FILTROS (UK) LIMITED

HOUSE OF FILTER PAPERS

Trusted Filtration - Proven Performance



Qualitative Filter Papers



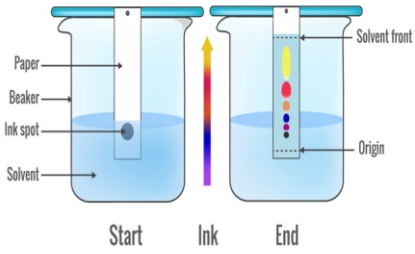
Ashless Quantitative Filter Papers



Fluted Filter Papers



Glass Microfiber Filters

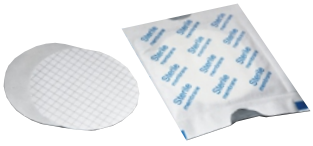


Paper For Chromatography



Cellulose & Glass Extraction Thimbles





Membrane Filters





Syringe Filters



Laboratory Grade Lint Free Cleaning Wipes

Brand Name and logo is registered trademark of FILTROS UK LTD
Birmingham B20 3BX, UK

PRODUCT LIST

2026-27

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INTRODUCTION

FILTROS (UK) LIMITED

FILTROS (UK) is a brand name which is synonymous with quality.

Our's is a technology focused company, specializing in the development of wide range of filtration media products.

Our India office is represented by Filtros India (Unit of Neeraj Exports) Jaipur - 302016 Rajasthan.

PRODUCT RANGE

We offer mainly following filtration products under our brand FILTROS (UK).

(A) Quantitative Filter Paper-ashless grades
(B) Quantitative Filter Paper-hardened ashless grades
(C) Quantitative Filter Paper-hardened low ash grades
(D) Quantitative Filter Paper-low ash grades
(E) Ashless Clipping
(F) Qualitative Filter Papers
(G) Glass Micro Fiber Filters
(H) Paper For Chromatography
(I) Cellulose Extraction Thimbles
(J) Glass Fiber Extraction Thimbles
(K) Seed Germination Paper
(L) Syringe Filters
(M) Membrane Filters

MARKETING SETUP

Our filtration products are marketed in India through Neeraj Exports, who are equipped with state of the art converting facility and technical setup and will assist you in development of a specific product as per your requirement.
Neeraj Exports have a wide network of dealers in all 4 regions of India.

We cater's to even small requirements of customers, who can choose and select from our wide range of filtration products.
Our products are used by leading research universities, medical companies & industrial and research laboratories.

QUALITY STANDARDS

Our products enjoy an image of assured consistency and are of high quality backed by in-house research and expertise.

For all our products we generate batch number & Certificate of Analysis for each batch assuring the highest international quality standards.

Certificate of Analysis is available for all our products.

CERTIFICATION

All our Products are CE certified.
Manufacturing & converting unit of Neeraj Exports is Certified under ISO 9001 : 2015, & (GMP) Good Manufacturing Practice.
Neeraj Exports are also registered under S.S.I.
We are also registered on GEM (Government e-market) place.

FILTROS UK

ISO CERTIFICATE



Certificate of Registration

This is to certify that the

Quality Management System

of

NEERAJ EXPORTS

FILTROS INDIA

at

CORPORATE OFFICE: 206, SIDDHA REGAL BUILDING, D-262, DEVI MARG, BANIPARK, JAIPUR – 302016, RAJASTHAN, INDIA
WORKS : PLOT NO. 136/1, RAMSINGHPURA BASS, SANGANER, JAIPUR-302029, RAJASTHAN, INDIA

has been independently assessed and is compliant with the requirements of:

ISO 9001:2015

For the following scope of activities:

1. MANUFACTURING AND SUPPLY OF FILTROS UK BRAND CELLULOSE FILTER PAPERS, GLASS MICROFIBER FILTERS, CELLULOSE THIMBLES, GLASS MICRO FIBER THIMBLES, PAPERS FOR CHROMATOGRAPHY, SYRINGE FILTERS, MEMBRANE FILTERS, PH TEST PAPERS AND OTHER LABORATORY PRODUCTS.
2. PAPER & BOARD STATIONARY AND ART & CRAFT PRODUCTS

Certificate Number: UQ - 2025022215

Validity of this certificate can be verified at www.ukcertifications.org.uk/verify

Date of Certification	22nd February 2025
1st Surveillance Audit Due	21st February 2026
2nd Surveillance Audit Due	21st February 2027
Certificate Expiry	21st February 2028

Authorised Signatory

UKAF

UK Certification & Inspection Ltd.

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71-75 Shelton Street, Covent Garden, London, WC2H 9JQ, United Kingdom
Website:- www.ukcertifications.org.uk, email:- info@ukcertifications.org.uk
Company No. 11847851



Certificate of Compliance

This is to certify that the

NEERAJ EXPORTS
FILTROS INDIA

at

CORPORATE OFFICE: 206, SIDDHA REGAL BUILDING, D-262, DEVI MARG, BANIPARK, JAIPUR – 302016, RAJASTHAN, INDIA
WORKS : PLOT NO. 136/1, RAMSINGHPURA BASS, SANGANER, JAIPUR-302029, RAJASTHAN, INDIA

has been assessed and found working satisfactorily as per the norms of

Good Manufacturing Practice (GMP)

For the following scope of activities: applied to its products

1. MANUFACTURING AND SUPPLY OF FILTROS UK BRAND CELLULOSE FILTER PAPERS, GLASS MICROFIBER FILTERS, CELLULOSE THIMBLES, GLASS MICRO FIBER THIMBLES, PAPERS FOR CHROMATOGRAPHY, SYRINGE FILTERS, MEMBRANE FILTERS, PH TEST PAPERS AND OTHER LABORATORY PRODUCTS.
2. PAPER & BOARD STATIONARY AND ART & CRAFT PRODUCTS

Certificate Number: UQ - 2025022511

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Certificate Expiry	21st February 2028

Authorised Signatory

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GOOD MANUFACTURING PRACTICE GMP

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Website:- www.ukcertifications.org.uk, email:- info@ukcertifications.org.uk
Company No. 11847851

FILTROS UK

CE CERTIFICATE



Certificate of Compliance

CE

We hereby declare that the technical files of all the items in each product group of complied with the requirements of the Council Directive on Medical Devices 93/42/EEC as Amended 2007/47/EC.

Certificate No.: CE-4154

Manufacturer

Name : **NEERAJ EXPORTS**
FILTROS INDIA

Address : **CORPORATE OFFICE: 206, SIDDHA REGAL BUILDING, D-262, DEVI MARG, BANIPARK, JAIPUR – 302016, RAJASTHAN, INDIA**
WORKS : PLOT NO. 136/1, RAMSINGHPURA BASS, SANGANER, JAIPUR-302029, RAJASTHAN, INDIA

Brand Name : **FILTROS UK**

Products : **CELLULOSE FILTER PAPERS, GLASS MICROFIBER FILTERS, CELLULOSE THIMBLES, GLASS MICRO FIBER THIMBLES, PAPERS FOR CHROMATOGRAPHY, SYRINGE FILTERS, MEMBRANE FILTERS, PH TEST PAPERS AND OTHER LABORATORY PRODUCTS.**

PAPER & BOARD STATIONERY AND ART & CRAFT PRODUCTS.

Complies with the requirements applicable to it

The quality system file has been assessed, approved and is subject to continuous surveillance according to the Council Directive on Personal Protective Equipment Regulation (EU) 2016/425.

This certificate is issued under the following conditions:

1. It applies only to the quality system maintained in the manufacture of above referenced models and it does not substitute the design or type-examination procedures, if requested.
2. The certificate remains valid until the manufacturing conditions or the quality systems are not changed.
3. The certificate validity is conditioned by positive results of surveillance audits.

The CE mark as shown above can be used, under the responsibility of the manufacturer, after completion of an EC Declaration of conformity and compliance with all relevant EC Directives. The statement is based on a single evaluation of one sample of above mentioned product. It does not imply an assessment of the whole production.

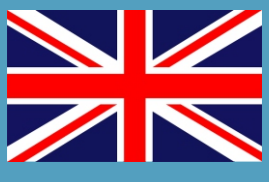
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Date of Certification	06th April 2023
1st Surveillance Audit Due	05th April 2024
2nd Surveillance Audit Due	05th April 2025
Certificate Expiry (subject to the company maintaining its system to the required standard)	05th April 2026

Authorised Signatory

UK Certification & Inspection Ltd.

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Website:- www.ukcertifications.org.uk, email:- info@ukcertifications.org.uk
Company No. 11847851



भारत सरकार
Government of India
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय
Ministry of Micro, Small and Medium Enterprises

सूक्ष्म , लघु एवं मध्यम उद्यम
MICRO, SMALL & MEDIUM ENTERPRISES

UDYAM REGISTRATION CERTIFICATE



TYPE OF ENTERPRISE	MICRO	MANUFACTURING
UDYAM REGISTRATION NUMBER	UDYAM-RJ-17-0029117	
NAME OF ENTERPRISE	M/S NEERAJ EXPORTS	
SOCIAL CATEGORY OF ENTREPRENEUR	General	

NAME OF UNITS

SNo.	Udyog Aadhaar Memorandum	Units Name
1	RJ17A0034267	NEERAJ EXPORTS
2		FILTROS INDIA

OFFICAL ADDRESS OF ENTERPRISE

Flat/Door/Block No.	206	Name of Premises/ Building	SIDDHA REGAL APARTMENT
Village/Town	BANIPARK	Block	D 262
Road/Street/Lane	DEVI MARG	City	JAIPUR
State	RAJASTHAN	District	JAIPUR , Pin 302016
Mobile	9829744716	Email:	CREATIVEPAPERSGROUP@YAHOO.IN

DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE	21/07/2010
DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS	02/03/2012

NATIONAL INDUSTRY CLASSIFICATION CODE(S)

SNo.	NIC 2 Digit	NIC 4 Digit	NIC 5 Digit	Activity
1	17 - Manufacture of paper and paper products	1701 - Manufacture of pulp, paper and paperboard	17016 - Manufacture of paper board, straw board	Manufacturing
2	17 - Manufacture of paper and paper products	1702 - Manufacture of corrugated paper and paperboard and containers of paper and paperboard	17021 - Manufacture of corrugated paper and paperboard	Manufacturing
3	32 - Other manufacturing	3290 - Other manufacturing n.e.c.	32909 - Manufacture of other articles n.e.c.	Manufacturing

DATE OF UDYAM REGISTRATION	28/11/2020

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For any assistance, you may contact:

1. DIC **JAIPUR URBAN**
2. MSME-DI **JAIPUR**

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TECHNICAL PARAMETERS OF FILTER PAPERS

01. BASIS WEIGHT (GRAMMAGE)

Unit of Measurement : g/m^2

Expresses the weight in grams of a square meter of manufactured paper.

Standard applied: UNE-EN-ISO 536:1995 according to which a sample of paper between 500 and 1000 mm is weighed on precision scale with a margin of error of 0.5%. Later, the area is calculated and the weight in grams is determined. g = (m/A) x 10.000 where: m is the mass of the sample in g & A is the area of the sample in cm^2

02. THICKNESS

Unit of measurement : mm.

It is the distance between both faces of the paper

Standard applied: UNE-EN 20534 ISO 534:1988.

To determine this parameter, micrometer is used to test static load

03. ASH CONTENT

Unit of measurement : %

Calculated from the difference of weight between the calcination residue obtained with a muffle at 800^0c in a platinum or porcelain crucible and the 10 grams sample of filter paper completely free of moisture according to the calculation.

Standard applied: UNE 57019

04. PORE SIZE

Standard applied : µm.

The pore is calculated by the medium valued obtained with a pore measurer.

It is a parameter used in filter paper

05. KLEMM METHOD (CAPILLARY RISE OF THE WATER)

Unit of measurement : mm/10min.

The capillary rise according to Klemm indicates how far a strip of filter paper is moistened in 10 min when vertically dipped with one end into distilled water (20 °C).

06. PARTICLE RETENTION

Unit of measurement : µm.

Corresponds to the lower measurement of the size of the particles stopped by the filter.

This parameter is very much used in filters with considerable capacity for depth retention of particles by various physical and chemical means (glass and quartz micro fiber most of all).

particle retention refers to the efficiency of filter papers in retaining certain precipitates. It is characterised by the permeability of the paper for precipitates of iron (III) oxhydrate, lead sulphate, calcium oxalate and barium sulphate.

07. DRY BURSTING STRENGTH

For determination of the dry bursting strength the paper is clamped over a rubber diaphragm with an area of 10 cm^2. The strain on the paper is then increased by applying an increasing air pressure, until the paper bursts. The dry bursting strength is measured accordance with DIN 53113 is stated in Kpa.

08. TENSILE STRENGTH

For determination of the tensile strength a paper strip (measuring 180x15 mm) is subjected to vertical strain by applying increasing weight. The force expanded at the moment of tearing represents the tensile strength. Results are expressed in N/15 mm.

09. FILTRATION SPEED

For determination of the filtration speed in accordance with DIN 53137, the duration of flow of 10 ml distilled water through a quadrant-folded, freely suspended filter circle of 12.5 cm diameter is measured.
Results are expressed in seconds.

10. WET STRENGTH

The wet strength of a paper is a measure for the mechanical stability of a paper in a wet or moist condition. For example, it can be determined as the tensile strength or the bursting strength (see above).



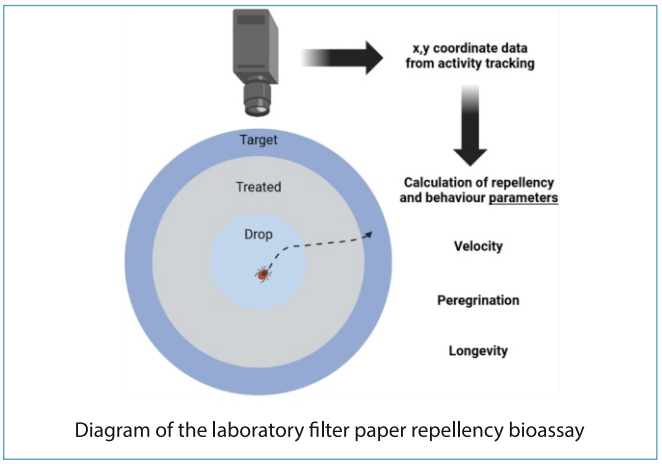


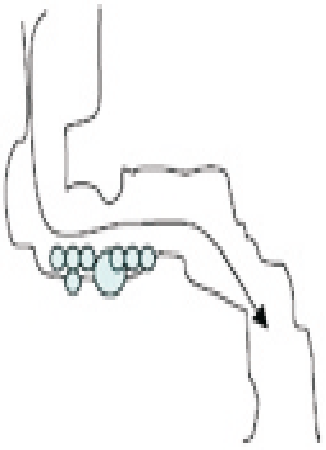
Diagram of the laboratory filter paper repellency bioassay

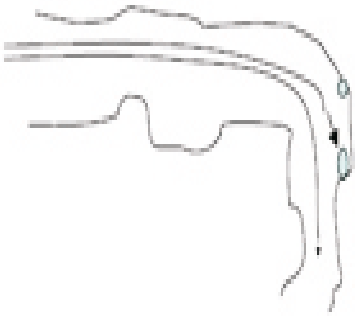


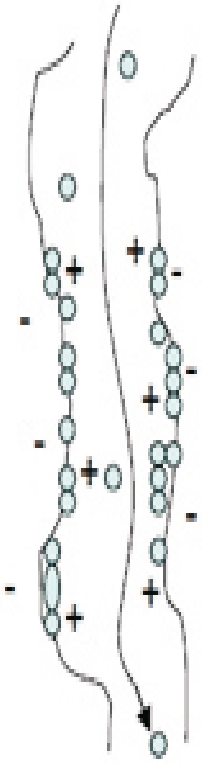


INTRODUCTION OF FILTRATION MECHANISM

Mechanism of filtration







Depth retention

Refers to mechanism of retention produced inside. Some of the most important processes are as under:-

Electrostatic absorption

According to the porosity of the filter fibers and of the particles that must go through it, which makes these particles adhere to the fiber walls and particles smaller that the size indicated in the specifications of the filter are retained.

Effects of inertia

Some particle will literally remain stuck inside the network of fibers due to the high kinetic energy with which they penetrate the pores of the frame.

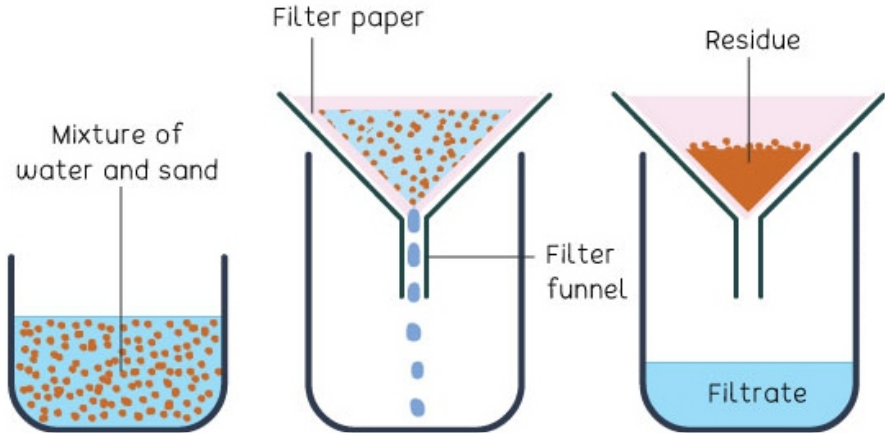
Sedimentation

The particles can be captured by the filter network and deposited by gravity in somewhere of the interior space formed by the fibers.

In any case, the efficiency of retention of a filter paper is also determined by the other factors related to the liquid, which can be pH value, the viscosity and concentrations of the liquid to be filtered as well as the form and composition of the particles in suspension in it.

Other causes or properties of the filter also affect the efficiency of retention: level of refinement of the cellulose fibers, resistance to the moist state of the filter, thickness, nature of the surface, etc.

So due to the extremely complex mechanisms on which filtration depends, it is sometimes impossible to theoretically determine the most adequate filter for filtrations. It is at this moment when, in the case of difficult filtration, it is essential to do some comparative testing of filtration between various samples of filter paper according to the parameters of retention that we need.



GENERAL PROPERTIES OF FILTROS (UK) FILTER PAPERS

Grade	Ref. Grade	Pore Size	Filtration Speed	Initial Filtration Speed (Secs/100 ml) Herzberg Method	Ash %	Grammage gr/m²	Thickness mm	Particle Retention (Liquid) (µm)
Qualitative Filter Papers								
2001	1	11 µm	Medium	145-160	≤ 0.08	87-90	0.18	11
2002	2	8 µm	Medium Slow	230-250	≤ 0.08	97-100	0.20	8
2003	3	6 µm	Medium Slow	320-340	≤ 0.08	180-190	0.39	6
2004	4	22 µm	Fast	35-40	≤ 0.08	90-95	0.20	22
2005	5	2.5 µm	Very Slow	1850-1900	≤ 0.08	98-100	0.20	2.5
2006	6	3 µm	Slow	710-720	≤ 0.1-0.2	98-100	0.18	3
Quantitative Filter Paper-ashless grades								
1040	40	8 µm	Medium Slow	325-350	≤ 0.007	88-92	0.18	8
1041	41	22 µm	Fast	50-55	≤ 0.007	84-86	0.21	22
1042	42	2.5 µm	Very Slow	1850-1900	≤ 0.007	98-100	0.19	2.5
Quantitative Filter Paper-hardened low ash grades								
1050	50	2.7 µm	Very Slow	2650-2750	≤ 0.020	98-100	0.20	2.7
1052	52	7 µm	Medium Slow	225-250	≤ 0.020	97-98	0.20	7
1054	54	22 µm	Fast	35-40	≤ 0.020	90-95	0.20	22
Quantitative Filter Paper-hardened ashless grade								
2540	540	8 µm	Medium Slow	190-210	≤ 0.007	85-87	0.18	8
2541	541	22 µm	Fast	35-40	≤ 0.007	82-84	0.18	22
2542	542	2.7 µm	Very Slow	2450-2550	≤ 0.007	98-100	0.17	2.7
Quantitative Filter Paper-low ash grades								
2040	40	8 µm	Medium Slow	250-300	≤ 0.08	95-97	0.20	8
2041	41	22 µm	Fast	40-45	≤ 0.08	90-95	0.21	20
2042	42	2.5 µm	Very Slow	1850-1900	≤ 0.08	100-102	0.20	2.5
Glass Microfiber Filters - without Binder								
GFAA	GF/A	1.6 µm	67	67	NA	53	0.220	1.6
GFBB	GF/B	1.0 µm	190	190	NA	127	0.500	1.0
GFCC	GF/C	1.2 µm	112	112	NA	51	0.280	1.2
GFDD	GF/D	2.7 µm	42	42	NA	143	0.800	2.7
GFFF	GF/F	0.7 µm	163	163	NA	75	0.550	0.7
MEPM 2000	EPM 2000	2.0 µm	NA	NA	NA	80	0.45	2.0
GFAH 6	934 - AH	1.5 µm	47	47	NA	64	0.33	1.5

QUANTITATIVE FILTER PAPER ASHLESS GRADES

Quantitative filters are designed for gravimetric analysis and the preparation of samples for instrument analysis.



Grade 1040 (Ref. Grade - 40)

Ashless filter paper with **Medium Speed** and retention are suitable for gravimetric analysis for numerous components in cements, clays, iron, and steel products, as a primary filter for separation solid matter from aqueous extracts in general soil analysis, quantitative determination of sediments in milk.

Grade 1041 (Ref. Grade - 41)

Ashless filter paper with **Fast Speed** recommended for analytical procedures involving coarse particles or gelatinous precipitates (e.g. iron of aluminum hydroxides).
Also used in quantitative air pollution analysis as a paper tape for impregnation when determining gaseous compounds at high flow rates.

Grade 1042 (Ref. Grade - 42)

Ashless filter paper with **Slow Speed** are used for critical gravimetric analysis with the finest particle retention also for typical analytical precipitates include barium sulfate, metastannic acid, and finely precipitated calcium carbonate.

Grade 1043 (Ref. Grade - 43)

Ashless filter paper with **Medium Fast Speed** are used for typical applications include foodstuffs analysis, soil analysis, particle collection in air pollution monitoring for subsequent analysis by XRF techniques, and inorganic analysis in the construction, mining, and steel industries.

Grade 1044 (Ref. Grade - 44)

Ashless filter paper with **Slow Speed** are used for thin version of grade 42 retaining very fine particles but with lower ash weight sample and almost twice the flow rate.





QUANTITATIVE FILTER PAPER ASHLESS GRADES

Type	Grade	Ref. Grade	Product Code	Size in mm	Circles/Sheets Per Pack
Ashless Quantitative	1040	40	1040-12.7-400C	12.7	400
Ashless Quantitative	1040	40	1040-090-100C	90	100
Ashless Quantitative	1040	40	1040-110-100C	110	100
Ashless Quantitative	1040	40	1040-125-100C	125	100
Ashless Quantitative	1040	40	1040-150-100C	150	100
Ashless Quantitative	1040	40	1040-185-100C	185	100
Ashless Quantitative	1040	40	1040-4657-100S	460x570	100
Ashless Quantitative	1041	41	1041-041-100C	41	100
Ashless Quantitative	1041	41	1041-090-100C	90	100
Ashless Quantitative	1041	41	1041-110-100C	110	100
Ashless Quantitative	1041	41	1041-125-100C	125	100
Ashless Quantitative	1041	41	1041-150-100C	150	100
Ashless Quantitative	1041	41	1041-185-100C	185	100
Ashless Quantitative	1041	41	1041-4657-100S	460x570	100
Ashless Quantitative	1042	42	1042-090-100C	90	100
Ashless Quantitative	1042	42	1042-110-100C	110	100
Ashless Quantitative	1042	42	1042-125-100C	125	100
Ashless Quantitative	1042	42	1042-150-100C	150	100
Ashless Quantitative	1042	42	1042-185-100C	185	100
Ashless Quantitative	1042	42	1042-240-100C	240	100
Ashless Quantitative	1042	42	1042-4657-100S	460x570	100
Ashless Quantitative	1043	43	1043-110-100C	110	100
Ashless Quantitative	1043	43	1043-125-100C	125	100
Ashless Quantitative	1044	44	1044-110-100C	110	100
Ashless Quantitative	1044	44	1044-125-100C	125	100

More Information and Prices for other Quantitative Grades will be quoted on Request.

ASHLESS CLIPPING

Type	Product Code	Weight
Ashless Clipping	2703-500G	500g/PK

QUANTITATIVE FILTER PAPER
HARDENED ASHLESS GRADES

These filter papers exhibit high wet strength and chemical resistance and are acid hardened, which reduces ash to an extremely low level. their tough surfaces make then suitable for a wide range of critical analytical filtration operations.



Grade 2540 (Ref. Grade - 540)

Hardened ashless filter paper with **Medium Slow Speed** and flow rate. Extremely pure and strong with a hard surface. High chemical resistance to strong acid and alkali. Frequently used in the gravimetric analysis of metals in acid/alkali solutions and in collecting hydroxides after precipitation by strong alkalis.

Grade 2541 (Ref. Grade - 541)

Hardened ashless filter paper with **Fast Speed** and flow rate. Extremely pure and strong with a hard surface.

Grade 2542 (Ref. Grade - 542)

Hardened ashless filter paper with **Very Slow Speed** and flow rate. Very hard and strong with excellent chemical resistance. Often used in gravimetric metal determinations.



Type	Grade	Ref. Grade	Product Code	Size in mm	Circles/Sheets Per Pack
Hardened Ashless	2540	540	2540-110-100C	110	100
Hardened Ashless	2540	540	2540-125-100C	125	100
Hardened Ashless	2540	540	2540-150-100C	150	100
Hardened Ashless	2541	541	2541-110-100C	110	100
Hardened Ashless	2541	541	2541-125-100C	125	100
Hardened Ashless	2541	541	2541-150-100C	150	100
Hardened Ashless	2542	542	2542-110-100C	110	100
Hardened Ashless	2542	542	2542-125-100C	125	100
Hardened Ashless	2542	542	2542-150-100C	150	100

More Information and Prices for other Quantitative Grades will be quoted on Request.

QUANTITATIVE FILTER PAPER HARDENED LOW ASH GRADES

The maximum ash content of these grades is intermediate between ashless and qualitative grades. They are particulary suitable for Büchner filtration where it is desirable to recover the precipitate from the filter surface after filtration.



Grade 1050 (Ref. Grade - 50)

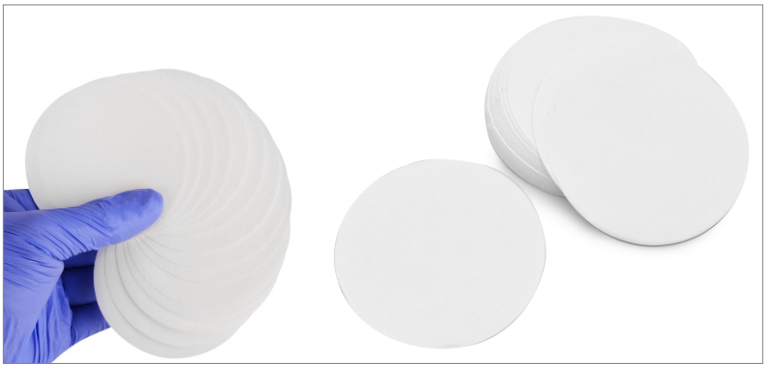
Hardened low ash filter paper with **Very Slow Speed**. These filter paper have a hardened and highly glazed surface which also keeps the paper free from loose surface fibers. Highly suitable for qualitative or quantitative filtrations requiring vacuum assistance on Büchner or 3-piece filter funnels.

Grade 1052 (Ref. Grade - 52)

Hardened low ash filter paper with **Medium Slow Speed** With very hard surface.

Grade 1054 (Ref. Grade - 54)

Hardened low ash filter paper with **Fast Speed** and high wet strength makes this grade very suitable for vacuum assisted fast filtration of difficult coarse or gelatinous precipitates.



Type	Grade	Ref. Grade	Product Code	Size in mm	Circles/Sheets Per Pack
Hardened Low Ash	1050	50	1050-090-100C	90	100
Hardened Low Ash	1050	50	1050-110-100C	110	100
Hardened Low Ash	1050	50	1050-125-100C	125	100
Hardened Low Ash	1050	50	1050-150-100C	150	100
Hardened Low Ash	1050	50	1050-185-100C	185	100
Hardened Low Ash	1052	52	1052-110-100C	110	100
Hardened Low Ash	1052	52	1052-125-100C	125	100
Hardened Low Ash	1054	54	1054-110-100C	110	100
Hardened Low Ash	1054	54	1054-125-100C	125	100
Hardened Low Ash	1054	54	1054-150-100C	150	100
Hardened Low Ash	1054	54	1054-185-100C	185	100
Hardened Low Ash	1054	54	1054-4657-100S	460x570	100

More Information and Prices for other Quantitative Grades will be quoted on Request.

LOW ASH FILTER PAPERS

(Recommended for Low Ash Filter Paper analysis with high level precision)









Grade 2040 (Ref. Grade - 40)

Low ash filter paper with **Medium Slow Speed** slightly more retentive and absorbent with a corresponding increase in filtration time.

Grade 2041 (Ref. Grade - 41)

Low ash filter paper with **Fast Speed**. Excellent retention of coarse particles and gelatinous precipitates such as ferric hydroxide and aluminum hydroxide.

- Very useful as a rapid filter for routine clean-up of biological fluids or organic extracts during analysis.
- Used when high flow rates in air pollution monitoring air required and the collection of fine particles is not critical.

Grade 2042 (Ref. Grade - 42)

Low ash filter paper with **Very Slow Speed**. The maximum degree of fine particle filtration.

Capable of retaining the fine precipitates encountered in chemicals analysis.

- Excellent clarifying filter for cloudy suspensions and for water and soil analysis.



LOW ASH FILTER PAPERS

Type	Grade	Ref. Grade	Product Code	Size in mm	Circles/Sheets Per Pack
Low Ash Filter Paper	2040	40	2040-090-100C	90	100
Low Ash Filter Paper	2040	40	2040-110-100C	110	100
Low Ash Filter Paper	2040	40	2040-125-100C	125	100
Low Ash Filter Paper	2040	40	2040-150-100C	150	100
Low Ash Filter Paper	2040	40	2040-4657-100S	460 x 570	100
Low Ash Filter Paper	2041	41	2041-090-100C	90	100
Low Ash Filter Paper	2041	41	2041-110-100C	110	100
Low Ash Filter Paper	2041	41	2041-125-100C	125	100
Low Ash Filter Paper	2041	41	2041-150-100C	150	100
Low Ash Filter Paper	2041	41	2041-4657-100S	460 x 570	100
Low Ash Filter Paper	2042	42	2042-090-100C	90	100
Low Ash Filter Paper	2042	42	2042-110-100C	110	100
Low Ash Filter Paper	2042	42	2042-125-100C	125	100
Low Ash Filter Paper	2042	42	2042-150-100C	150	100
Low Ash Filter Paper	2042	42	2042-4657-100S	460 x 570	100

More Information and Prices for other Low Ash Filter Paper Grades will be quoted on Request.







QUALITATIIVE FILTER PAPERS

(Recommended for Qualitative analysis with high level precision)

These cellulose filters are used in qualitative techniques to determine and identify materials.











Grade 2001 (Ref. Grade - 1)

Qualitative filter paper with **(Medium Speed)** are used filter paper for routine applications with medium retention and flow rate. This grade covers a wide range of laboratory applications and is frequently used for clarifying liquids.

- In agriculture, it is used for soil analysis and seed testing procedures.
- In the food industry, Grade 1 is used for numerous routine techniques to separate solid foodstuffs from associated liquid, or extracting liquid and is widely used in education for teaching simple qualitative analytical separations.

Grade 2002 (Ref. Grade - 2)

Qualitative filter paper with **(Medium Slow)** speed slightly more retentive and absorbent than Grade1, with a corresponding increase in filtration time.

Grade 2003 (Ref. Grade - 3)

Qualitative filter paper with **(Medium Slow)** speed double the thickness of Grade 1, with still finer particle retention and excellent loading capacity.

- The extra thickness given increased wet strength and makes this grade highly suitable for use in Buchner funnels.

Grade 2004 (Ref. Grade - 4)

Qualitative filter paper with **(Fast)** filtration speed excellent retention of coarse particles and gelatinous precipitates such as ferric hydroxide and aluminum hydroxide.

- Very useful as a rapid filter for routine clean-up of biological fluids or organic extracts during analysis.

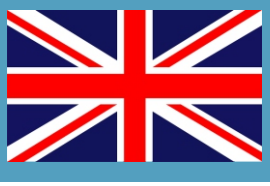
Grade 2005 (Ref. Grade - 5)

Qualitative filter paper with **(Very Slow)** filtration speed maximum degree of fine particle filtration in the qualitative range.

- Excellent clarifying filter for cloudy suspensions and for water and soil analysis.

FILTROS™ UK

QUALITATIIVE FILTER PAPERS



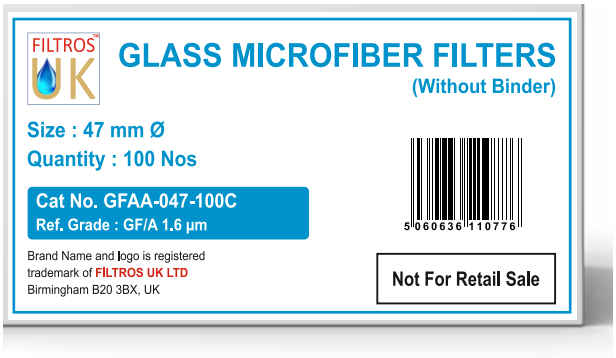
Type	Grade	Ref. Grade	Product Code	Size in mm	Circles/Sheets Per Pack
Qualitative	2001	1	2001-025-400C	25	400
Qualitative	2001	1	2001-047-100C	47	100
Qualitative	2001	1	2001-070-100C	70	100
Qualitative	2001	1	2001-090-100C	90	100
Qualitative	2001	1	2001-110-100C	110	100
Qualitative	2001	1	2001-125-100C	125	100
Qualitative	2001	1	2001-150-100C	150	100
Qualitative	2001	1	2001-185-100C	185	100
Qualitative	2001	1	2001-240-100C	240	100
Qualitative	2001	1	2001-320-100C	320	100
Qualitative	2001	1	2001-824-500S	75x100	500
Qualitative	2001	1	2001-3234-100S	320x340	100
Qualitative	2001	1	2001-4657-100S	460x570	100
Qualitative	2001	1	2001-4657-500S	460x570	500
Qualitative	2001	1	2001-5858-100S	580x580	100
Qualitative Petroleum	2002	2	2002-090-100C	90	100
Qualitative	2002	2	2002-110-100C	110	100
Qualitative	2002	2	2002-125-100C	125	100
Qualitative	2002	2	2002-150-100C	150	100
Qualitative	2002	2	2002-4657-100S	460x570	100
Qualitative	2003	3	2003-090-100C	90	100
Qualitative	2003	3	2003-110-100C	110	100
Qualitative	2003	3	2003-125-100C	125	100
Qualitative	2003	3	2003-150-100C	150	100
Qualitative	2003	3	2003-4657-100S	460x570	100
Qualitative	2004	4	2004-090-100C	90	100
Qualitative	2004	4	2004-110-100C	110	100
Qualitative	2004	4	2004-125-100C	125	100
Qualitative	2004	4	2004-150-100C	150	100
Qualitative	2004	4	2004-185-100C	185	100
Qualitative	2004	4	2004-240-100C	240	100
Qualitative	2004	4	2004-4657-100S	460x570	100
Qualitative	2005	5	2005-110-100C	110	100
Qualitative	2005	5	2005-125-100C	125	100
Qualitative	2006	6	2006-110-100C	110	100
Qualitative	2006	6	2006-125-100C	125	100
Qualitative	2006	6	2006-4657-100S	460x570	100
Qualitative	2113	113	2113-090-100C	090	100
Qualitative	2113	113	2113-125-100C	125	100

More Information and Prices for other Qualitative Grades will be quoted on Request.

GLASS MICROFIBER FILTERS BINDER FREE

(Recommended in analysis of air and water according to international standards)

Filtros (UK) Glass micro fiber filter are primarily available in 6 grades.



Grade GFAA (Ref. Grade - GF/A)

Filters for pollution monitoring

This grade filter paper offers fine particle retention and high flow rate, as well as good loading capacity.

- Used for high-effciency general purpose laboratory filtration, including water pollution monitoring of effluents, for filtration of water, along and bacteria cultures, food stuff analyses, protein filtration, and radioimmunoassay of weak B emitters.
- Recommended for gravimetric determination of airborne particulates, stack sampling, and absorption methods of air pollution monitoring.

Grade GFBB (Ref. Grade - GF/B)

Three times thicker than GF/A with higher wet strength and significantly increased loading capacity. Combines fine particle retention with good flow rate. Particularly useful where liquid clarification or solids quantification is required for heavily-loaded, fine particulate suspensions.

Can be used as a finely retention membrane prefilter.

Grade GFCC (Ref. Grade - GF/C)

Combines fine particle retention with good flow rate. Fast and efficient clarification of aqueous liquids containing low to medium levels of fine particulates. Widely used for cell harvesting, liquid scintillation counting, and binding assays where more loading capacity is required.

Grade GFDD (Ref. Grade - GF/D)

Considerably faster in flow rate and overall filtration speed than cellulose filter papers of similar particle retention. The filter is thick and consequently exhibits a high loading capacity.

- GF/D will provide good protection for finely retentive membranes.
- Can be used in combination with GF/B to provide very efficient grades prefilter protection for membranes.

Grade GFFF (Ref. Grade - GF/F)

This high-efficiency filter will retain fine particles down to 0.7 µm. Recommended for nucleic acid binding and purification. Very effective in filtering finely precipitated proteins, GF/F can be used in conjunction with GF/Das a prefilter for the successful clarification of extremely difficult biochemical solution and fluids, and nucleic acids.

Grade GFFAH 6 (Ref. Grade - 934-AH)

This is a smooth surface. high retention borosilicate glass microfiber filter, which has been pre-fired and withstands temperatures over 550°C. Grade 934-AH is used for a wide range of laboratory applications.

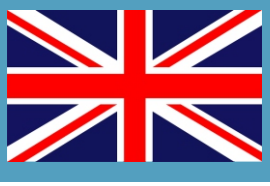
- Used for determining total suspended solids in water, removal of turbidity, and filtration of bacterial cultures.
- Recommended for water pollution monitoring, cell harvesting, liquid scintillation counting, and air pollution monitoring.

Grade MEPM 2000 (Ref. Grade-EPM2000)

It is manufactured from 100% pure borosilicate glass of special purity, and pre-fired to enable the detailed chemical analysis of trace pollutants with the minimum of interference or background.

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GLASS MICROFIBER FILTERS BINDER FREE



Grade	Ref. Grade	Product Code	Size in mm	Circles/Sheets Per Pack
GFAA	GF/A	GFAA-081 -100S	203x254	100
GFAA	GF/A	GFAA-025 -100C	25	100
GFAA	GF/A	GFAA-037 -100C	37	100
GFAA	GF/A	GFAA-047 -100C	47	100
GFAA	GF/A	GFAA-055 -100C	55	100
GFAA	GF/A	GFAA-070 -100C	70	100
GFAA	GF/A	GFAA-090 -100C	90	100
GFBB	GF/B	GFBB-025 -100C	25	100
GFBB	GF/B	GFBB-047 -100C	47	100
GFBB	GF/B	GFBB-090 -50C	90	**050**
GFCC	GF/C	GFCC-025 -100C	25	100
GFCC	GF/C	GFCC-037 -100C	37	100
GFCC	GF/C	GFCC-047 -100C	47	100
GFCC	GF/C	GFCC-055 -100C	55	100
GFCC	GF/C	GFCC-070 -100C	70	100
GFCC	GF/C	GFCC-090 -100C	90	100
GFCC	GF/C	GFCC-110 -100C	110	100
GFCC	GF/C	GFCC-125 -100C	125	100
GFCC	GF/C	GFCC-150 -100C	150	100
GFDD	GF/D	GFDD-025 -100C	25	100
GFDD	GF/D	GFDD-037 -100C	37	100
GFDD	GF/D	GFDD-047 -100C	47	100
GFDD	GF/D	GFDD-070 -100C	70	100
GFDD	GF/D	GFDD-090 -50C	90	**050**
GFFF	GF/F	GFFF-025 -100C	25	100
GFFF	GF/F	GFFF-037 -100C	37	100
GFFF	GF/F	GFFF-047 -100C	47	100
GFFF	GF/F	GFFF-070 -100C	70	100
GFFF	GF/F	GFFF-090 -50C	90	**050**
MEPM 2000	EPM 2000	MEPM 2000-081 -100S	203 X 254	100
GFFAH 6	934-AH	GFFAH 6-42.5-100C	42.5	100
GFFAH 6	934-AH	GFFAH 6-047-100C	47	100
GFFAH 6	934-AH	GFFAH 6-055-100C	55	100
GFFAH 6	934-AH	GFFAH 6-070-100C	70	100
GFFAH 6	934-AH	GFFAH 6-125-100C	125	100

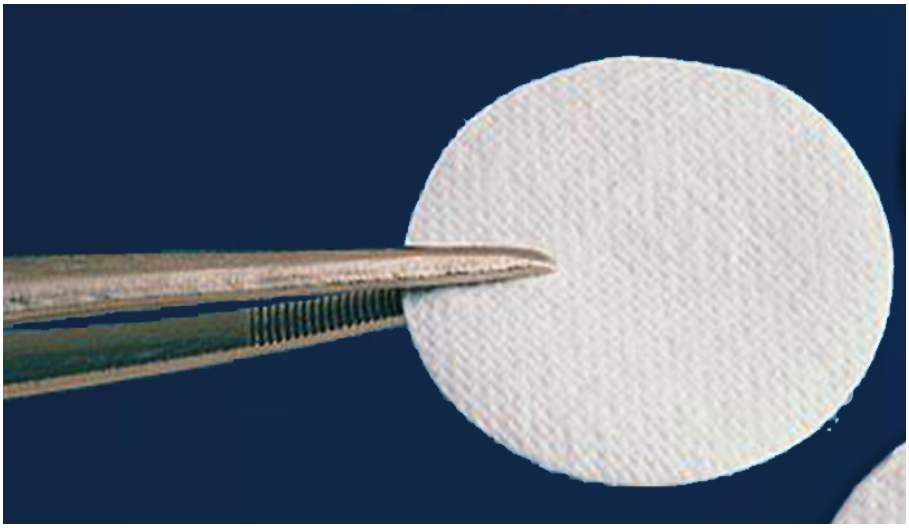
More information and Prices for other Grades will be quoted on request.

FILTROS™ UK

GLASS MICROFIBER FILTERS BINDER FREE

Product Specifications

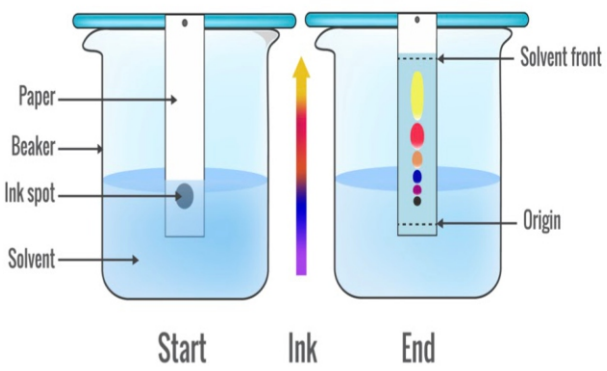
Types of Glass Fiber Filters					
Specifications	GFAA	GFBB	GFCC	GFDD	GFFF
Filtration Rating	1.6 µm	1 µm	1.2 µm	2.7 µm	0.7 µm
Material	Borosilicate Glass	Borosilicate Glass	Borosilicate Glass	Borosilicate Glass	Borosilicate Glass
Binder	Binder Free	Binder Free	Binder Free	Binder Free	Binder Free
Temperature	500°C	500°C	500°C	500°C	500°C
GSM (g/m²)	53 ± 2	127 ± 2	51 ± 2	143 ± 2	75 ± 2
Typical Thickness	220 ± 10 µm	500 ± 10 µm	280 ± 10 µm	800 ± 10 µm	550 ± 10 µm
Filtration Speed (Herzberg)	67 sec	190 sec	112 sec	42 sec	163 sec
Wetting Time	≤ 2 sec	≤ 2 sec	≤ 2 sec	≤ 2 sec	≤ 2 sec
Wettability	Fast Wet	Fast Wet	Fast Wet	Fast Wet	Fast Wet
Tensile Strength (Dry)	9 psi	18 psi	9 psi	18 psi	22 psi
Tensile Strength (Wet)	6 psi	14 psi	6 psi	10 psi	12 psi
Wet Strength	0.66	0.77	0.66	0.55	0.54
Capillary Rise (mm/min)	53 mm	48 mm	58 mm	89 mm	55 mm
DOP Retention	99.97%	99.97%	99.97%	99.97%	99.97%
Change in appearance	No crack or hole is observed when it is folded.				





PAPER FOR CHROMATOGRAPHY

(Specially made as a holder in an enormous type of chromatography)



DESCRIPTION

Filtros (UK) chromatography papers are made from pure cotton linters with an alpha cellulose content of 98% to ensure a low ash content and the virtual absence of metal contaminants.

Primary application is in the chromatography and electrophoresis.

The most important parameters that indicate the characteristics of the chromatographic papers are weight in grams, thickness and the speed of aspiration

Filtros (UK) chromatography papers are primarily available in 5 grades.

GRADE CH01 (Reference Grade 1 CHR)
FINE, MEDIUM ASPIRATION
* General chromatography works.
* Determination of the presence of malic acid in wine.
* Practices in high school and university labs.

GRADE CH02 (Reference Grade 2 CHR)
FINE, MEDIUM ASPIRATION
* General chromatography works.
* Determination of components by elution.

GRADE CH03 (Reference Grade 3 CHR)
MEDIUM, MEDIUM ASPIRATION
* Separation of organic compounds.
* Electrophoresis works.
* Chromatography with a high charge of solutes.
* Separation and identification of additives in food.

GRADE CH17 (Reference Grade 17 CHR)
THICK, MEDIUM ASPIRATION
* Electrophoresis with big molecular compounds.
* Analysis of proteins in serums.

GRADE CH20 (Reference Grade 20 CHR)
VERY THICK, QUICK ASPIRATION
* Electrophoresis with big molecular compounds.

TECHNICAL SPECIFICATIONS

Grade	Ref. Grade	Basis weight gr/m²	Thickness (mm)	Speed of aspiration mm/30 min
CH01	1 CHR	90	0.18	90-100
CH02	2 CHR	140	0.28	90-100
CH03	3 CHR	180	0.36	90-100
CH17	17 CHR	270	0.70	130-140
CH20	20 CHR	650	1.70	100-120

Grade	Ref. Grade	Product Code	Size in mm	No of sheets per pack
CH01	1 CHR	CH01-4657-100S	460x570	100
CH03	3 CHR	CH03-4657-100S	460x570	100

More information & prices for other grades will be quoted on request.

CELLULOSE EXTRACTION THIMBLES (Grade Ref. 603)

(Separation of compose made of solid material in extractors)





PRODUCT DESCRIPTION

Filtros (UK) Cellulose extraction thimbles are known for their purity and consistent high quality. Cellulose extraction thimbles are made from high alpha cellulose and have excellent mechanical strength and retention. We offer you thimbles with very accurate dimensions, that is matched exactly to those of the thimble holders to ensure optimum fit.

APPLICATIONS

These thimbles are widely used in Soxhlet extraction units and provide a safe, convenient and efficient method of solvent extraction of semi-solids and solids. Soxhlet extraction is a technique widely used for analysis of fats pesticides in food and soil materials and in many other procedures that involve soild- liquid extraction. Suitable for use in automatic extraction systems and Air monitoring especially in cold stack air monitoring. Extraction and quantification of components in industrial products: Paint, Animal fat, cosmetics, pavements, varnishes, lacquers etc.

TECHNICAL SPECIFICATIONS

Tolerances Internal Diameter : +0/-0.5mm
External Height : +/- 1mm Wall
Thickness : 1.5mm +/- 0.5mm
Ash Content : < 0.1 %

Product code	Size in mm	No of pieces per pack
FETH-1990	19X90	025
FETH-2660	26X60	025
FETH-2280	22X80	025
FETH-2580	25X80	025
FETH-2880	28X80	025
FETH-3080	30X80	025
FETH-3380	33X80	025
FETH-25100	25X100	025
FETH-28100	28X100	025
FETH-30100	30X100	025
FETH-30118	30X118	025
FETH-33118	33X118	025
FETH-35150	35X150	025
FETH-43123	43X123	025

GLASS FIBER EXTRACTION THIMBLES

PRODUCT DESCRIPTION

Filtros (UK) Glass micro fiber thimbles are made from high purity Borosilicate glass fibers. They are completely free from binders and additives hence can be used upto a temperature of 500 degree centigrade. We offer you thimbles with very accurate dimensions, they fit standard soxhlet extractors.

APPLICATIONS

These thimbles are widely used in Solvent extractions when the solvent is incompatible with cellulose thimbles. One of its major use is in stack monitoring because of its retention of 0.7 micron. Its typical thickness is 2.0mm.

TECHNICAL SPECIFICATIONS

Tolerances
Internal Diameter : +0/-0.5mm
External Height : +/- 1mm Wall Thickness : 2mm +/- 0.5mm
Penetration : < 0.002 % DOP
Max. Temp : 500 Degree Centigrade

Product code Grade Ref.603	Size in mm	No of pieces per pack
FGTH-1990	19X90	025

Prices for other grade and sizes will be quoted on request

SEED GERMINATION PAPERS

FILTROS (UK) seed testing papers have the characteristics required for germination substrate paper as follows:-

(A) Papers are made from pure cellulose and are sufficiently strong for the test and do not contain any substances which could influence the growth of seeds.
(B) These absorption papers store enough humidity for the entire test period.
(C) Their pH value is between 6.0 and 7.5

Colour : Brown
GSM : 135g/m^2
Wet Strength : Normal
Surface : Creped



Cat. No.	Size In (Inch)	Per Pack in Kg.
FSG 1218	12 x 18	10

SYRINGE FILTERS



Ø 13mm Ø 25mm Ø 33mm

Pore Size : 0.2µm 0.45µm

NYLON SYRINGE FILTERS



PTFE SYRINGE FILTERS



PVDF SYRINGE FILTERS



SYRINGE FILTERS CHEMICAL COMPATIBILITY CHART

Chart below shows the Chemical Compatibility of various types of syringe filters with some commonly used chemicals. All types membrane filter products were exposed to specified chemicals/reagents for 3 days at 25°C. Upshot: All products retain its Integrity after Chemical compatibility Test.

o = Recommended X = Not Recommended
* = Limited resistance – = No Data Available

SYRINGE FILTER CHEMICAL COMPATIBILITY CHART

Chemical		Cellulose acetate with PP Housing	Hydrophilic PVDF with PP Housing	Hydrophobic PTFE with PP Housing	Nylon with PP Housing
ACID	3 kmol/m³ Hydrochloric acid (10%, 3N)	*	0	0	*
	9 kmol/m³ Hydrochloric acid (30%, 9N)	x	0	0	x
	kmol/m³ Sulfuric acid (5%, 2N)	0	0	0	*
	4 kmol/m³ Sulfuric acid (20%, 8N)	x	0	0	x
	1 kmol/m³ Nitric acid (5%, 1N)	*	0	0	*
	5 kmol/m³ Nitric acid (20%, 5N)	x	*	*	x
	20% Acetic acid	0	0	0	0
	Glacial acetic acid	x	0	0	x
ACID	10% Hydrofluoric acid	x	0	0	x
	35% Hydrofluoric acid	x	0	0	x
	10% Chromic acid	*	*	*	*
	10% Phosphoric acid	0	0	0	*
ALKALIS	2.5 Kmol/m³ Sodium hydroxide (10%, 2.5N)	x	0	0	x
	2 Kmol/m³ Potassium hydroxide (10%, 2N)	x	0	0	0
	8 Kmol/m³ Aqueous ammonia (28%, 2N)	*	0	0	0
ALCOHOLS	Methyl alcohol	0	0	0	0
	Ethyl alcohol	0	0	0	0
	n-Propyl alcohol	0	0	0	0
	Isopropyl alcohol	0	0	0	0
	n-Butyl alcohol	0	0	0	0
	Amyl alcohol	0	0	0	0
	Benzyl alcohol	x	0	0	0
	Ethylene glycol	0	0	0	0
	glycerol	0	0	0	0
ETHERS	Ethyl ether	*	*	*	0
	Isopropyl ether	0	0	0	-
	Tetrahydrofuran(THF)	x	*	*	*
	Dioxane	x	*	*	0
ESTERS	Methyl acetate	x	*	*	0
	Ethyl acetate	x	*	*	-
	Butyl acetate	x	*	*	x
	Amyl acetate	*	*	*	-
KETONES	Acetone	x	0	0	0
	Methyl ethyl ketone (IMEK)	x	*	*	0
	Methyl isobutyl ketone (MIBK)	x	*	*	0
	Cyclohexanone	x	*	*	0
HYDROCARBONS	Benzene	*	*	*	*
	Toluene	*	*	*	*
	Xylene	*	*	*	*
	n-Hexane	*	*	*	0
	n-Gasoline	0	0	0	0
	Kerosene	*	*	*	0

FILTROS™ UK

SYRINGE FILTERS



Product Description Characteristics and Applications	Product Code	Size in MM	Pore size µm	No of Pcs. (Per pack)
NYLON (NY) SYRINGE FILTERS • Naturally hydrophilic, low extractable. • High protein binding capacity. • Strength and dimensional stability. • Sterilsation, clarification of aqueous and organic solvent solution.	Non Sterile			
	FNYSF 1302	13	0.2	100
	FNYSF 1345	13	0.45	100
	FNYSF 2502	25	0.2	100
	FNYSF 2545	25	0.45	100
	FNYSF 3302	33	0.2	50
	FNYSF 3345	33	0.45	50
	Sterile			
	FNYSFI 2545	25	0.45	50
CELLULOSE ACETATE (CA) SYRINGE FILTERS • Hydrophilic, Low Protein binding. • Uniform pore structure, consist flow rate. • Superior Strength and stability • Cell culture and Tissue culture media Sterilsation. • Protein & enzyme Filtration. • Biological Fluid Filtration Sterilsation.	Non Sterile			
	FCASF 1302	13	0.2	100
	FCASF 1345	13	0.45	100
	FCASF 2502	25	0.2	100
	FCASF 2545	25	0.45	100
	Sterile			
	FCASFI 2502	25	0.2	50
	FCASFI 3302	33	0.2	50
	FCASFI 3345	33	0.45	50
PVDF SYRINGE FILTERS • Hydrophilic, high binding Capacity. • Uniform pore structure, for selectivity. • Consistent High flow rate. • Sterilsation & Clarifying filtration organic Solutions. • Analytical sample Preparations. • Chromatography.	Non Sterile			
	FPVDFSF 1302	13	0.2	100
	FPVDFSF 1345	13	0.45	100
	FPVDFSF 2502	25	0.2	100
	FPVDFSF 2545	25	0.45	100
	Sterile			
	FPVDFSFI 2502	25	0.2	50
	FPVDFSFI2545	25	0.45	50
HYDROPHOBIC PTFE SYRINGE FILTERS • Naturally & hydrophobic. • Compatible with strong acids and aggressive solutions. • Improved durability & handling. • Filtration of strong acids & aggressive solutions. • Venting application. • Phase separation & Aerosol sampling.	Non Sterile			
	FPTFEHBSF 1302	13	0.2	100
	FPTFEHBSF 1345	13	0.45	100
	FPTFEHBSF 2502	25	0.2	100
	FPTFEHBSF 2545	25	0.45	100
	Sterile			
	FPTFEHBSFI 2502	25	0.2	50
	FPTFEHBSFI 2545	25	0.45	50
HYDROPHILIC PTFE SYRINGE FILTERS • Filtration of Samples of Aggressive Samples, Acids & Bases.	Sterile			
	FPTFESHLFI 3302	33	0.2	50
	FPTFESHLFI 3345	33	0.45	50

SYRINGE FILTERS



	Product Code	Size in MM	Pore size µm	No of Pcs. (Per pack)
HYDROPHILIC PTFE SYRINGE FILTERS • High Run Flow • Excellent Physical Resistance	Non Sterile			
	FPTFEHLSF 1302	13	0.2	100
	FPTFEHLSF 1302	13	0.45	100
	FPTFEHLSF 2502	25	0.2	100
	FPTFEHLSF 2545	25	0.45	100
PES SYRINGE FILTERS • High Velocity of Filtration. • Low level of Extractable.	Non Sterile			
	FPESSF 2502	25	0.2	100
	FPESSF 2545	25	0.45	100
	FPESSF 3302	33	0.2	50
	FPESSF 3345	33	0.45	50
	FPESSF 3380	33	0.80	50
	Sterile			
	FPESSFI 1302	13	0.2	100
	FPESSFI 1345	13	0.45	100
	FPESSFI 2502	25	0.2	50
	FPESSFI 2545	25	0.45	50
GLASS FIBER SYRINGE FILTERS • High retention efficiency of 99%. Useful for relatively dirty solutions are to be clarified or for pre-filtration. • For high throughput. sample cleaning. particle removal. • Can be used along or in series with another Filtros UK glass fiber syringe filters.	Non Sterile			
	FGFSY 1310	13	1.0	100
	FGFSY 2510	25	1.0	100
	FGFSY 3310	33	1.0	100
	FGFSY 2545	25	0.45	100

AIR VENT FILTERS

	Product Code	Size in MM	Pore size µm	No of Pcs. (Per pack)
PTFE AIR VENT FILTERS	Non Sterile			
	FPTFEAVF 5002	50	0.2	12

We can provide all grades & sizes of MEMBRANE, SYRINGE & AIR VENT Filters.
More information & prices for other grades will be quoted on request.

FILTROS UK

SYRINGE FILTERS

DOUBLE LAYERED SYRINGE FILTER (DL) - NON STERILE

Product Description

- Syringe filters with pre-filter (glass fiber filter) enhance the throughput rate by retention of particle > 2.0 micron size at pre filtration stage.
- Syringe filters with pre-filter (glass fiber filter) are suitable for highly turbid or milky solutions.
- They are widely applicable for filtration of colloidal solutions.
- Also used in the filtration of typical filter solution (viscous solutions)

DOUBLE LAYERED SYRINGE FILTER NYLON

Cat. No.	Size In (mm)	Pore Size	Glass Fiber Rating	Circles/Sheets Per Pack
FGFNYSF 1302	13	0.2 µm	1.00 µm	100
FGFNYSF 1345	13	0.45 µm	1.00 µm	100
FGFNYSF 2502	25	0.2 µm	1.00 µm	100
FGFNYSF 2545	25	0.45 µm	1.00 µm	100

DOUBLE LAYERED SYRINGE FILTER PVDF

Cat. No.	Size In (mm)	Pore Size	Glass Fiber Rating	Circles/Sheets Per Pack
FGFPVDFSF 1302	13	0.2 µm	1.00 µm	100
FGFPVDFSF 1345	13	0.45 µm	1.00 µm	100
FGFPVDFSF 2502	25	0.2 µm	1.00 µm	100
FGFPVDFSF 2545	25	0.45 µm	1.00 µm	100

DOUBLE LAYERED SYRINGE FILTER PES

Cat. No.	Size In (mm)	Pore Size	Glass Fiber Rating	Circles/Sheets Per Pack
FGFPESSF 1302	13	0.2 µm	1.00 µm	100
FGFPESSF 1345	13	0.45 µm	1.00 µm	100
FGFPESSF 2502	25	0.2 µm	1.00 µm	100
FGFPESSF 2545	25	0.45 µm	1.00 µm	100

DOUBLE LAYERED SYRINGE FILTER PTFE (Hydrophobic)

Cat. No.	Size In (mm)	Pore Size	Glass Fiber Rating	Circles/Sheets Per Pack
FGFPTFESF 1302	13	0.2 µm	1.00 µm	100
FGFPTFESF 1345	13	0.45 µm	1.00 µm	100
FGFPTFESF 2502	25	0.2 µm	1.00 µm	100
FGFPTFESF 2545	25	0.45 µm	1.00 µm	100

MEMBRANE FILTERS

Description

Membrane Filter or membrane are microporus films with specific filtration rating. Membrane retains particles and micro organisms that exceed their filtration rating by acting as a physical barrier and capturing such particles on the surface of membrane. AXIVA Membranes are avalable. in variety of media, filtration sizes, diameters, and surface types. Most membrane can be sterilized by autoclaving.

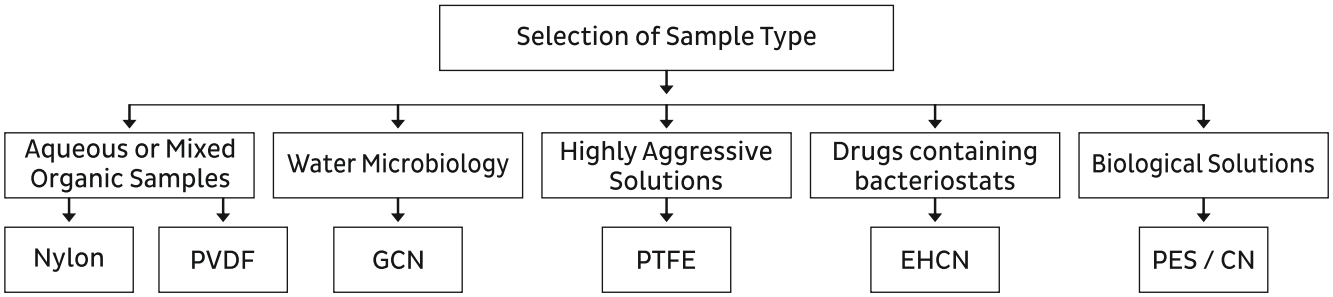
Filtration of samples and solvents -

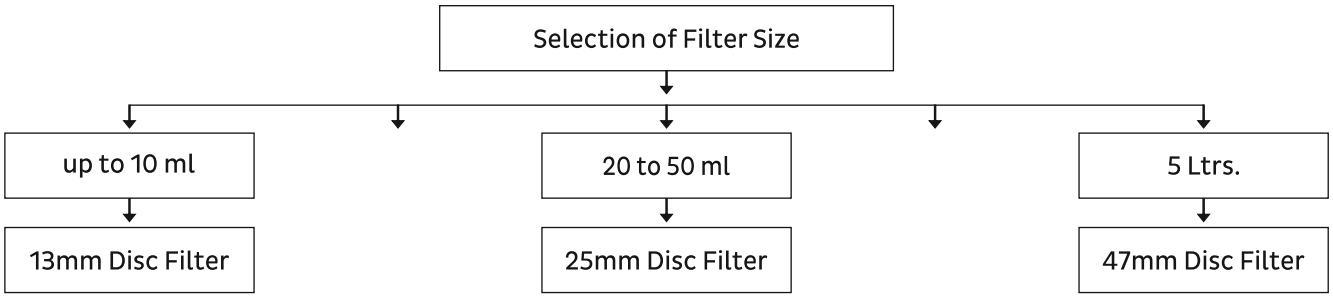
Increase the accuracy and reliability of the results.

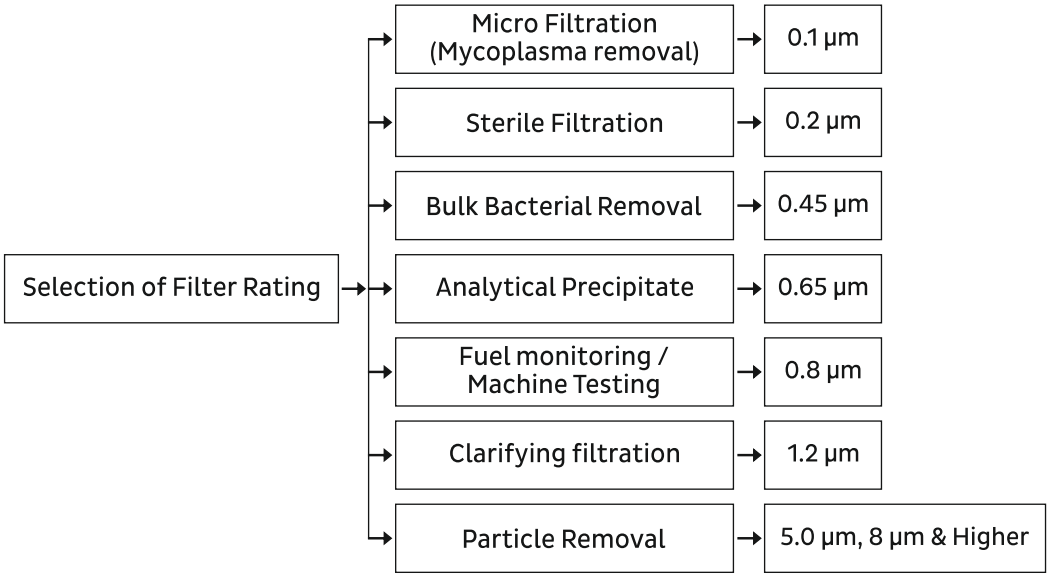
Eliminates the background peaks.

Prevents instruments downtime and extends the time between the maintenance and repairs.

How to choose Membrane Filter?



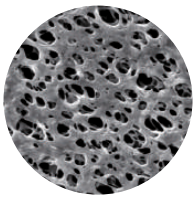




FILTROS UK

MEMBRANE FILTERS

NYLON (NY) MEMBRANE FILTERS



Description

Hydrophilic membrane. Ideal for use in general filtration or medical assays. Superior strength, resistant to a range of organic solvents. Low extractables. High protein binding capacity. Very high lot-to-lot consistency.

Characteristics

- Naturally hydrophilic
- Wide chemical compatibility range
- Strength and dimensional stability
- Low extractables

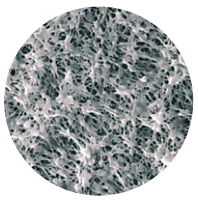
Applications

- Sterilization, clarification of aqueous and organic solvent solutions.
- Analytical sample preparation
- Chromatography
- Hydraulic Fluids and Machined Parts

NYLON MEMBRANE FILTERS (HYDROPHILIC)

Cat. No.	Size In (mm)	Pore Size	Circles/Sheets Per Pack
FNYM 1302	13	0.2 µm	100
FNYM 1345	13	0.45 µm	100
FNYM 1301	13	0.1 µm	100
FNYM 2502	25	0.2 µm	100
FNYM 2545	25	0.45 µm	100
FNYM 2501	25	0.1 µm	100
FNYM 4702	47	0.2 µm	100
FNYM 4745	47	0.45 µm	100
FNYM 4701	47	0.1 µm	100
FNYM 4708	47	0.8 µm	100

HYDROPHILIC POLYTETRAFLUOROETHYLENE (PTFE HP) MEMBRANE FILTERS (NON STERILE)



Description

PTFE HP membrane is compatible with organic solvents, acids, and basic solutions. Hydrophilic PTFE membrane has low drug and protein binding properties with excellent aqueous and solvent compatibility. High sample recoveries and low ion and UV extractables provide for ideal analysis by µHPLC and LC/ MS.

Characteristics

- No need to pre-wet the membrane
- No need to flush membrane of pre-wetting chemicals
- No pre-wetting means production time reduction
- Reduce potential interference with biological processes
- Longer shelf life because the filters are stored and shipped dry

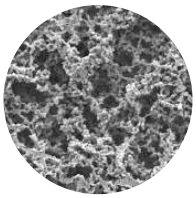
Applications

- * Molecular identification & Structural determination, * Pharmacokinetics, * Drug discovery and development (drug testing), * Environmental monitoring, * Food safety monitoring, * Oil composition determination

Cat. No.	Size In (mm)	Pore Size	Circles/Sheets Per Pack
FPTFEHP 1302	13	0.2 µm	100
FPTFEHP 1345	13	0.45 µm	100
FPTFEHP 2502	25	0.2 µm	100
FPTFEHP 2545	25	0.45 µm	100
FPTFEHP 4702	47	0.2 µm	100
FPTFEHP 4745	47	0.45 µm	100



MIXED CELLULOSE ESTERS MEMBRANE FILTERS (MCE)



Description

Hydrophilic membrane. Aqueous clarification and particulate capture. Consistent high flow rate for faster filtration. Uniform pore structure for selectivity. Hydrophilic, inert cellulose nitrate. High binding capacity.

Characteristics

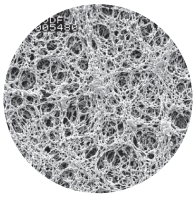
- Hydrophilic for aqueous clarification and particulate capture
- Consistent high flow rate for faster filtration
- Uniform pore structure for selectivity
- Hydrophilic, inert cellulose nitrate
- High binding capacity
- Manufactured thickness within 10 microns

Applications

- Filtration of Aqueous and Organic Solutions
- Analytical Sample Preparation
- Chromatography
- Clarification

Cat. No.	Size In (mm)	Pore Size	Circles/Sheets Per Pack
FMCEM 2502	25	0.2 µm	100
FMCEM 2545	25	0.45 µm	100
FMCEM 4702	47	0.2 µm	100
FMCEM 4745	47	0.45 µm	100

POLYVINYLIDENE FLUORIDE HYDROPHILIC (PVDF) MEMBRANE FILTERS



Description

Hydrophilic membrane. Ideal for use in Sterilizing and Clarifying filtration of biological solutions. High Flow Rates. Low Extractables. Broad Chemical Compatibility. Very low protein binding.

Characteristics

- Hydrophilic for aqueous clarification and particulate capture
- Consistent high flow rate for faster filtration
- Uniform pore structure for selectivity
- Hydrophilic, inert cellulose nitrate
- High binding capacity
- Manufactured thickness within 10 microns

Applications

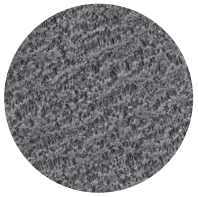
- Filtration of Aqueous and Organic Solutions
- Analytical Sample Prep
- Chromatography
- Clarification

Cat. No.	Size In (mm)	Pore Size	Circles/Sheets Per Pack
FPVDFM 1302	13	0.2 µm	100
FPVDFM 1345	13	0.45 µm	100
FPVDFM 2502	25	0.2 µm	100
FPVDFM 2545	25	0.45 µm	100
FPVDFM 4702	47	0.2 µm	100
FPVDFM 4745	47	0.45 µm	100

FILTROS™ UK

MEMBRANE FILTERS

POLYTETRAFLUOROETHYLENE (PTFE) MEMBRANE FILTERS (HYDROPHOBIC)



Description

Hydrophobic membrane. Ideal for filtration of strong acids and aggressive solutions, venting applications, phase separations, aerosol samplings. Chemically and biologically inert. Superior chemical resistance. Can withstand high temperatures.

Characteristics

- Naturally hydrophobic
- Compatible with strong acids and aggressive solutions
- Improved durability and handling

Applications

- Filtration of strong acids and aggressive solutions
- Venting applications
- Phase separations
- Aerosol sampling

Cat. No.	Size In (mm)	Pore Size	Circles/Sheets Per Pack
FPTFEM 1302	13	0.2 µm	100
FPTFEM 1345	13	0.45 µm	100
FPTFEM 2502	25	0.2 µm	100
FPTFEM 2545	25	0.45 µm	100
FPTFEM 4702	47	0.2 µm	100
FPTFEM 4745	47	0.45 µm	100

POLYETHERSULFONE (PES) MEMBRANE FILTERS



Description

Hydrophilic membrane. Designed to remove particulates during general filtration. Low protein and drug binding characteristics make it ideally suited for use in life science applications, maximizing recovery of critical drugs used in I.V. therapy, chemotherapy and open-heart surgery. Its strength and durability are advantageous during usage that involves aggressive handling or automated equipment. Low protein and drug binding characteristics

Characteristics

- Very Low Protein Binding
- Fast Flow Rates
- Low Extractables
- Wide Chemical Compatibility Range
- Strength and Dimensional Stability

Applications

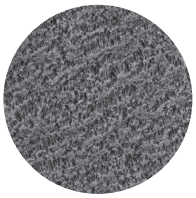
- Protein and enzyme filtration sterilization
- Biological fluid filtration sterilization
- Tissue culture media sterilization
- Pharmaceutical sterilizing filtration
- Environmental water studies
- Filtration of Aqueous Solutions
- Analytical Sample Preparation
- IC Chromatography

Cat. No.	Size In (mm)	Pore Size	Circles/Sheets Per Pack
FPESM 1302	13	0.2 µm	100
FPESM 1345	13	0.45 µm	100
FPESM 2502	25	0.2 µm	100
FPESM 2545	25	0.45 µm	100
FPESM 4702	47	0.2 µm	100
FPESM 4745	47	0.45 µm	100



CELLULOSE NITRATE MEMBRANE FILTERS (NON STERILE)

(White Plain C.N. Circles)



Description

Recommended for clarification and sterilisation of aqueous solutions, microbiological analysis and particle counts

Characteristics

- Made of cellulose nitrate, hydrophilic
- Very high flow rate
- High non-specific adsorption
- Very uniform pore structure which ensures homogeneous distribution of the particles retained on the filter surface

Applications

- Particle size analysis
- Pre-filtration and clarification of samples prior to further analysis
- Removal of particles in suspensions to determine the degree of impurity
- Measurement of sewage sludge in clarification plants

Cat. No.	Size In (mm)	Pore Size	Circles/Sheets Per Pack
FCNM 1302	13	0.2 µm	100
FCNM 1345	13	0.45 µm	100
FCNM 2501	25	0.1 µm	100
FCNM 2502	25	0.2 µm	100
FCNM 2545	25	0.45 µm	100
FCNM 2508	25	0.8 µm	100
FCNM 4701	47	0.1 µm	100
FCNM 4702	47	0.2 µm	100
FCNM 4745	47	0.45 µm	100
FCNM 4765	47	0.65 µm	100
FCNM 4708	47	0.8 µm	100
FCNM 4712	47	1.2 µm	100
FCNM 4720	47	2.0 µm	100
FCNM 4730	47	3.0 µm	100
FCNM 4750	47	5.0 µm	100
FCNM 4780	47	8.0 µm	100

CELLULOSE NITRATE GRIDDED MEMBRANE FILTERS (STERILE)

(Ideal for Membrane microbiology analysis - individually Packed White Membrane with Black Grid Filter Media c.n)

Cat. No.	Size In (mm)	Pore Size	Circles/Sheets Per Pack
FCNG 4745	47	0.45 µm	100

PM 2.5 AIR MONITORING MEMBRANE

Filter Media - PTFE & Support Ring Media : Polypropylene.

Cat. No.	Size In (mm)	Pore Size	Circles/Sheets Per Pack
FPTFEM 46220	46.2	2.0 µm	50

GLASS FIBER (GF) PRE FILTERS

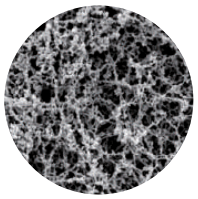
Cat. No.	Size In (mm)	Pore Size	Circles/Sheets Per Pack
FGFP 14215	142	1.5 µm	50
FGFP 29315	293	1.5 µm	50
FGFP 29320	293	2.0 µm	50

FILTROS™ UK

MEMBRANE FILTERS

CELLULOSE ACETATE (CA) MEMBRANE FILTERS (NON STERILE)

(Colour white, Surface Plain, Hydrophillic)



Description

Hydrophilic membrane. Low protein binding, Ideal for protein, cell culture media and enzymes filtrations, tissue culture media sterilization, biological fluid filtration and other filtration applications where maximum recovery of proteins is critical.

Characteristics

- Low protein binding, 3.8 µg/cm^2
- Hydrophilic
- High throughput
- Superior strength and stability
- Uniform pore structure, consistent flow rates
- Burst strength of 130 psi

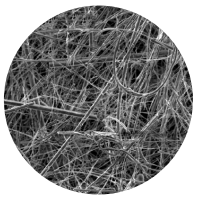
Applications

- Protein and enzyme filtration
- Biological fluid filtration sterilization
- Tissue culture media sterilization
- Clarification of aqueous and alcohol solutions
- Cell Culture

Cat. No.	Size In (mm)	Pore Size	Circles/Sheets Per Pack
FCAM 1302	13	0.2 µm	100
FCAM 1345	13	0.45 µm	100
FCAM 2502	25	0.2 µm	100
FCAM 2545	25	0.45 µm	100
FCAM 4702	47	0.2 µm	100
FCAM 4745	47	0.45 µm	100

GLASS FIBER (GF) MEMBRANE FILTERS

(Ideal for pre-filtration)



Description

Hydrophilic material. Used also as a pre-filter to extend membrane life. Eliminate sample contamination. Excellent wet strength for each handling and filter integrity. Ideal for water/air pollution analysis, liquid clarification and cell harvesting.

Characteristics

- Acrylic binder
- High dirt holding capacity
- Biologically inert
- Bonding reduces media migration

Applications

- Filtration of Aqueous and Organic Solutions
- Analytical Sample Preparation
- Difficult to Filter Solutions
- Fuel Hydraulic Fluids and Machined Parts

Cat. No.	Size In (mm)	Pore Size	Circles/Sheets Per Pack
FGFM 1302	13	0.2 µm	100
FGFM 2502	25	0.2 µm	100
FGFM 4702	47	0.2 µm	100
FGFM 5002	50	0.2 µm	100
FGFM 1303	13	0.3 µm	100
FGFM 4730	47	3.0 µm	100

MIXED CELLULOSE ESTERS GRIDDED MEMBRANE FILTERS (MCE) STERILE

(Ideal for Membrane microbiology analysis - individually Packed White Membrane with Black Grid Filter Media MCE)

Cat. No.	Size In (mm)	Pore Size	Circles/Sheets Per Pack
FMCEG 4745	47	0.45 µm	100

LAB GRADE TISSUE PAPER ROLL
LINT FREE CLEANING WIPES

Tissue Paper have the characteristics for use in laboratories-

• Papers are made from pure cellulose and sufficiently strong.

Colour : White

GSM : 22

LABORATORY GRADE TISSUE PAPER ROLLS

Cat. No.	Pack	Size In (mm)	Spools Per Roll	Paper Type	PLY
1201	3	100 x 98	160 x 3 = 480	Embosed	2
1281	1	100 x 100	200	Embosed	2
1283	1	100 x 100	520	Plain	2

2 Ply Embosed Tissue Paper Roll		2 Ply Plain Tissue Paper Roll
		
Code : 1201	Code : 1281	Code : 1283
Pack of - 3	Pack of - 1	Pack of - 1

CLEANING WIPES

Cat. No.	Size In (mm)	Wipes Per Pack	PLY
1286	130x180	300	1





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GP OVERSEAS TRADING LTD

10 Courtenay Road, G 03, East Lane Business Park, Wembley HA9 7ND (UK)
Tel. No. +44 203 345 1365
Contact Person : Mr. Hanish Patel
Mobile No. +44 7380 704401
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- Our products are packed with utmost care and dispatched at the customer's risk. No claim for breakage, damage will be entertained after the goods have left our godown. Goods once sold will not be accepted for exchange.

- While we or our Authorised Distributors make every effort to adhere to the delivery schedule, no responsibility what so ever will be accepted for non delivery or delayed delivery.

- As per our policy of regular improvement, any specification can be changed, atered without any prior notice.

- Above terms are not applicable for the customers with whom we have government rate contract.

- All transactions are subjected to JAIPUR Jurisdiction only.

- Price & terms shall be submitted on request.

- Goods can be insured at customer's request at 1.5% of the invoice value. Charges for such insurance will be added in the invoice.





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Birmingham B20 3BX (UK)

INDIA OFFICE

FILTROS INDIA

(Unit of Neeraj Exports)

Factory:
136/1, Ramsinghpura Bass, Pratap Nagar, Sanganer,
Jaipur-302029 (Rajasthan) India

Head office:
Siddha Regal Apt. D-262, Devi Marg, Banipark,
Jaipur - 302016 (Rajasthan) India

Mumbai office:
Gala No. 01, Building No. 123, Indian Corporation Compound,
Village Gundavali (Dapoda) Near Mankholi Naka Bhiwandi,
Thane - 421302 (Maharashtra) India

Mob. +91 9829744716 | 9352910190 | 9588072447 | 86574 27989

Email:
sales.filtrosindia@gmail.com
sales.chemlab@gmail.com
neerajexportsmarketing@gmail.com

Website : www.filtrosuk.co.uk