



DISC and SHEET MEMBRANES Collection

Filter papers | Glass Microfiber

Qualitative Papers

GVS Qualitative low ash hardened filter paper is used in qualitative analytical techniques to determine and identify materials. Qualitative filter papers are made of refined pulp and pure cotton linters with an alpha-cellulose content of nearly 100%. The ash content of less than 0.06% is not reduced by post-treatment.



Product Specifications for Qualitative Low Ash Filter Paper

Range	Description	Retention range	Thickness	Weight	Ash Content	Comparative references	
						Brand N	Brand V
DXF04	Very fast	15-20 µm	210 µm	85 g/m ²	<0.06%	4	1
DME01	Medium	10-13 µm	180 µm	85 g/m ²	<0.06%	1	-
DMS02	Medium-Slow	7-8 µm	190 µm	100 g/m ²	<0.06%	2	231
DMS03	Medium-Slow/Thick	5-7 µm	320 µm	200 g/m ²	<0.06%	3	131
DXS05	Very slow	3-5 µm	170 µm	85 g/m ²	<0.06%	5	235

Ordering Information (disc,100/pk)

Diameter	DXF04	DME01	DMS02	DMS03	DXS05
37 mm	FP037DXF04QALC01	FP037DME01QALC01	-	-	-
42 mm	FP042DXF04QALC01	FP042DME01QALC01	FP042DMS02QALC01	FP042DMS03QLTC01	FP042DXS05QALC01
47 mm	FP047DXF04QALC01	FP047DME01QALC01	FP047DMS02QALC01	FP047DMS03QLTC01	FP047DXS05QALC01
55 mm	FP055DXF04QALC01	FP055DME01QALC01	FP055DMS02QALC01	FP055DMS03QLTC01	FP055DXS05QALC01
70 mm	FP070DXF04QALC01	FP070DME01QALC01	FP070DMS02QALC01	FP070DMS03QLTC01	FP070DXS05QALC01
90 mm	FP090DXF04QALC01	FP090DME01QALC01	FP090DMS02QALC01	FP090DMS03QLTC01	FP090DXS05QALC01
110 mm	FP110DXF04QALC01	FP110DME01QALC01	FP110DMS02QALC01	FP110DMS03QLTC01	FP110DXS05QALC01
125 mm	FP125DXF04QALC01	FP125DME01QALC01	FP125DMS02QALC01	FP125DMS03QLTC01	FP125DXS05QALC01
150 mm	FP150DXF04QALC01	FP150DME01QALC01	FP150DMS02QALC01	FP150DMS03QLTC01	FP150DXS05QALC01
185 mm	FP185DXF04QALC01	FP185DME01QALC01	FP185DMS02QALC01	FP185DMS03QLTC01	FP185DXS05QALC01
240 mm	FP240DXF04QALC01	FP240DME01QALC01	FP240DMS02QALC01	FP240DMS03QLTC01	FP240DXS05QALC01
320 mm	FP320DXF04QALC01	FP320DME01QALC01	FP320DMS02QALC01	FP320DMS03QLTC01	FP320DXS05QALC01

Typical Application

	Air monitoring	Air monitoring	Air monitoring	Buchner funnels	Clarifying liquids
	Analysis of biological and organic fluids	Clarifying liquids	General filtration	High absorbency	Soil analysis
		Food Analysis	Soil analysis		Water analysis
	Food analysis	Soil analysis and seed testing			

Quantitative Papers

GVS Quantitative Ashless filter papers are designed for quantitative analysis and preparation of samples and gravimetric analysis. Suitable for Buchner funnels and filtration under pressure. Quantitative Ashless filter papers are made of refined pulp and pure cotton linters with an alpha-cellulose content of virtually 100%. Ash content of less than 0.007%.

Product Specifications for Quantitative Ashless Filter Paper

Range	Description	Retention range	Thickness	Weight	Ash Content	Comparative references	
						Brand N	Brand V
DFA41	Fast	20-25 µm	190 µm	85 g/m ²	<0.007%	41	5A
DME43	Medium	14-17 µm	180 µm	85 g/m ²	<0.007%	43	3
DMS40	Medium-Slow	7-9 µm	170 µm	85 g/m ²	<0.007%	40	5B
DSL44	Slow	2-4 µm	160 µm	85 g/m ²	<0.007%	44	5C
DXS42	Very slow	2-3 µm	160 µm	100 g/m ²	<0.007%	42	-

Ordering Information (disc,100/pk)

Diameter	DFA41	DME43	DMS40	DSL44	DXS42
42 mm	FP042DFA41QANC01	FP042DME43QANC01	FP042DMS40QANC01	FP042DSL44QANC01	FP042DXS42QANC01
47 mm	FP047DFA41QANC01	FP047DME43QANC01	FP047DMS40QANC01	FP047DSL44QANC01	FP047DXS42QANC01
55 mm	FP055DFA41QANC01	FP055DME43QANC01	FP055DMS40QANC01	FP055DSL44QANC01	FP055DXS42QANC01
70 mm	FP070DFA41QANC01	FP070DME43QANC01	FP070DMS40QANC01	FP070DSL44QANC01	FP070DXS42QANC01
90 mm	FP090DFA41QANC01	FP090DME43QANC01	FP090DMS40QANC01	FP090DSL44QANC01	FP090DXS42QANC01
110 mm	FP110DFA41QANC01	FP110DME43QANC01	FP110DMS40QANC01	FP110DSL44QANC01	FP110DXS42QANC01
125 mm	FP125DFA41QANC01	FP125DME43QANC01	FP125DMS40QANC01	FP125DSL44QANC01	FP125DXS42QANC01
150 mm	FP150DFA41QANC01	FP150DME43QANC01	FP150DMS40QANC01	FP150DSL44QANC01	FP150DXS42QANC01
185 mm	FP185DFA41QANC01	FP185DME43QANC01	FP185DMS40QANC01	FP185DSL44QANC01	FP185DXS42QANC01
240 mm	FP240DFA41QANC01	FP240DME43QANC01	FP240DMS40QANC01	FP240DSL44QANC01	FP240DXS42QANC01
320 mm	FP320DFA41QANC01	FP320DME43QANC01	FP320DMS40QANC01	FP320DSL44QANC01	FP320DXS42QANC01

Typical Application

	Air monitoring	Blaine test and cement testing	Air monitoring	Very fine crystalline precipitates	Critical gravimetric
	Food industry		Fat and oil in water testing		
	Paper industry	COD and TOC determination	Gravimetric		
			Soil analysis		
		Food analysis			
		Inorganic analysis			
		Soil analysis			

Glass Microfiber

GVS offers a wide range of glass microfiber filters made of 100% borosilicate glass fibers without binders. The depth structure of the filter with its large surface area provides an outstanding impurity retention capacity combined with a low filter resistance. Glass fiber filters adsorb the finest particles down to 1 µm from liquids and < 1 µm in air and gases, as the electrostatic interaction between the glass fibers and gases is better than between glass fibers and liquids.



Product Specifications for Glass Microfiber Filters

Range	Retention range	Thickness	Weight	Retention DOP	Binders	Comparative references	
						Brand N	Brand V
DSLFF/RSLFF	0.7 µm	450 µm	75 g/m ²	99.998%	NO	GF-F	GF-75
DAM10/RAM10	1.0 µm	700 µm	143 g/m ²	99.998%	NO	GF-B	GB-140
DMEFC/RMEFC	1.2 µm	260 µm	53 g/m ²	99.998%	NO	GF-C	GC-50
DFAAH/RFAAH	1.5 µm	280µm	65 g/m ²	99.998%	NO	934-AH	GA-55
DFafa/RFAFA	1.6 µm	260 µm	52 g/m ²	99.998%	NO	GF-A	GA-55
DAM27/RAM27	2.7 µm	530 µm	120 g/m ²	99.998%	NO	GF-D	GD-120
DAM75/RAM75			75 g/m ²		NO	EPM	GB-100R

Ordering Information (disc,100/pk)

Diameter	DSLFF/RSLFF	DAM10/RAM10	DMEFC/RMEFC	DFAAH	DFafa/RFAFA	DAM27/RAM27	DAM75/RAM75
21 mm	FP021DSLFFGLFC01	FP021DAM10GLFC01	FP021DMEFCGLFC01	FP021DFAAHGLFC01	FP021DFafaGLFC01	FP021DAM27GLFC01	
24 mm	FP024DSLFFGLFC01	FP024DAM10GLFC01	FP024DMEFCGLFC01	FP024DFAAHGLFC01	FP024DFafaGLFC01	FP024DAM27GLFC01	
25 mm	FP025DSLFFGLFC01		FP025DMEFCGLFC01	FP025DFAAHGLFC01	FP025DFafaGLFC01	FP025DAM27GLFC01	
27 mm		FP027DAM10GLFC01					
37 mm	FP037DSLFFGLFC01	FP037DAM10GLFC01	FP037DMEFCGLFC01	FP037DFAAHGLFC01	FP037DFafaGLFC01	FP037DAM27GLFC01	
47 mm	FP047DSLFFGLFC01	FP047DAM10GLFC01	FP047DMEFCGLFC01	FP047DFAAHGLFC01	FP047DFafaGLFC01	FP047DAM27GLFC01	FP047DAM75GLFL01
50 mm	FP050DSLFFGLFC01	FP050DAM10GLFC01	FP050DMEFCGLFC01	FP050DFAAHGLFC01	FP050DFafaGLFC01	FP050DAM27GLFC01	(50/pk)
55 mm	FP055DSLFFGLFC01	FP055DAM10GLFC01	FP055DMEFCGLFC01	FP055DFAAHGLFC01	FP055DFafaGLFC01	FP055DAM27GLFC01	
70 mm	FP070DSLFFGLFC01	FP070DAM10GLFC01	FP070DMEFCGLFC01	FP070DFAAHGLFC01	FP070DFafaGLFC01	FP070DAM27GLFC01	
90 mm	FP090DSLFFGLFC01	FP090DAM10GLFC01	FP090DMEFCGLFC01	FP090DFAAHGLFC01	FP090DFafaGLFC01	FP090DAM27GLFC01	
110 mm	FP110DSLFFGLFC01	FP110DAM10GLFC01	FP110DMEFCGLFC01	FP110DFAAHGLFC01	FP110DFafaGLFC01	FP110DAM27GLFC01	
125 mm	FP125DSLFFGLFC01	FP125DAM10GLFC01	FP125DMEFCGLFC01	FP125DFAAHGLFC01	FP125DFafaGLFC01	FP125DAM27GLFC01	
150 mm	FP150DSLFFGLFC01	FP150DAM10GLFC01	FP150DMEFCGLFC01	FP150DFAAHGLFC01	FP150DFafaGLFC01	FP150DAM27GLFC01	
240 mm	FP240DSLFFGLFC01	FP240DAM10GLFC01	FP240DMEFCGLFC01	FP240DFAAHGLFC01	FP240DFafaGLFC01	FP240DAM27GLFC01	

Ordering Information (sheets,100/pk)

254 x 102			FP254RMEFCGLF01				
203 x 254	FP203RSLFFGLFC01	FP203RAM10GLFC01	FP203RMEFCGLF01	FP203RFAAHGLFC01	FP203RFAFAGLFC01	FP203RAM27GLFC01	FP203RAM75GLFL01 (50/pk)

Typical Application

Air monitoring	Biochemical determinations	Air monitoring	Air monitoring	Air monitoring	Clarification	
Biochemical determinations	Clarification	Biochemical determinations	Cell culture	Biochemical determinations	General purpose laboratory filtration	
Cell cultures	Large volume filtration	Clarification		Food analysis	Membrane pre-filter	
Clarification	Liquid filtration	DNA and protein filtration		General purpose laboratory filtration		
DNA and protein filtration	Membrane pre-filter	Filtration of solvents for HPLC and biochemical tests		Membrane pre-filter		
Filtration of solvents for HPLC and biochemical tests	Water analysis	Membrane pre-filter		Protein filtration		
Membrane pre-filter		Water analysis		Water analysis		
Protein and enzyme filtration						
Water analysis						

Ordering Tips

Filter paper is an important component of laboratories, but it can be difficult to identify the right one. Select from our wide range, or contact us for help. Our product code will help you find the right filter paper in no time.

Product family, FP: Filter Paper	Product range, D: Disc, R: Sheet														
F	P	0	4	7	D	X	F	0	4	Q	A	L	C	0	1
Diameter/size of filter paper															

Need more assistance?

Simply scan and connect with us instantly.

For Sampling



For inquiries



To explore our full range



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While every precaution has been taken in the preparation of this catalog, data are subject to change without notice.

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