

FILTROS (UK) LIMITED London (United Kingdom)





LABORATORY FILTER PAPERS



GLASS MICROFIBER FILTERS



CELLULOSE EXTRACTION THIMBLES

PRICE LIST 2023-24





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FILTROS (UK) LIMITED

Our India office is represented by Neeraj Exports, Jaipur.

Filtros (UK) Limited, London is a technology focused company, specializing in the development of wide range of filtration media products.

PRODUCT RANGE

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

- (A) Quantitative Ash less Filter Papers & Ashless clipping
- (B) Qualitative Filter Papers
- (C) Glass Micro Fiber Filters
- (D) Chromatography Papers
- (E) Cellulose Extraction Thimbles
- (F) Glass Fiber Extraction Thimbles
- (G) Blotting Paper for paper mills (For COBB Value Testing)
- (H) Seed Germination Paper
- (I) Wax Coated Paper
- (J) Surface Protection Paper Lab Top
- (K) Laboratory Tissue Paper
- (L) Lint Wipes
- (M) Lens Cleaning Tissue Paper
- (N) Membrane & Syringe Filters

MARKETING SETUP

Our filtration and lab cleaning products are marketed through Neeraj Exports in India, who are equipped with state of the art converting facility and are backed by a vast distribution network of dealers, who have strong distribution and technical set up and will assist you in development of a specific product as per your requirement.

Our company caters 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, etc.

QUALITY STANDARDS

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

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 no. & Certificate of Analysis for each batch assuring the highest international quality standards.

Every pack of our product is supplied with proper documentation & batch wise Test Certificate of Analysis is available for our all products.

CERTIFICATION

All our Products are CE certified.

Manufacturing & converting unit of Neeraj Exports is Certified under ISO 9001: 2015

Neeraj Exports are also registered under S.S.I.

We are also registered on GEM (Government e-market) place.





Certificate of Registration

This is to certify that the Quality Management System

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:

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.

 1. PAPER & BOARD STATIONARY AND ART & CRAFT PRODUCTS

Certificate Number: UQ - 20220219115

Validity of this certificate can be verified at www.ukcertifications.org.uk/verify 19th February 2022

Date of Certification 1st Surveillance Audit Due

18th February 2023 18th February 2024 18th February 2025

2nd Surveillance Audit Due Certificate Expiry

Daniel ..

Authorised Signatory





Certificate of Compliance

We hereby declare that the technical files of all the items in each proc requirements of the Council Directive on Medical Devices 93/42/EEC as Certificate No.: CE-4154 duct group of complied with the s Amended 2007/47/EC.

Cert

: NEERAJ EXPORTS FILTROS INDIA Name

Address : CORPORATE OFFICE: 206, SIDDHA REGAL BUILDING, D-262, DEVI MARG, BANIPARE, JAIPUR – 302016, RAJASTHAN, INDIA WORES: FLOT NO. 1861, RAMSINGHPURA BASS, SANGANER, JAIPUR-302028, RAJASTHAN, INDIA Brand Name: FILITROS UK

C: FILITAUS UM.

CELLULOSE FILTER PAPERS, GLASS MICROFIBER FILTERS, CELLULOSE FILMBLES, GLASS MICROFIBER THIMBLES, PAPERS FOR CHROMATOGRAPHY, SYRINGE FILTERS, MEMBRANE FILTERS, PH TEST PAPERS AND OTHER LABORATORY PRODUCTS.

PAPER & BOARD STATIONERY AND ART & CRAFT 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 ne Personal Protective Enginement Regulation (EU) 2016/425.

This certificate is issued under the following conditions:

1. It applies only to the quality system animalment in the namifacture 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 manufacture, after completion of EC Declaration of conformity and compliance with all relevant EC Directives. The statement is bused on a single evaluation of ones sample of above mentioned product. It does not imply an assessment of the whole production.

Validity of this certificate can be verified at www.ukc 1st Surveillance Aud it Due 05th April 2024 2nd Surveillance Audit Due 05th April 2025 05th April 2026

Certificate Expiry (subject to the system to the required standard) Damel ..



Authorised Signatory

17021 - Manufacture of corrugated paper and paperboard 32909 - Manufacture of other articles n.e.c.



MICRO

M/S NEERAJ EXPORTS

UDYAM-RJ-17-0029117

Units Name			Troductional
	NEERAJ EXPORTS	FILTROS INDIA	V 6 D 7 D 7
Memorandum			
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SIDDHA REGAL APARTMENT D 262 JAIPUR JAIPUR, Pm 302016	EXPORTS INDIA Premises/ Building	, z	RJ17A0034267 Plat/Door/Block No. Willage/Town Road/Street/Lane
CREATIVEPAPERSGROTIP@YAHOO.IN	Email:	9829744716	Mobile
JAIPUK, Pin 302016	District	KAJASTHAN	
JAIPUR	City		Street/Lane
D 262	Block	BANIPARK	e/Town
SIDDHA REGAL APARTMENT		206	toor/Block No.
	FILTROS INDIA	_	
	NEERAJ EXPORTS		RJ17A0034267

Flat/Door/Block No.	206	Name of Premises/ Building	SIDDHA RE
Village/Town	BANIPARK	Block	D 262
Road/Street/Lane	DEVI MARG	City	JAIPUR
State	RAJASTHAN	District	JAIPUR, Pi
Mobile	9829744716	Email:	CREATIVE

02/03/2012

	SNo.	NIC 2 Digit	NIC 4 Digit
	1	17 - Manufacture of	1701 - Manufacture of pulp, paper and
		paper and paper	paperboard
		products	
6	2	17 - Manufacture of	1702 - Manufacture of corrugated paper and
(6		paper and paper	paperboard and containers of paper and
		products	paperboard

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LYPE OF ENTERPRISE

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NAME OF UNITS

OFFICAL ADDRESS OF ENTERPRISE

DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE

DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS

DATE OF UDYAM REGISTRATION

JAIPUR URBAN JAIPUR . DIC . MSME-DI

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TECHNICAL PARAMETERS OF FILTER PAPER

01. BASIS WEIGHT (GRAMMAGE)

Unit of Measurement: g/m²

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. $g = (m/A) \times 10.000$ 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 tests static load

03. ASH CONTENT

Unit of measurement: %

Calculated from the difference of weight between the calcination residue obtained with a muffle at 800° c 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 ($20 \, ^{\circ}\text{C}$).

06. PARTICLE RETENTION

Unit of measurement: um.

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 overa rubber diaphragm with an area of 10 cm². The strain on the paper is then increased by applying an increasing air pressure, until the paper bursts. The dry bursting strength in accordance with DIN 53113 is stated in Kpa.

08. TENSILE STRENGTH

For determination of the tensile strength a paper strip (measuring 180×15 mm) is subjected to vertical strain by applying increasing weight. The force expended at themoment of tearing represents the tensile strength. Result 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).

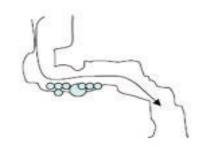
www.filtrosuk.co.uk



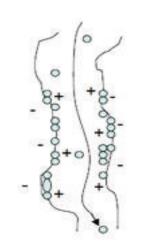


INTRODUCTION OF FILTRATION MECHANISMS

Mechanisms of filtration







Depth retention

Refers to mechanisms of retention product in the interior of the filter. Some of the most important processes are as under:-

Electrostatic adsorption

According to the polarity of the filter fibers and of the particles that must go through it, in some cases, attractionoccurs 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 some 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: the 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 filtration. It is 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 need.

We are aware of the difficulties of some operations of filtration and because of this we are willing to help you resolve your problems of filtration for which we have our own laboratory for quality control and development of new products.







GENERAL PROPERTIES OF FILTROS (UK) FILTER PAPER

Grades	Reference Grades	Particle Retention Liquid (µm)	Filtration Speed	Ash %	Thickness (mm)	Weight (g/m²)
Qualitative						
2001	1	10 - 12	Medium	≤ 0.06	0.18	87-90
2002	2	7-9	Medium Slow	≤ 0.06	0.19	97-100
2003	3	5-7	Slow	≤ 0.06	0.39	185-190
2004	4	20-25	Fast	≤ 0.06	0.21	95-97
2005	5	2-3	Very Slow	≤ 0.06	0.19	97-100
Ashless Quar	ntitative					
1040	40	7-9	Medium Slow	≤ 0.007	0.21	95-97
1041	41	20-25	Fast	≤ 0.007	0.22	85-87
1042	42	2-3	Very Slow	≤ 0.007	0.20	100-102
1043	43	15-17	Medium Fast	≤ 0.007	0.22	95-97
1044	44	3-4	Slow	≤ 0.007	0.18	80-85
Hardened Lo	w Ash					
1050	50	2-4	Very Slow	≤ 0.015	0.18	100-102
1052	52	7-9	Medium Slow	≤ 0.015	0.18	95-97
1054	54	20-25	Fast	≤ 0.015	0.19	90-92
Hardened As	hless					
2540	540	7-9	Medium Slow	≤ 0.007	0.17	85-87
2541	541	20-25	Fast	≤ 0.007	0.16	78-80
2542	542	2-4	Very Slow	≤ 0.007	0.17	95-97
Glass Microfi	ber					
GFAA	GF/A	1.6	60	NA	0.26	52
GFBB	GF/B	1.0	200	NA	0.70	143
GFCC	GF/C	1.2	98	NA	0.26	52
GFDD	GF/D	2.7	40	NA	0.68	120
GFFF	GF/F	0.7	330	NA	0.43	75
MEPM 2000	EPM 2000	NA	NA	NA	0.45	80
GFAH 6	934 - AH	1.5	47	NA	0.33	64







ASH-LESS QUANTITATIVE FILTER PAPERS

(Ash content that is less than 0.007% for critical analysis and gravimeters)



DESCRIPTION

Filtros (UK) Quantitative filter papers are made under strict quality control.

In manufacturing process, we use pure cotton linters pulp with a washing process with acids and final cleaning with demineralized (R.O.) water to achieve ash content of less than 0.007%.

Our filter papers are suitable for filtration with buchner funnels for quantitative analysis.

Quantitative filter papers are produced in different filtration speed and particle retention primarily in following grades.

GRADE 1040 (Reference Grade - 40) MEDIUM SLOW FILTRATION

- * Determination of oils in aqueous samples.
- * Determination of sediments in milk.
- * Analysis of different components of cement and aqueous extracts from the floors.
- * Soil Analysis.

GRADE 1041 (Reference Grade - 41) FAST FILTRATION

- * Analysis of Foods.
- * Analysis of floors.
- * Determination of Heavy metals in the waters
- * Filtration of silver sulfides, cadmium, iron, lead and manganese.

GRADE 1042 (Reference Grade - 42) VERY SLOW FILTRATION

- * Retention of very fine particles of copper oxide.
- * Soil Analysis.

Apart from the uses given in the above applications, Filtros (UK) quantitative filter papers have uses in many more Test Applications.

TECHNICAL SPECIFICATIONS

Туре	Pore Size	Grade	Ref. Grade	Filtration Speed	Initial Filtration Speed (Secs/100 ml) Herzberg Method	Grammage gr/m²	Thicknesh mm	Particle Retention (Liquid) (Um)	Ash %
Ashless Quantitative	8 µm	1040	40	Medium Slow	325-350	95-97	0.21	7-9	≤ 0.007
Ashless Quantitative	20 μm	1041	41	Fast	50-55	85-87	0.22	20-25	≤ 0.007
Ashless Quantitative	2.5 μm	1042	42	Very Slow	1850-1900	100-102	0.20	2-3	≤ 0.007
Ashless Quantitative	16 μm	1043	43	Medium Fast	150-160	95-97	0.22	15-17	≤ 0.007
Ashless Quantitative	3 µm	1044	44	Slow	950-1020	80-85	0.18	3-4	≤ 0.007
Hardened Low Ash	2.7 μm	1050	50	Very Slow	2650-2750	100-102	0.18	2-4	≤ 0.015
Hardened Low Ash	7 μm	1052	52	Medium Slow	225-250	95-97	0.18	7-9	≤ 0.015
Hardened Low Ash	22 μm	1054	54	Fast	35-40	90-92	0.19	20-25	≤ 0,015
Hardened Ashless	8 µm	2540	540	Medium Slow	190-210	85-87	0.17	7-9	≤ 0.007
Hardened Ashless	22 μm	2541	541	Fast	35-40	78-80	0.16	20-25	≤ 0.007
Hardened Ashless	2.7 μm	2542	542	Very Slow	2450-2550	95-97	0.17	2-4	≤ 0.007







ASH-LESS QUANTITATIVE FILTER PAPERS

Ashless Quantitative Ashless Q	40 40 40 40 40 40 40 40 40 40 40 40 41 41 41 41 41 41 41 41 41 41 41 41 41 41 42 42 42 42	1040-12.7-400C 1040-090-100C 1040-110-100C 1040-125-100C 1040-150-100C 1040-4657-100S 1041-090-100C 1041-110-100C 1041-125-100C 1041-320-100C 1041-320-100C 1041-4657-100S 1042-090-100C	12.7 90 110 125 150 460x570 90 110 125 150 320	400 100 100 100 100 100 100 100	1995 2515 2935 3635 4755 50955 2545 3385 3875 4945
Ashless Quantitative 10 Ashles	40 40 40 40 40 40 40 40 41 41 41 41 41 41 41 41 41 41 41 41 42 42	1040-110-100C 1040-125-100C 1040-150-100C 1040-4657-100S 1041-090-100C 1041-110-100C 1041-125-100C 1041-150-100C 1041-320-100C 1041-4657-100S	110 125 150 460x570 90 110 125 150 320	100 100 100 100 100 100 100	2935 3635 4755 50955 2545 3385 3875 4945
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Ashless Quantitative 10 Ashles	40 40 40 40 41 41 41 41 41 41 41 41 41 41 41 41 42 42	1040-150-100C 1040-4657-100S 1041-090-100C 1041-110-100C 1041-125-100C 1041-150-100C 1041-320-100C 1041-4657-100S	150 460x570 90 110 125 150 320	100 100 100 100 100 100	4755 50955 2545 3385 3875 4945
Ashless Quantitative Hardened Low Ash	40 40 40 41 41 41 41 41 41 41 41 41 42 42 42 42	1040-4657-100S 1041-090-100C 1041-110-100C 1041-125-100C 1041-150-100C 1041-320-100C 1041-4657-100S	460x570 90 110 125 150 320	100 100 100 100 100	50955 2545 3385 3875 4945
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Ashless Quantitative 10 Hardened Low Ash 10	41 41 41 41 41 41 41 41 42 42 42 42	1041-110-100C 1041-125-100C 1041-150-100C 1041-320-100C 1041-4657-100S	110 125 150 320	100 100 100	3385 3875 4945
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Ashless Quantitative 10 Hardened Low Ash 10	41 41 41 41 42 42 42 42 42	1041-320-100C 1041-4657-100S	320		
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Ashless Quantitative 10 Hardened Low Ash 10	42 42 42 42		460vE70		33835
Ashless Quantitative 10 Hardened Low Ash 10	42 42	1042-090-100C	460x570	100	47125
Ashless Quantitative 10 Hardened Low Ash 10			90	100	2485
Ashless Quantitative 10 Hardened Low Ash 10	42 42	1042-110-100C	110	100	3025
Ashless Quantitative 10 Hardened Low Ash 10		1042-125-100C	125	100	3635
Ashless Quantitative 10 Ashless Quantitative 10 Ashless Quantitative 10 Ashless Quantitative 10 Hardened Low Ash 10	42 42	1042-150-100C	150	100	4785
Ashless Quantitative 10 Ashless Quantitative 10 Ashless Quantitative 10 Hardened Low Ash 10	42 42	1042-4657-100S	460x570	100	44425
Ashless Quantitative 10 Ashless Quantitative 10 Hardened Low Ash 10	43 43	1043-110-100C	110	100	4175
Ashless Quantitative 10 Hardened Low Ash 10	43 43	1043-125-100C	125	100	3785
Hardened Low Ash 10	44 44	1044-110-100C	110	100	3465
Hardened Low Ash 10 Hardened Low Ash 10 Hardened Low Ash 10 Hardened Low Ash 10	44 44	1044-125-100C	125	100	3725
Hardened Low Ash 10 Hardened Low Ash 10 Hardened Low Ash 10 Hardened Low Ash 10	50 50	1050-090-100C	90	100	2955
Hardened Low Ash 10 Hardened Low Ash 10	50 50	1050-110-100C	110	100	4545
Hardened Low Ash 10	50 50	1050-125-100C	125	100	4795
Hardened Low Ash 10	50 50	1050-150-100C	150	100	7025
		1050-185-100C	185	100	10425
Hardened Low Ash 10	52 52	1052-110-100C	110	100	5005
	52 52	1052-125-100C	125	100	5705
	54 54	1054-090-100C	90	100	3245
	54 54	1054-110-100C	110	100	4135
	54 54	1054-125-100C	125	100	5145
	54 54	1054-150-100C	150	100	7455
	54 54	1054-185-100C	185	100	10705
	54 54	1054-4657-100S	460x570	100	91045
	40 540	2540-110-100C	110	100	4435
	40 540	2540-125-100C	125	100	4825
	40 540	2540-150-100C	150	100	7245
	541 541	2541-110-100C	110	100	4335
	541 541	2541-125-100C	125	100	4235
	541 541 541 541	2541-150-100C	150	100	7295
	42 542	2542-110-100C	110	100	4865
	42 542	2542-110-100C 2542-125-100C	125	100	5145
Hardened Ashless 25	74 344	2542-125-100C 2542-150-100C	150	100	7895

 $\label{lem:condition} \textbf{More Information and Prices for other Quantitative Grades will be quoted on Request.}$

ASHLESS CLIPPING

Туре	Product Code	Weight	Price per pack (₹)
Ashless Clipping	2703-500G	500g/PK	5615





QUALITATIVE FILTER PAPERS

(Recommended for Qualitative analysis with high level precision)



DESCRIPTION

Filtros (UK) Qualitative filter paper grades are manufactured with wood based cellulose fibers with high purity. With different filtration speed and particle retention primarily in 4 grades.

Apart from the uses given in the above applications, Filtros (UK) qualitative filter papers have uses in many more General Purpose Test Applications.

GRADE 2001 (Reference Grade - 1) **MEDIUM FILTRATION**

- * Analysis of Beer & Malt.
- * Analysis of Black Smoke in the atmosphere and fertilizers.
- * Soil Analysis.

GRADE 2002 (Reference Grade - 2) **FAST FILTRATION**

- * Determination of Fat content.
- * Filtration media samples precipitated as calcium oxalate, metal sulphate and thick precipitates as silver, Lead, Cadmium alkaline carbonate etc.
- * Soil Analysis.

GRADE 2003 (Reference Grade - 3) **MEDIUM SLOW FILTRATION**

- * Determination of sulphur and sulphate & some other properties in Aggregates.
- * Separation of elements by Electrophoresis.
- * Filtration of samples precipitated with high load.

GRADE 2004 (Reference Grade - 4) **VERY FAST FILTRATION**

- * Food Analysis.
- * Determination of Impurities in the iron & steel.
- * Filtration of samples with coarse precipitates.

TECHNICAL SPECIFICATIONS

Туре	Pore Size	Grade	Ref. Grade	Filtration Speed	Initial Filtration Speed (Secs/100 ml) Herzberg Method	Grammage gr/m²	Thicknesh mm	Particle Retention (Liquid) (Um)	Ash %
Qualitative	11 μm	2001	1	Medium	145-160	87-90	0.18	10 - 12	≤ 0.06
Qualitative	8 µm	2002	2	Medium Slow	230-250	97-100	0.19	7-9	≤0.06
Qualitative	6 μm	2003	3	Slow	320-340	185-190	0,39	5-7	≤0.06
Qualitative	20-25 μm	2004	4	Fast	30-40	95-97	0.21	20-25	≤ 0.06
Qualitative	2.5 μm	2005	5	Very Slow	1350-1450	97-100	0.19	2-3	≤ 0.06







QUALITATIVE FILTER PAPERS

Туре	Grade	Ref. Grade	Product Code	Size in mm	Circles/Sheets Per Pack	Price per pack (₹)
Qualitative	2001	1	2001-025-400C	25	400	4115
Qualitative	2001	1	2001-047-100C	47	100	1085
Qualitative	2001	1	2001-070-100C	70	100	1135
Qualitative	2001	1	2001-090-100C	90	100	955
Qualitative	2001	1	2001-110-100C	110	100	1045
Qualitative	2001	1	2001-125-100C	125	100	1195
Qualitative	2001	1	2001-150-100C	150	100	1395
Qualitative	2001	1	2001-185-100C	185	100	2065
Qualitative	2001	1	2001-240-100C	240	100	4475
Qualitative	2001	1	2001-320-100C	320	100	5555
Qualitative	2001	1	2001-3234-100S	320x340	100	6555
Qualitative	2001	1	2001-4657-100S	460x570	100	11415
Qualitative	2001	1	2001-4657-500S	460x570	500	41375
Qualitative	2002	2	2002-070-100C	70	100	1185
Qualitative	2002	2	2002-090-100C	90	100	1155
Qualitative	2002	2	2002-110-100C	110	100	1305
Qualitative	2002	2	2002-125-100C	125	100	1405
Qualitative	2002	2	2002-150-100C	150	100	2135
Qualitative	2002	2	2002-4657-100S	460x570	100	19455
Qualitative	2003	3	2003-070-100C	70	100	1815
Qualitative	2003	3	2003-090-100C	90	100	1995
Qualitative	2003	3	2003-110-100C	110	100	1835
Qualitative	2003	3	2003-125-100C	125	100	2585
Qualitative	2003	3	2003-150-100C	150	100	2815
Qualitative	2003	3	2003-4657-100S	460x570	100	34975
Qualitative	2004	4	2004-070-100C	70	100	1005
Qualitative	2004	4	2004-090-100C	90	100	1135
Qualitative	2004	4	2004-110-100C	110	100	1345
Qualitative	2004	4	2004-125-100C	125	100	1595
Qualitative	2004	4	2004-150-100C	150	100	2205
Qualitative	2004	4	2004-185-100C	185	100	3245
Qualitative	2004	4	2004-240-100C	240	100	5735
Qualitative	2004	4	2004-320-100C	320	100	9215
Qualitative	2004	4	2004-4657-100S	460x570	100	23585
Qualitative	2005	5	2005-110-100C	110	100	1515
Qualitative	2005	5	2005-125-100C	125	100	1885
Qualitative	2113	113	2113-090-100C	125	100	2095

QUALITATIVE FILTER PAPER - PREMIUM GRADE

Type	Grade	Ref. Grade	Product Code	Size in mm	Circles/Sheets Per Pack	Price per pack (₹)
Qualitative	2001	1	2001-4657-100S	460x570	100	15535
Qualitative	2001	1	2001-4657-500S	460x570	500	56305

More Information and Prices for other Qualitative Grades will be quoted on Request. **We also have Filter Paper with Center Hole & Corner Hole.



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GLASS MICROFIBER FILTERS (BINDER FREE)

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





DESCRIPTION

New range of filters made exculsively with 100% borosilicate glass microfiber and free from any type of bonding agent. These filters are capable of combining rapid velocities of filtration with high loading capacities together with excellent retention of fine particles.

PROPERTIES

Chemical stability

This microfibers filters have an excellent stability and base solutions of high concentration.

Thermal stability

Filters can withstand operating temperature up to $500\,^{\circ}\text{C}$.

Permeability

Glass microfibers filters have high permeability.

Retention of particles

These filters have an excellent level of retention of particles.

Load capacity

Due to its high apparent density, these filters have a large load capacity.

Filtros (UK) Glass micro fiber filters are primarily available in 5 grades.

GRADE (GFAA) (Reference Grade GF/A)

- * Control of emissions into atmosphere through high volume sensors.
- * Determination of suspended solids in water according to EN 872 and standard method 2540D, as well as other analysis of water pollution.
- * Biochemical investigations.
- * Determination of the presence of the Ozone in the air

GRADE (GFBB) (Reference Grade GF/B)

- * Pre-Filtration of samples before membrane filtration.
- * Clarification instrumental samples before analysis.
- * Biochemical assays.

GRADE (GFCC) (Reference Grade GF/C)

- * Determination of suspended solids in water according to EN 872and standard method 2540D, as well as other analysis of water pollution.
- * Filtration of cell cultures.
- * Filtration of samples prior to scintillation counting.

GRADE (GFDD) (Reference Grade GF/D)

- * Samples with high load of fine precipitates.
- * Biochemical solutions.
- * Determination of pollutants in animal fats and vegetable according LMBG.

GRADE (GFFF) (Reference Grade GF/F)

- * Analysis of organisms in marine waters.
- * Biochemical Assays.
- * Filtration of HPLC samples.
- * Gravimetric analysis of paints and pigments

GRADE (MEPM 2000) (Reference Grade EPM 2000)

* Made From 100% Borosilicate Glass. Binder free. Air retention efficiency of 99.95% of 0.3µm size particle. MEPM 2000 air filter are used in PM-10 sampling equipments.

GRADE (GFAH 6) (Reference Grade GF/AH6)

- * A high retention borosilicate glass microfiber filter Which withstands temperatures over 500
- * It is recommended for water pollution monitoring cell havesting. Liquid scintillation counting for air pollution monitoring

TECHNICAL SPECIFICATIONS

Grade	Pore Size	Filtration Speed s/100ml	Basis weight g/m²	Thickness mm	Particle retention μm
GFAA	1.6	60	52	0.26	1.6
GFBB	1.0	200	143	0.70	1.0
GFCC	1.2	98	52	0.26	1.2
GFDD	2.7	40	120	0.68	2.7
GFFF	0.7	330	75	0.43	0.7
MEPM 2000	2.0	NA	80	0.45	2.0
GFFAH 6	1.5	47	64	0.33	1.5





GLASS MICROFIBER FILTERS (BINDER FREE)

Grade	Ref. Grade	Product Code	Size in mm	Circles/Sheets Per Pack	Price per pack (₹)
GFAA	GF/A	GFAA-081 -100S	203x254	100	23415
GFAA	GF/A	GFAA-025 -100C	25	100	2415
GFAA	GF/A	GFAA-037 -100C	37	100	3305
GFAA	GF/A	GFAA-047 -100C	47	100	3515
GFAA	GF/A	GFAA-070 -100C	70	100	5215
GFAA	GF/A	GFAA-090 -100C	90	100	6755
GFBB	GF/B	GFBB-025 -100C	25	100	3115
GFBB	GF/B	GFBB-037 -100C	37	100	5625
GFBB	GF/B	GFBB-047 -100C	47	100	5635
GFBB	GF/B	GFBB-070 -100C	70	100	10275
GFBB	GF/B	GFBB-090 -25C	90	025	4935
GFCC	GF/C	GFCC-025 -100C	25	100	2375
GFCC	GF/C	GFCC-037 -100C	37	100	3655
GFCC	GF/C	GFCC-047 -100C	47	100	3515
GFCC	GF/C	GFCC-070 -100C	70	100	7505
GFCC	GF/C	GFCC-090 -100C	90	100	7735
GFCC	GF/C	GFCC-125 -100C	125	100	12685
GFCC	GF/C	GFCC-150 -100C	150	100	17545
GFDD	GF/D	GFDD-025 -100C	25	100	3115
GFDD	GF/D	GFDD-037 -100C	37	100	4865
GFDD	GF/D	GFDD-047 -100C	47	100	6125
GFDD	GF/D	GFDD-070 -100C	70	100	9405
GFDD	GF/D	GFDD-090 -25C	90	025	4285
GFFF	GF/F	GFFF-025 -100C	25	100	5245
GFFF	GF/F	GFFF-037 -100C	37	100	11635
GFFF	GF/F	GFFF-047 -100C	47	100	10775
GFFF	GF/F	GFFF-070 -100C	70	100	16655
GFFF	GF/F	GFFF-090 -25C	90	025	8765
MEPM 2000	EPM 2000	MEPM 2000-081 -100S	203 X 254	100	46705
GFFAH 6	934 - AH	GFFAH 6-047-100C	47	100	6185

More information and 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	Price per pack (₹)
FETH-1990	19X90	025	6745
FETH-2660	26X60	025	6745
FETH-2280	22X80	025	6835
FETH-2580	25X80	025	6745
FETH-2880	28X80	025	6745
FETH-3080	30X80	025	6745
FETH-3380	33X80	025	8015
FETH-25100	25X100	025	6745
FETH-28100	28X100	025	6785
FETH-30100	30X100	025	6745
FETH-30118	30X118	025	8015
FETH-33118	33X118	025	8015
FETH-35150	35X150	025	9095
FETH-43123	43X123	025	9955







GLASSFIBER EXTRACTION THIMBLES

PRODUCT DESCRIPTION

Filtros (UK) Glass micro fiber thimbles are made from high purity Borosilicate glass fibres. 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 Centrigrade

Product code Grade Ref.603	Size in mm	No of pieces per pack	Price per pack (₹)
FGTH-1990	19X90	025	15745

Prices for other grade and sizes will be quoted on request

ECONOMY GRADES FILTER PAPERS FOR SOIL TESTING APPLICATION

Filtros (UK) offers high quality filter papers for Soil Testing Applications to suit numerous laboratory applications for soil testing.

Filtros (UK) maintains sustained quality, reproducibility and uniformity for all its filters by using only the highest quality input materials.

Filtros (UK) Qualitative soil testing papers are used for testing of Soil Chemical composition & Soil Health Analysis.



Grade	Ref. Grade	Filtration Speed	Grammage gr/m²	Thickness mm	Pore Size µm
2001 - ST	1	Medium	87	0.180	12
2005 - ST	5	Very Slow	100	0.190	2







PAPERS 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 CG02 (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
CH01	1 CHR	90	0.18	90-100 (mm/30min)
CH02	2 CHR	140	0.28	90-100 (mm/30min)
CH03	3 CHR	180	0.36	90-100 (mm/30min)
CH17	17 CHR	270	0.70	130-140 (mm/10min)
CH20	20 CHR	650	1.70	100-120 (mm/10min)

Grade	Ref. Grade	Product Code	Size in mm	No of sheets per pack	Price per pack (₹)
CH01	1 CHR	CH01-4657-100S	460x570	100	26245
CH03	3 CHR	CH03-4657-100S	460x570	100	63355

More information for prices and available sizes and other grades will be quoted on request.







BLOTTING PAPER FOR PAPER INDUSTRY

(Recommended for the assay in the formation of sheets and the cobb test.)

DESCRIPTION

High absorption paper made especially for use in quality control laboratories in the paper industry. Basically used in the manufacture of pulp for testing sheet formation parameters as described by the norm ISO 5269/1. Moreover, also used in the manufacture of glued paper to perform the Cobb test as directed by the UNE 57-027 and ISO / R 535.

APPLICATIONS

 \bullet Determination of water absorption capacity in the manufacture of sized paper in the Cobb test according to ISO/R 535.

Test sheet formation in pulp industry according to ISO 5269/1

Sr. No.	Property	Unit	Standard	Min.	Max.
1	Basis Weight	g/m²	250	240	260
2	Thickness	mm	0.60	0.55	0.70
3	Rate of absorbency (as per TAPPI T - 432)	S/1.0ml water	25	23	27
4	Total absorbency (as per TAPPI T - 441 Cobb test	g/m²	500	450	550

Product Code	Size in mm	No. Of Sheets (Per Pack)	Price per pack (₹)
FPB1	200 X 200	25	575
FPB2	200 X 200	50	995
FPB3	200 X 200	100	1895

Prices for other grades 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/m²
Wet Strength : Normal
Surface : Creped



Cat. No.	Size In (cm)	Per Pack in Kg.	Price per pack (₹)
FSG 1218	12 x 18 cm	10	3995







FILTER PAPER GRADES FOR CEMENT QUALITY CONTROL APPLICATIONS

In Cement Industry it is important to use Ashless filter paper over strict control for particle retention standard methods of testing cement are essential to the cement specifications because faulty test methods may lead to erroneous conclusions as to the quality of cement.

FILTROS (UK) Ashless filter papers are made from pure cotton pulp and treated to wash away most of the impurities. These Ashless papers are useful for gravimetric analysis and the preparation of samples for instrumental analysis of high loading capacity and particle retention, both of which are useful for the analysis of sulfur and other substances in cement samples.



FILTROS (UK) GRADE	REF. GRADE	APPLICATION
1040	40	Chloride Content
1041 - 1042	41 - 42	Calcium oxide (aº)content
1041 - 1042	41 - 42	Combined Ferric Oxide & Alumina Determination
1041 - 1042	41 - 42	Magnesia
2540 - 2541 - 2542	540 - 541 - 542	Insoluble residues, Silica content
1040	40	Fineness (Blaine's test)
1041 - 1042	41 - 42	Sulfur trioxide (SO3) content

APLICATION IN MINING QUALITY CONTROL

In mining industries, analytical quality control (QC) laboratories routinely test the content of different metals in **ORE** samples. Sample preparation is a critical factor in obtaining consistent results. Therefore, use of Ashless Filter Paper is recommended. It is expected to improve the accuracy of metal content tests.

FILTROS (UK) Quantitative Ashless filter papers are made from pure cotton pulp and treated to wash away most of the impurities and is useful for gravimetric analysis and the preparation of samples for instrumental analysis, which gives high loading capacity and particle retention, both of which are useful for the analysis of metals and other substances in **ORE** samples.

The most important metal tests in mining applications are High Molybdenum analysis, Zinc Analysis & Lead Analysis. Major critical quality (CTQ) factors in performance testing are filtration speed, clarity, and metal content. Use of Quantitative Ashless Filter paper is critical during sample preparation steps in metal content analysis.

FILTROS (UK) Ashless Quantitative **Filter Paper Grades 1040 & 1041** are recommended for good separation performance, speed, and repeatability in high molybdenum, lead, and zinc analysis.







LAB-TOP SURFACE PROTECTION PAPERS ONE SIDE PE – COATED PAPER

Description

The absorbent paper with polyethylene has been created with the intention of achieving total protection in trays, laboratory tables, animal cages and in general any surface where complete water tightness is required. It is formed by two faces. A face of absorbent paper that allows excellent absorption of liquids and another face formed by a polyethylene film that guarantees absolute waterproof. Can be used by both faces. If the face with polyethylene is used, it allows the recovery of valuable materials or hazardous products.

APPLICATIONS

- Protection of laboratory Work benches.
- Saturation of the atmosphere of moist chambers.
- Recovery of valuable materials (precious metals, rare earths, etc.)
- Handling of toxic or hazardous liquids.
- Protection of soils in animal cages.
- Handling of chemical or pharmaceutical products.
- Anatomical pathology labs.
- Retention of excess tint in large plotters.

TECHNICAL SPECIFICATIONS THICKENSS-0.22 mm

Catalogue Number	Available Sizes (in mm)	Pack Size
SPP - 4455100	440 x 550 mm (Sheet)	100 Sheets
SPP - 4466100	440 x 660 mm (Sheet)	100 Sheets
SPP - 446650	440 x 660 mm (Sheet)	50 Sheets
SPP - 440100	440 mm width x 100 meter length	1 Roll
SPP - 44050	440 mm width x 50 meter length	1 Roll
SPP - 660100	660 mm width x 100 meter length	1 Roll
SPP - 66050	660 mm width x 50 meter length	1 Roll

- 1. Special sizes can be supplies as per requirement.
- 2. Prices will be quoted on request















MEMBRANE FILTERS

OUR RANGE OF MICRO FILTRATION PRODUCTS

Product Description Characteristics and Applications	Product Code	Size in MM	Pore size µm	No of Pcs (Per pack)	Price (₹)
NYLON (NY) SYRINGE FILTERS		No	n Sterile		
© Naturally hydrophilic, low extractable.	FNYSF 1302	13	0.2	100	2945
© High protein binding capacity. © Strength and dimensional stability.	FNYSF 1345	13	0.45	100	2945
Strength and dimensional stability. Sterilsation, clarification of aqueous and	FNYSF 2502	25	0.2	100	3045
organic solvent solution.	FNYSF 2545	25	0.45	100	3045
	FNYSF 3302	33	0.2	50	2405
	FNYSF 3345	33	0.45	50	2405
			Sterile		
	FNYSFI 2545	25	0.45	100	4045
CELLULOSE ACETATE (CA) SYRINGE FILTERS		No	n Sterile		
© Hydrophilic, Low Protein binding.	FCASF 1302	13	0.2	100	3615
© Uniform pore structure, consist flow rate.	FCASF 1345	13	0.45	100	3615
© Superior Strength and stability	FCASF 2502	25	0.2	100	8355
@ Cell culture and Tissue culture media Sterilsation.	FCASF 2545	25	0.45	100	8355
@ Protein & enzyme Filtration.@ Biological Fluid Filtration Sterilsation.			Sterile		
(a) biological ritid rittration sternsation.	FCASFI 2502	25	0.2	50	8355
	FCASFI 3302	33	0.2	50	6950
	FCASFI 3345	33	0.45	50	6950
PVDF SYRINGE FILTERS	Non Sterile				
© Hydrophilic, high binding Capacity. © Uniform pore structure, for selectivity.	FPVDFSF 1302	13	0.2	100	3805
© Consistent High flow rate.	FPVDFSF 1345	13	0.45	100	3805
 ③ Sterilsation & Clarifying filtration organic Solutions. ④ Analytical sample Preparations. 	FPVDFSF2502	25	0.2	100	4755
	FPVDFSF 2545	25	0.45	100	4755
	FPVDFSF 3302	33	0.2	50	2865
	FPVDFSF 3345	33	0.45	50	2865
HYDROPHOBIC PTFE SYRINGE FILTERS	Non Sterile				
© Naturally & hydrophobic.	FPTFESF 0402	04	0.2	100	4750
© Compatible with strong acids and aggressive solutions.	FPTFESF 1302	13	0.2	100	5225
© Improved durability & handling.	FPTFESF 1345	13	0.45	100	5225
@ Filtration of strong acids & aggressive solutions.	FPTFESF 2502	25	0.2	100	5700
② Venting application.③ Phase separation & Aerosol sampling.	FPTFESF 2545	25	0.45	100	5700
a) Phase separation & Aerosol sampling.	FPTFESF 3302	33	0.2	50	4075
	FPTFESF 3345	33	0.45	50	4075
			Sterile		
	FPTFESFI 2502	25	0.2	50	8550
	FPTFESFI 3302	33	0.2	50	10625
	FPTFESFI 3345	33	0.45	50	10625
HYDROPHILIC PTFE SYRINGE FILTERS			Sterile	ı	
© Filtration of Samples of Aggressive Samples,	FPTFESFI 3302	33	0.2	50	10625
Acids & Bases.	FPTFESFI 3345	33	0.45	50	10625
HYDROPHILIC PTFE SYRINGE FILTERS			n Sterile		
© High Run Flow	FPTFESF 2502	25	0.2	100	9455
© Excellent Physical Resistance	FPTFESF 2545	25	0.45	100	9455











MEMBRANE FILTERS

OUR RANGE OF MICRO FILTRATION PRODUCTS

PES SYRINGE FILTERS © High Velocity of Filtration.	Product Code	Size in MM	Pore size µm	No of Pcs. (Per pack)	Price (₹)
© Low level of Extractable.		No	n Sterile		
	FPESSF 2502	25	0.2	100	5605
	FPESSF 2545	25	0.45	100	5605
	FPESSF 3302	33	0.2	50	3305
	FPESSF 3345	33	0.45	50	3305
	FPESSF 3380	33	0.80	50	4905
			Sterile		
	FPESSFI 1302	13	0.2	100	11405
	FPESSFI 1345	13	0.45	100	11405
	FPESSFI 2502	25	0.2	50	5405
	FPESSFI 2545	25	0.45	50	5905
GLASS FIBER SYRINGE FILTERS		No	n Sterile		
© High retention efficiency of 99%. Useful for relatively	FGFSY 1310	13	1.0	100	3615
dirty solutions are to be clarified or for pre-filtration. (a) For high throughput, sample cleaning, particle removal.	FGFSY 2510	25	1.0	100	3715
(a) Can be used along or in series with another Filtros UK	FGFSY 3310	33	1.0	100	3015
glass fiber syringe filters.	FGFSY 2545	25	0.45	100	4515

AIR VENT FILTERS

PTFE AIR VENT FILTERS	Product Code	Size in MM	Pore size µm	No of Pcs. (Per pack)	Price (₹)	
	Non Sterile					
	FPTFEAVF 5002	50	0.2	12	9005	

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







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	Price per pack (₹)
FGFNYSF 1302	13	0 . 2 μm	1.00 µm	100	4895
FGFNYSF 1345	13	0.45 μm	1.00 µm	100	4895
FGFNYSF 2502	25	0 . 2 μm	1.00 µm	100	5725
FGFNYSF 2545	25	0.45 µm	1.00 µm	100	5725

DOUBLE LAYERED SYRINGE FILTER PVDF

Cat. No.	Size In (mm)	Pore Size	Glass Fiber Rating	Circles/Sheets Per Pack	Price per pack (₹)
FGFPVDFSF 1302	13	0 . 2 μm	1.00 µm	100	6715
FGFPVDFSF 1345	13	0.45 µm	1.00 µm	100	6715
FGFPVDFSF 2502	25	0.2 μm	1.00 µm	100	7375
FGFPVDFSF 2545	25	0.45 µm	1.00 µm	100	7375

DOUBLE LAYERED SYRINGE FILTER PES

Cat. No.	Size In (mm)	Pore Size	Glass Fiber Rating	Circles/Sheets Per Pack	Price per pack (₹)
FGFPESSF 1302	13	0.2 μm	1.00 µm	100	7265
FGFPESSF 1345	13	0.45 μm	1.00 µm	100	7265
FGFPESSF 2502	25	0 . 2 μm	1.00 µm	100	7375
FGFPESSF 2545	25	0.45 µm	1.00 µm	100	7375

DOUBLE LAYERED SYRINGE FILTER PTFE (Hydrophobic)

Cat. No.	Size In (mm)	Pore Size	Glass Fiber Rating	Circles/Sheets Per Pack	Price per pack (₹)
FGFPTFESF 1302	13	0 . 2 μm	1.00 µm	100	7155
FGFPTFESF 1345	13	0.45 µm	1.00 µm	100	7155
FGFPTFESF 2502	25	0.2 μm	1.00 µm	100	7265
FGFPTFESF 2545	25	0 . 45 μm	1,00 µm	100	7265

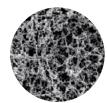






CELLULOSE ACETATE (CA) MEMBRANE FILTERS (NON STERILE)

(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

Characteristics

- Low protein binding, 3.8 µg/cm²
- 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

Cat. No.	Size In (mm)	Pore Size	Circles/Sheets Per Pack	Price per pack (₹)
FCAM 1302	13	0 . 2 μm	100	1775
FCAM 1345	13	0.45 μm	100	1535
FCAM 2502	25	0.2 µm	100	1945
FCAM 2545	25	0.45 μm	100	2335
FCAM 4702	47	0 . 2 μm	100	3675
FCAM 4745	47	0.45 µm	100	3675

NYLON (NY) MEMBRANE FILTERS



Description

NYLON MEMBRANE FILTERS (HYDROPHILIC)

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

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

Cat. No.	Size In (mm)	Pore Size	Circles/Sheets Per Pack	Price per pack (₹)
FNYM 1302	13	0 . 2 μm	100	1775
FNYM 1345	13	0.45 μm	100	1775
FNYM 1301	13	0.1 µm	100	2125
FNYM 2502	25	0.2 μm	100	2335
FNYM 2545	25	0.45 µm	100	2905
FNYM 2501	25	0.1 µm	100	2905
FNYM 4702	47	0 . 2 μm	100	2905
FNYM 4745	47	0.45 μm	100	2905
FNYM 4701	47	0.1 μm	100	3190
FNYM 4708	47	0.8 µm	100	3790







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	Price per pack (₹)
FMCEM 2502	25	0.2 μm	100	1875
FMCEM 2545	25	0 . 45 μm	100	1875
FMCEM 4702	47	0 . 2 μm	100	2545
FMCEM 4745	47	0.45 µm	100	2545

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

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

Cat. No.	Size In (mm)	Pore Size	Circles/Sheets Per Pack	Price per pack (₹)
FPVDFM 1302	13	0 . 2 μm	100	1900
FPVDFM 1345	13	0.45 μm	100	1900
FPVDFM 2502	25	0 . 2 μm	100	2995
FPVDFM 2545	25	0.45 μm	100	2995
FPVDFM 4702	47	0.2 μm	100	5435
FPVDFM 4745	47	0.45 µm	100	5435







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

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

Cat. No.	Size In (mm)	Pore Size	Circles/Sheets Per Pack	Price per pack (₹)
FPTFEM 1302	13	0 . 2 μm	100	2960
FPTFEM 1345	13	0.45 µm	100	2960
FPTFEM 2502	25	0 . 2 μm	100	3560
FPTFEM 2545	25	0.45 µm	100	3560
FPTFEM 4702	47	0 . 2 μm	100	7565
FPTFEM 4745	47	0.45 µm	100	7565

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

- 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	Price per pack (₹)
FPESM 1302	13	0 . 2 μm	100	1845
FPESM 1345	13	0.45 µm	100	1845
FPESM 2502	25	0 . 2 μm	100	2315
FPESM 2545	25	0.45 µm	100	2315
FPESM 4702	47	0.2 μm	100	4865
FPESM 4745	47	0.45 µm	100	4865







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

Applications

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

Cat. No.	Size In (mm)	Pore Size	Circles/Sheets Per Pack	Price per pack (₹)
FPTFEHP 1302	13	0 . 2 μm	100	5065
FPTFEHP 1345	13	0.45 µm	100	5065
FPTFEHP 2502	25	0 . 2 μm	100	6065
FPTFEHP 2545	25	0.45 µm	100	6065
FPTFEHP 4702	47	0.2 µm	100	11485
FPTFEHP 4745	47	0.45 µm	100	11485

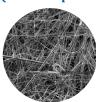
CELLULOSE NITRATE GRIDDED MEMBRANE FILTERS (STERILE)

(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	Price per pack (₹)
FCNG 4745	47	0.45 µm	100	2905

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

- 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	Price per pack (₹)
FGFM 1302	13	0.2 μm	100	4815
FGFM 2502	25	0.2 μm	100	3515
FGFM 4702	47	0.2 μm	100	8015
FGFM 5002	50	0.2 μm	100	7015
FGFM 1303	13	0.3 µm	100	4015
FGFM 4730	47	3.0 µm	100	4015







CELLULOSE NITRATE MEMBRANE FILTERS (NON STERILE)

Characteristics

Very high flow rate

the filter surface

Made of cellulose nitrate, hydrophilic

Very uniform pore structure which ensures

homogeneous distribution of the particles retained on

High non-specific adsorption

(White Plain C.N. Circles)



Description

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

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	Price per pack (₹)
FCNM 1302	13	0 . 2 μm	100	1045
FCNM 1345	13	0.45 µm	100	1045
FCNM 2501	25	0,1 µm	100	2195
FCNM 2502	25	0 . 2 μm	100	1190
FCNM 2545	25	0.45 μm	100	1190
FCNM 2508	25	mµ 8،0	100	2880
FCNM 4701	47	0.1 μm	100	2955
FCNM 4702	47	0 . 2 μm	100	1615
FCNM 4745	47	0.45 μm	100	1615
FCNM 4765	47	0.65 µm	100	1915
FCNM 4708	47	0 . 8 μm	100	1805
FCNM 4712	47	1.2 µm	100	2735
FCNM 4720	47	2.0 µm	100	2610
FCNM 4730	47	3.0 µm	100	2660
FCNM 4750	47	5.0 µm	100	2755
FCNM 4780	47	8.0 µm	100	3325
FCNM 9002	90	0 . 2 μm	100	2375
FCNM 9045	90	0.45 μm	100	2375
FCNM 9008	90	0.8 µm	100	2850

PM 2.5 AIR MONITORING MEMBRANE

Filter Media - PTFE & Support Ring Media : Polypropylene.

Cat. No.	Size In (mm)	Pore Size	Circles/Sheets Per Pack	Price per pack (₹)
FPTFEM 46220	46.2	2.0 µm	50	10155

GLASS FIBER (GF) PRE FILTERS

	7 2			
Cat. No.	Size In (mm)	Pore Size	Circles/Sheets Per Pack	Price per pack (₹)
FGFP 14215	142	1.5 µm	50	2688
FGFP 29315	293	1.5 µm	50	4625
FGFP 29320	293	2.0 µm	50	4625







LAB CLEANING PRODUCTS



S. No.	Item Descriptions	Price Per Pack (₹)
1	LINT WIPES PACK (LARGE SIZE) Sheet Size - 38 x 60 cm 100 Sheets in a Pack	635.00
2	LINT WIPES PACK (SMALL SIZE) Sheet Size - 14.5 x 20 cm 280 Sheets in a Pack	285.00
3	LAB TISSUE PAPER ROLL Spool Size - 10 x 9.8 cm 280 Spools in a Pack	60.00
4	LENS CLEANING TISSUE PAPER PACK Sheet Size - 10 x 15 cm 100 Leaves in a Pack	75.00

WAX PAPER

We have developed wax paper specifically required in testing labs for various applications.

Standard sheet size is 510×760 mm and Paper GSM 75/80. For minimum order quantity of 500 kg we can supply size and thickness as per requirement.

Prices will be quoted on request









SMOOTH FILTERS PAPER FOR PRODUCTION APPLICATIONS

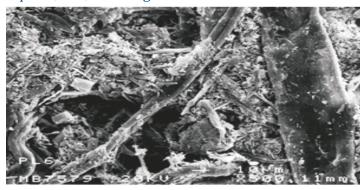
Ref.	Grammage gr/m ²	Thickness mm	Applications	
1300G	85	0.180	Prefiltration before filter disks	
SM90	90	0.190	Retention of carbon active particles, mineral waters and very fine particles.	
1055	100	0.240	Essences filtration, galvanizing industry. Protection of disks in filter presses for wines, liquors, vinegars, et	
1300/110	110	0.250	Quick filtration of large volumes for the retention of thick particles. Filtration of emulsions and ink.	
1300/125	125	0.250	Chemical products	
1300/140	140	0.290	Resines, lacquers and additives	
F150	150	0.300	Water from boilers and clear liquids	
1301/160	160	0.380	Filtration odf turbid liquids, extracts and juices.	
1301/190	185	0.410	Filtration of chemical products and edible oils. Absorbents in the graphic industry.	
1301/190S	185	0.400	High resistance to moist state. Filtration in press filters with high pressure	
1301/150	250	0.580	Clarification of liquids, oils and cosmetics.	
1301/180	280	0.444	Filtration of mineral oils, hydrocarbons, lacquers	
1301/300	300	0.650	Mineral oils (big motors, machines, electrical transformers)	
1301/320	320	0.720	Turbines oils, transformers, hydraulics, motor lubricants Aceites de turbinas, transformers	
1301/350	350	0.780	Medium filtration, Resistant to the moist state.	
1516P	375	0.980	Glavanic industry, very dense and dirty mineral oils.	
1516	390	0.930	Glavanic industry, oils, turbid mineral oils. Absorbent for liquids	
1301/400	400	0.750	Filtration of nutritional additives.	
1301/400K	400	0.750	Fine filtration mineral waters Filtration of clear liquids and with poor density.	
1301/450	450	0.990	Filtration or clarifications in the chemical industry Alcohols, filtration of water from boilers.	
1301/500	500	1.130	Polishing of edible oils, soaking of industrial substances.	
1345	160	0.400-0.450	Carbon active paper. Liquids bleaching, galvanic industry chemical products.	
1346	170	0.450-0.500	Active carbon filter paper, food grade.	





FILTER SHEETS/PADS FOR PRODUCTION APPLICATIONS

Filtration of chemical products, pharmaceuticals, cosmetics, additives, fat emulsions, fruit juices, liquors, oils, bewarage...



Description

The filtration of liquids through the use of filter presses and filter disks is nowadays a system that is still much used for: industrial liquids, food, drinks, cosmetics. Filter sheets are made of pure cellulose and cotton fibers, Diatom soil, pearls and polyethylene fibers in some cases. This composition provides to this filtration method some interesting characteristics:

Excellent performance

The cellulose structure creates of the plates increase the retentive effect which, combined with the high positive zeta potential provide polyethylene fibers are retained, also causes small particles and negatively charged colloids.

Quality

The Filtros (UK) filter disks are manufactured according to the quantity system ISO 9001-2015 All specific production parameters are monitored continuously during the whole manufacturing process.

Resistance

Thanks to the using inert polymers during the production process ensures that these plates are resistant to humid environments, even at concrete temperature.

APPLICATIONS

- (A) Drinks: wine, grape juice, liquor, beer, cider, vinegar, mineral water, fruit juices, spirits, etc.
- (B) Chemicals: resins, lacquers, stains, dyes, alcohols.
- (C) Edible oils: olive, refined, seed, etc.
- (D) Foodstuffs essences, syrups, additives, gelatin, fructose, glucose, vegetable extracts, etc.
- (E) Pharmaceuticals: serum and plasma solutions, ophthalmic solutions, vaccines, etc.
- (F) Cosmetics and perfumes: fragrances, scents, colognes.
- (G) Hydrocarbons: gasoline, lubricants, mineral oils.

20 x 20 | 40 x 40 | 60 x 60

Dimension: measures in cm

Presentation: 20 x 20 cm: boxes of 400 units

40 x 40 cm: boxes of 100 units 60 x 60 cm: boxes of 50 units

Other formats and dimension available under demand.

TECHNICAL SPECIFICATIONS

Ref.	Effect	Grammage	Thickness	Density	Flow	Ash	Nominal retention
		gr/m²	mm	g/cm³	I/min x m ²	%	μm
PF-10	Breaker Down	700-825	3.20-3.70	0.20-0.27	1250	< 2	40.0-50.0
PF-30	Breaker Down	desgrose	2.90-3.50	0.21-0.30	1110	17-21	7.0-11.0
PF-35	Breaker Down	950-1075	3.50370	0.26-0.31	950	22-27	4.0-7.0
PF-50	Clarifier	875-1000	2.10-2.30	0.38-0.48	235	30-37	3.0-4.0
PF-395	Medium polisher	1050-1200	3.40-3.70	0.28.0.35	600	37-43	3.5-5.5
PF-595	Medium polisher	1150-1300	3.40-3.70	0.31-0.38	200	36-42	2.0-3.0
PF-795	Medium polisher	1150-1300	3.40-3.60	0.32-0.38	120	38-44	1.0-2.25
PF-995	Sterile	1450-1600	3.50-4.00	0.36-0.46	55	36-42	0.4-0.6
PF-997	Sterile	1400-1600	3.60-4.10	0.34-0.44	67	44-50	0.25-0.45

Prices will be quoted on request.







TERMS OF SALE

- All Price quoted in this list are in Indian Rupees
- GST rate mentioned in the price list is applicable at the time of printing of the price list. Whoever GST rate shall be changed as applicable at the time of supply.
- This Price list cancels our old price-list. The Price quoted are those applicable at the time of printing and are subject to alteration without notice. All price given in this list are understood to be ex-our or our authorised distributor's godown. We reserve the right to invoice goods at prices ruling on the date of dispatch.
- Orders of only standard packs shall be accepted.
- All expenses of packing, forwarding, freight/courier charges are extra.
- Our products are packed with utmost care and forward 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.
- Goods can be insured at customer's request at 1.5% of the invoice value. Charges for such insurance will we made in the invoice.
- 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, altered without any prior notice.
- The above terms are not applicable for the customers with whom we have government rate contract.
- All transactions are subjected to JAIPUR Jurisdiction only.
- Separate price & terms shall be submitted for overseas (export) sales.







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FILTROS INDIA (Unit of Neeraj Exports)

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Jaipur-302029 (Rajasthan) INDIA

Marketing Office: Flat No. 206, Siddha Regal Apt.

D-262, Devi Marg, Banipark, Jaipur - 302016

(Rajasthan) INDIA

(M) +91 9829744716, +91 9352910190, +91 9588072447

sales.filtrosindia@gmail.com, sales.chemlab@gmail.com

FILTROS (UK) LIMITED

CND PARKER...

Thomas Ford House, 23-24 Smithfield Street

London-EC1A 9LF (UNITED KINGDOM)

Email: filtrosuk@yahoo.com Website: www.filtrosuk.co.uk

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