



Filters and Filter Paper Grades

Grade/Size	Characteristics	Application
Filters		
A	Fine porosity, fast flow rate	Radioimmunoassay and gravimetric determination of airborne particulates.
A-E	Fine porosity, fast flow rate, 99.98% DOP eff..	Primarily used in suspended solids and air monitoring.
C	Fine porosity, fast flow rate	RIA procedures and harvesting lymphocytes.
E	Fine porosity, fast flow rate	Suspended particle analysis in water, cell harvesting, prefiltration, and air monitoring.
F	Fine porosity, medium flow rate	Filter diluted aqueous solutions pre laser spectroscopy; TCLP analysis; & collect fine precipitated proteins including immunoglobulin.
TSS	High flow rate & cap., excellent wet strength	High-efficiency medium for testing dissolved and suspended solids in water and wastewater.
VSS	High loading capacity	Monitoring air pollution & high-temp. flue gas, filtering high-temp. solvents, determining fixed & volatile solids in high-heat applic.
Filter Paper		
CFP2, 8µm	Medium to slow flow rate	General filtration and absorbent conveyance, in plant growth trials, and in monitoring air and gases for contaminants.
CFP40, 8µm-10µm	Medium retention and flow rates	General liquid and gas procedures and liquid food tests.

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Filters and Filter Paper

Quantitative Filter Paper—Designed for gravimetric analysis and the preparation of samples for instrumental analysis.

Qualitative Filter Paper—Made from high quality cotton liners to ensure reproducibility and uniformity.



14A840

Grade	Material	Pore Size	Dia.	Brand	Item No.	Pkg. Qty.
Filters						
Membrane Filters						
—	Cellulose Nitrate	5 µm	47 mm	Cytiva Whatman	32HH74	100
—	Mixed Cellulose	0.45 µm	47 mm		32HK60	100
—	Ester (MCE)	0.45 µm	47 mm		32HJ22	200
—	Mixed Cellulose	0.45 µm	4.7 cm	LSS	14A840	1000
—	Esters	0.45 µm	4.7 cm		14A842	100
—	Esters	0.45 µm	4.7 cm		14A843	200
Glass Microfiber Filters						
A	Binderless Borosilicate Glass Microfiber	1.6 µm	9 cm	LSS	14A851	100
C		1.2 µm	9 cm		12K889	100
E		1.5 µm	5.5 cm		12K951	100
TSS		1.5 µm	4.7 cm		12K992	100
TSS		1.5 µm	9 cm		12K995	100
VSS		1.5 µm	4.7 cm		12K999	100
VSS		1.5 µm	9 cm		12L004	100
VSS		1.5 µm	11 cm		12K996	100
934-AH		1.5 µm	21 mm		32HJ07	100
934-AH		—	32 mm		32HL05	100
934-AH	—	42.5 mm	32HL04	100		
934-AH	Borosilicate Glass	—	47 mm	Cytiva Whatman	32HH59	100
934-AH	—	—	55 mm		32HH85	100
934-AH	—	—	90 mm		32HH58	100
GF/A	—	—	47 mm		32HJ90	100
Filter Paper						
Quantitative Filter Paper						
40 - Ashless	High Quality Cotton Linters	8.0 µm	5.5 cm	Cytiva Whatman	32HK15	100
40 - Ashless		8.0 µm	11 cm		32HH91	100
41 - Ashless		20 to 25 µm	4.7 cm		32HK12	100
41 - Ashless		20 to 25 µm	12.5 cm		32HH61	100
42 - Ashless		2.5 µm	9 cm		32HL14	100
50		2.7 µm	9 cm		32HL11	100
CFP40		8.0 µm	9 cm		12K911	100
CFP40		8.0 µm	11 cm		12K912	100
CFP40		8.0 µm	12.5 cm		12K913	100
CFP40		8.0 µm	15 cm		12K914	100
CFP42	Cellulose	2.5 µm	11 cm	LSS	12K926	100
CFP42	2.5 µm	18.5 cm	12K929		100	
CFP541	25.0 µm	9 cm	12K937		100	
CFP541	25.0 µm	18.5 cm	12K939		100	
CFP541	25.0 µm	12.5 cm	12K938		100	
General Qualitative Filter Paper						
230	Craped Paper	25 to 30 µm	25 cm	Cytiva Whatman	32HL42	50
Qualitative Filter Paper						
CFP1	Cellulose	11.0 µm	12.5 cm	Cytiva Whatman	32HH68	100
CFP1		11.0 µm	15 cm		32HH67	100
CFP1		11.0 µm	18.5 cm		32HK50	100
CFP1		11.0 µm	4.25 cm		12K890	100
CFP1		11.0 µm	5.5 cm		12K891	100
CFP1		11.0 µm	9 cm		12K893	100
CFP1		11.0 µm	11 cm		12K894	100
CFP1		11.0 µm	12.5 cm		12K895	100
CFP1		11.0 µm	15 cm		12K896	100
CFP1		11.0 µm	18.5 cm		12K897	100
CFP1	11.0 µm	24 cm	12K898	100		
CFP2	8.0 µm	4.25 cm	Cytiva Whatman	32HK36	100	
CFP2	8.0 µm	9 cm	LSS	12K902	100	
CFP2	8.0 µm	11 cm	Cytiva Whatman	32HK33	100	
CFP2	8.0 µm	15 cm	Cytiva Whatman	32HK32	100	
CFP3	6.0 µm	15 cm	LSS	12K909	100	
CFP4	20 to 25 µm	9 cm	Cytiva Whatman	32HJ11	100	
CFP4	20 to 25 µm	11 cm	Cytiva Whatman	32HH66	100	
CFP4	20 to 25 µm	12.5 cm		32HH65	100	
CFP4	25.0 µm	11 cm		12K917	100	
CFP4	25.0 µm	12.5 cm		12K922	100	
CFP4	25.0 µm	15 cm		12K923	100	
CFP4	25.0 µm	18.5 cm	LSS	12K924	100	
CFP41	20.0 µm	11 cm		12K918	100	
CFP41	20.0 µm	12.5 cm		12K919	100	
CFP50	2.7 µm	9 cm		36L290	100	

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Syringe Filters

Molded-in polypropylene housings for a reliable seal without adhesives. Supplied sterile in individual blister packs.

Anotop—Made of inorganic membranes; low protein binding. For organic solvents and aqueous materials.

Glass Fiber—Handles viscous solutions or turbid liquids.

Nylon—Universal filter for analytical procedures such as chemical and beverage filtration.

GD/X—Designed with a prefiltration stack and process 3 to 7 times more sample volume.

Filter Material	Pore Size	Membrane Dia.	Brand	Item No.	Pkg. Qty.
Anotop Female Luer-Lok Inlet, Male Luer Outlet					
Anotop Membrane	0.02 µm	10 mm	Cytiva Whatman	32HJ33	50
Female Luer Lock Inlet, Male Luer-Lok Outlet					
Glass Fiber, Nylon, Polypropylene	0.45 µm	—	LSS	36L285	100
GD/X Female Luer-Lok Inlet, Male Luer Outlet					
Glass Microfiber	0.45 µm	25 mm	Cytiva Whatman	32HJ01	150
Polypropylene	0.45 µm	25 mm		32HJ28	150
GD/XP Female Luer-Lok Inlet, Male Luer Outlet					
Nylon	0.45 µm	25 mm	Cytiva Whatman	32HJ23	150
Luer-Lok Inlet, Luer-Slip (No- Barb) Outlet					
Glass Fiber	0.7 µm	25 mm		12K971	100
	1 µm	25 mm		12K972	100
Hydrophilic PES	0.22 µm	25 mm		12K969	100
	0.45 µm	25 mm		12K970	100
Hydrophilic PVDF	0.22 µm	13 mm	LSS	12K966	100
	0.45 µm	13 mm		12K967	100
Hydrophobic PTFE	0.22 µm	13 mm		12K964	100
	0.45 µm	13 mm		12K963	100
	0.45 µm	25 mm		12K965	100
	0.22 µm	13 mm		12K959	100
Nylon	0.22 µm	25 mm		12K960	100
	0.45 µm	25 mm		12K961	100
Male Luer-Lok Inlet, Tapered 4 mm OD Outlet					
Hydrophilic PVDF	0.45 µm	30 mm		11L851	30
	0.22 µm	13 mm		11L856	75
MCE (Mixed Cellulose Ester)	0.22 µm	30 mm		11L857	30
	0.45 µm	13 mm		11L858	75
	0.45 µm	30 mm		11L859	30
Nylon	0.45 µm	13 mm		11L860	75
	0.45 µm	30 mm		11L861	30
	0.22 µm	13 mm		11L852	75
PES	0.22 µm	30 mm	LSS	11L853	30
	0.45 µm	13 mm		11L854	75
	0.45 µm	30 mm		11L855	30
	0.22 µm	13 mm		11L862	75
PTFE	0.22 µm	30 mm		11L863	30
	0.45 µm	13 mm		11L864	75
	0.45 µm	30 mm		11L865	30
	0.1 µm	13 mm		11L846	75
PVDF	0.1 µm	30 mm		11L847	30
	0.22 µm	13 mm		11L848	75
	0.22 µm	30 mm		11L849	30
	0.45 µm	13 mm		11L850	75
Puradisc Female Luer-Lok Inlet, Male Luer Outlet					
Nylon	1 µm	25 mm	Cytiva	32HK74	50
PVDF	0.45 µm	13 mm	Whatman	32HK72	2000



12K961 (Shown in Package)



Individual Filter 11L859



Individual Filter 11L846