

ADVANTEC[®] Glass/Quartz Fiber Filters Cross Reference Table

	<u>ADVANTEC</u>	<u>Millipore</u>	<u>Whatman</u>	<u>Pall</u>	<u>Ahlstom</u>	<u>Sartorius</u>	<u>Schleicher&Schuell</u>
Glass Fiber	GA-55	APFA	GF/A, 934-AH	-	111	GMF1 (MGA)	31
	GF-75	GFCP	GF/F	-	151	(MGF)	20
	GA-100	-	-	-	-	-	-
	GA-200	-	-	-	-	-	-
	GB-100R	AP-40	EPM2000	A/E (Air)	-	-	1HV
	GB-140	APFB	GF/B	-	121	(MGB)	32
	GC-50	AP-40, APFC	GF/C	A/E (Water)	131	GMF3 (MGC)	30/25
	GC-90*	AP-15	-	-	-	-	-
	GD-120	APFD	GF/D	-	141	(MGD)	40
	GS-25*	AP-20	-	-	164	-	-
	DP-70*	P-25	-	-	-	-	-
Quartz Fiber	QR-100	-	QM-A	Micro Quartz	-	-	-
	QR-200**	-	-	-	-	-	-

* Organic Binder

** Inorganic Binder

(###) cross per manufacturer

Heat Resistance:

Glass: Advantec up to 500°C

Whatman up to 500°C

Quartz: Advantec up to 1000°C

Whatman up to 500°C

ADVANTEC® Paper Cross Reference Table

	<u>ADVANTEC</u>	<u>Millipore</u>	<u>Whatman</u>	<u>Pall</u>	<u>Ahlstom</u>	<u>Sartorius</u>	<u>Schleicher&Schuell</u>
Qualitative Paper	No. 1	FP105	4 or 1	-	631	-	410, 1450cv
	No. 2	-	-	-	601	(292)	604
	No. 131	FP102	3	-	238 (642)	(FN7, FN4)	597
	No. 231	-	2	-	-	-	-
	No. 232	-	6	-	(642)	-	-
	No. 235	-	5	-	(610)	-	-
	No. 101	FP115	91	-	-	-	-
Wet Strength	No. 412	-	114	-	-	-	-
Creped	No. 101	-	91	-	-	-	-
	No. 102	-	113	-	-	-	-

Quantitative Paper	No. 3	FP104	43	-	(74)	-	593-A
	No. 5A	FP224, FP225, FP233, FP235	41	-	(75)	388	589-IH
	No. 5B	FP223	40	-	(74)	(392)	589 / 6 Green
	No. 5C	FP101, FP221	44 or 42	-	(94)	391 (393)	589 / 3 Blue
	No. 6	FP103, FP222, FP231	40 or 42	-	-	-	589 / 2 White
	No. 7	FP223	-	J100070025	-	-	-
Hardened	No. 4A	-	50	-	(95)	-	-

Chromatography Paper	No. 50	-	20 Chr	-	-	-	-
	No. 51A	-	4 Chr	-	-	-	-
	No. 51B	-	1 Chr, F390-03, 591	-	-	-	-
	No. 514A	-	3Chr, 3MM Chr, 31ETChr	-	-	BF2	-
	No. 526	-	17 Chr	-	-	-	Torbo Blotter
	No. 590	-	17 Chr	-	-	-	-

(###) cross per manufacturer



MCE Membrane Cross Reference Table

Pore size(μm)	ADVANTEC	Millipore	Whatman	Pall	Sartorius
5.00	A500A	SMWP	-	-	11342
3.00	A300A	SSWP	ME29	-	11302
1.00	A100A	RAWP	ME28	-	11303
0.80	A080A	AAWP	ME27	GN-4	11304
0.65	A065A	DAWP	ME26	-	11305
0.45	A045A	HAWP	ME25	GN-6	11306
0.30	A030A	PHWP	-	-	-
0.20	A020A	GSWP	ME24	-	-
0.10	A010A	VCWP	-	-	-
<u>Sterile Membranes</u>	ADVANTEC	Millipore	Whatman	Pall	Sartorius
0.02, white, grid	A020H047A	GSWG 047 S1	7187114	-	-
0.45, white, grid	A045D047A	HAWG 047 S0	-	63077	-
0.45, white, grid, pad	A045F047A	HAWG 047 S2	7141 104	-	-
0.45, white, grid	A045H047A	HAWG 047 S1	7141 114	66068, 66278	11306-047 ACN
0.45, white, grid	A045H047W	HAWG 047 S1	7141 114	66068, 66278	-
0.65, white, grid, pad	A065F047A	HCWG 047 S4	-	-	-
0.65, white, grid	A065H047A	HCWG 047 S1	-	66426	-
0.45, black, grid	A045R047A	HABG 047 S1	7153 104	66378	-
0.80, black, grid	A080R047A	AABG 047S1	-	-	-
0.45, green, grid	A045W047A	-	7155 104	66379	-

ADVANTEC[®] Thimble Filter Cross Reference Table

	<u>ADVANTEC</u>	<u>Millipore</u>	<u>Whatman</u>	<u>Pall</u>	<u>Ahlstrom</u>	<u>Sartorius</u>	<u>Schleicher&Schuell</u>
Cellulose	No. 84	-	2800	-	-	-	603
Glass	No. 86R	-	2814	-	-	-	603G
Glass(pre-fired)	No.88RH	-	2812	-	-	-	-



Syringe Filters Cross Reference Table

Diam (mm)	Pore Size	Filter Material	ADVANTEC	Millipore	Whatman	Pall	Sartorius
50	0.20	CA	50CP020AS	SLGP 050 10		4260 (PS)	
	0.45	CA	50CP045AS	SVHV 010 (PV)		4262 (PS)	
	0.20	CA	50CP020AN				
	0.45	CA	50CP045AN				
	0.20	PTFE	50JP020AN	SLFG 050	67205002	4251	SM17805E
	0.50	PTFE	50JP050AN	SLFH 050 (0.45µm)	67205045 (0.45µm)	4256 (0.45µm)	SM17804E (0.45µm)
25	0.20	MCE	25AS020AS	SLGS 025 OS (0.22µm)		4192 (PS)	
	0.45	MCE	25AS045AS	SLHA 025 OS		4184 (PS)	
	0.20	MCE	25AS020AN				
	0.45	MCE	25AS045AN				
	0.20	CA	25CS020AS	SLGV 025 LS (PV)(0.22µm)	67802502 (PS)	4192 (PS)	SM17597K (Ø26mm)
	0.45	CA	25CS045AS	SLHV 025 LS (PV)	67802504 (PS)	4184 (PS)	SM17598K (Ø26mm)
	0.80	CA	25CS080AS	SLAA 025 NB (ME)			SM16592K (Ø26mm)
	0.20	CA	25CS020AN	SLGV 025 NB (PV)(0.22µm)	67812502 (PS)		
	0.45	CA	25CS045AN	SLHV 025 NS (PV)	67812504 (PS)		
	0.80	CA	25CS080AN				
	0.20	PTFE	25JP020AN	SLFG 025 NS	67842502	4225T	SM17575K
	0.50	PTFE	25JP050AN	SLFH 025 NS (0.45µm)	67842504 (0.45µm)	4219T (0.45µm)	SM17576K (0.45µm)
	0.20	H-PTFE	25HP020AN	SLLG H25 NS	67862502 (PP)		SM17764K (RC)
	0.45	H-PTFE	25HP045AN	SLLH H25 NS	67862504 (PP)		SM17765K (RC)
13	0.20	CA	13CP020AS	SLGV 013 SL (PV)(0.22µm)	67801302 (PS)	4454 (PS)	SM17761K (RC)(Ø15mm)
	0.45	CA	13CP045AS	SLHV 013 SL (PV)	67801304 (PS)		
	0.20	CA	13CP020AN	SLGV 013 NL (PV)(0.22µm)	67821302(PS)		
	0.45	CA	13CP045AN	SLHV 013 NL (PV)	67821304 (PS)		
	0.20	PTFE	13JP020AN	SLFG 013 NL	67841302	4423T	SM17573K (Ø15mm)
	0.50	PTFE	13JP050AN	SLFH 013 NL (0.45µm)	67841304 (0.45µm)	4422T (0.45µm)	SM17574K (Ø15mm)(0.45µm)
	0.20	H-PTFE	13HP020AN	SLLG H13 NL	67881302 (PP)		SM17761K (RC)(Ø15mm)
	0.45	H-PTFE	13HP045AN	SLLH H13 NL	67881304 (PP)		SM17762K (RC)(Ø15mm)
3	0.45	CA	03CP045AS	SLHV 004 SL (PV)	67800404 (PS)		
	0.45	CA	03CP045AN	SLHV R04 NL (PV)	67820404 (PS)	4473(AC)	
	0.5	PTFE	03JP050AN	SLFH R04 NL (0.45µm)	67840404 (0.45µm)	4472T (0.45µm)	SM17820K (Ø4mm)(0.45µm)

Note: Differences in filter media, diameter, etc. are given in ()

Filter Material:

MCE - Mixed Cellulose Esters

PV - PVDF

PS - Poly Ether Sulphone

CA - Cellulose Acetate

PP - Poly Propylene

AC - Acrylic

PTFE - PolyTetraFlouroEthylene

H-PTFE - Hydrophilic PolyTetraFlouroEthylene

RC - Regenerated Cellulose