that high next rates and lett retention						
Catalogue No	Legacy No	Alt. No	Diameter, mm	Pack qty		
10536532	-	APFD02500	25	100		
10248490	-	APFD04700	47	100		
10597102	-	APFD09050	90	50		