

Filter Papers: Specifications Comparison Table						
Reference	Flow Rate	Pore Size	Thickness	Max. Ash Content	Type	Equivalence
Qualitative						
QLDS	Slow	2 – 3 µm	200 µm	0.06%	Disk, folded	Whatman 5
QLPG	Medium	7 – 10 µm	170 µm	0.10%	Disk, folded	Whatman 93
QLDM	Medium	10 – 12 µm	200 µm	0.06%	Disk, folded	Whatman 1
QLDF	Fast	20 - 25 µm	215 µm	0.06%	Disk, folded	Whatman 4
QLPV	Very fast	25 – 30 µm	430 µm	0.06%	Disk, folded	Whatman 114
Quantitative						
QNDS	Slow	7 – 9 µm	290 µm	0.002%	Disk	Whatman 42
QNDM	Medium	8 – 12 µm	270 µm	0.002%	Disk	Whatman 40
QNDF	Fast	10 – 15 µm	250 µm	0.002%	Disk	Whatman 41
Quantitative, Hardened						
QNHS	Slow	7 – 9 µm	290 µm	0.02%	Disk, folded	Whatman 50
QNHM	Medium	8 – 12 µm	270 µm	0.02%	Disk, folded	Whatman 52
QNHF	Fast	12 – 16 µm	250 µm	0.02%	Disk, folded	Whatman 54

Reference	Material	Pore Size	Filter Diameter	Sterility	Equivalence
Glass Microfiber					
GFFC	Glass microfiber	1.2 µm	25 mm, 47 mm, 55 mm, 70 mm, 90 mm	GFFC-E47-050	Whatman GF/C, Macherey Nagel GF-3, Millipore AP40, S&S GF52
GFFA	Glass microfiber	1.6 µm	25 mm, 47 mm, 55 mm, 90 mm	No	Whatman GF/A, Macherey Nagel GF-1, S&S GF50
Membrane Filters					
MACN	Cellulose acetate	0.20 µm, 0.45 µm, 0.80 µm	47 mm	No	-
MCNN	Cellulose nitrate	0.20 µm, 0.45 µm, 0.80 µm	47 mm	No	-
MFNY	Nylon 66	0.22 µm, 0.45 µm	47 mm	No	-
MFPE	Polyethersulfone	0.22 µm, 0.45 µm	47 mm	No	-
MCNE	Cellulose nitrate	0.22 µm, 0.45 µm	47 mm, 50 mm	Yes	