LIT

LIT Filtration Products

Pricelist 2026 – 2027

ABOUT LIT FILTRATION PRODUCTS

Product Range

LIT Filtration Products offer a comprehensive range of laboratory filtration and separation solutions developed to meet the practical requirements of analytical, research, quality control, and industrial laboratories.

The product portfolio includes:

- Qualitative Filter Papers
- Quantitative & Ashless Filter Papers
- Low Ash Filter Papers
- Glass Microfiber Filters
- Cellulose Extraction Thimbles
- Membrane Filters
- Syringe Filters
- Micro-filtration and separation accessories

All products are designed to support a wide spectrum of laboratory applications, from routine analysis to critical testing, while maintaining uniform performance characteristics.

Quality & Consistency

LIT products are selected and supplied with a strong emphasis on consistency, reliability, and repeatable performance. Controlled quality parameters ensure stable filtration behaviour, dependable particle retention, and predictable flow characteristics across batches.

Each product batch is supported with appropriate quality documentation, enabling laboratories to operate with confidence in both routine and regulated environments.

Brand & Market Presence

LIT® is a **registered and trademarked filtration brand of Clairofilt India**, developed with a focused approach towards laboratory filtration technologies. The brand is positioned to serve academic institutions, industrial laboratories, research centres, and government organisations, with availability aligned to institutional and public-sector procurement requirements, including GeM.

Application Areas

- Analytical & Quality Control Laboratories
- Research & Development
- Educational Institutions
- Pharmaceutical, Chemical & Industrial Laboratories
- Environmental & Food Testing Laboratories

Certificates


Otabu

Certificate of Registration

CLAIROFILT INDIA

GR. FLOOR, G3, BUILDING NO 2, SINI ARCADE, KASHELI, BHIWANDI, THANE, MAHARASHTRA - 421302, INDIA

has been assessed and Certified by Otabu Certification Pvt. Ltd. as meeting the requirements of:

ISO 9001:2015

Quality Management System

For the following scope of activities:

MANUFACTURING, TRADING, IMPORT AND EXPORT OF CHEMICALS, GLASSWARE AND ALLIED LABORATORY PRODUCTS

Issue No : 01
Date of Certification: 12 March 2024
1st Surveillance Due: 11 March 2025
Revision No ( ) : NA
2nd Surveillance Due: 11 March 2026
Recertification Due: 11 March 2027
(subject to the company maintaining its system to the required standard)

Certificate No:- 03112Q247524
To Verify this Certificate please visit at www.otabucert.com

IAF EGAC

Dr. Anita Gupta (Managing Director)

*Validity of the certificate is subject to successful completion of surveillance audit on or before due date (in case surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawal). *This Certificate of Registration remains the Property of Otabu Certification Pvt. Ltd. and shall be returned immediately upon request.
Otabu Certification Pvt. Ltd., RZ-9 (Ground Floor), Prem Nagar, Uttam Nagar, New Delhi-110059 (India)


प्रारूप आरजी - 2
Form RG - 2

भारत सरकार
Government of India
व्यापार चिन्ह रजिस्ट्री
Trade Marks Registry
व्यापार चिन्ह अधिनियम, 1999
Trade Marks Act, 1999
व्यापार चिन्ह के रजिस्ट्रीकरण का प्रमाणपत्र, धारा 23 (2), नियम 56 (1)
Certificate of Registration of Trade Mark, Section 23 (2), Rule 56 (1)

क्रमांक No. 2741663

Trade Mark No. 4752480 Date 22/11/2020 J. No. 1979

Certified that Trade Mark / a representation is annexed hereto, has been registered in the name(s) of :-
MRS. MAJIRI KELKAR TRADING AS CLAIROFILT INDIA, G-3, BUILDING NO 2, GROUND FLOOR, SINI ARCADE, KASELI TALUKA BHIWANDI, PIN 421302, Proprietor, (Single Firm)

In Class 16 Under No. 4752480 as of the date 22 November 2020 in respect of

FILTER PAPER INCLUDED IN CLASS 16

Trade Mark as annexed

Sealed at my direction, this 17th day of May, 2021

व्यापार चिन्ह रजिस्ट्री
Trade Marks Registry MUMBAI

व्यापार चिन्ह रजिस्ट्रार
Registrar of Trademarks

Registration is for 10 years from the date of application and may then be renewed for a period of 10 years and also at the expiration of each period of 10 years.
This certificate is not for use in legal proceedings or for obtaining Registration abroad.
Note: Upon any change of ownership of this Trademark, or change in address of the principal place of business or address for service in India a request should AT ONCE be made to register the change.

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Trade Mark No. 4752480
Annexure of Certificate No.: 2741663
Date 22/11/2020

LIT

ISO 9001:2015 **Trademark Certificate**

LIT is a complete laboratory solution brand also offering the following product ranges:

LABORATORY CHEMICALS

LIT provides a wide portfolio of laboratory chemicals covering inorganic salts, acids, bases, solvents, and specialty reagents, suitable for academic, industrial, and research laboratories. Products are available in high-purity grades including AR, HPLC, GC, and LR, ensuring reliability, accuracy, and compliance with demanding analytical requirements.

Laboratory Glassware

The LIT glassware range includes beakers, flasks, pipettes, burettes, measuring cylinders, funnels, and related laboratory assemblies, manufactured from high-quality borosilicate glass. Designed for thermal resistance, chemical durability, and dimensional accuracy, LIT glassware supports safe and precise laboratory operations.

TECHNICAL PARAMETERS OF FILTER PAPER

01. BASIS WEIGHT (GRAMMAGE) - Unit: g/m^2
Represents the mass (in grams) of one square metre of paper. Basis weight is determined by weighing a paper sample (typically cut between 500–1000 mm) on a precision balance with about 0.5% allowable error, then calculating using the area.
Formula: $g = (m/A) \times 10{,}000$
Where m = mass of sample (g) and A = area of sample (cm^2).

02. THICKNESS - Unit: *mm*
Thickness is the distance between the two faces of the paper. It is measured using a micrometer under a defined/static load, as per applicable standard test practice.

03. ASH CONTENT -Unit: *%*
Ash content is calculated from the difference in weight between the calcination residue (obtained after heating in a muffle furnace at ~800°C using a platinum/porcelain crucible) and a 10 g filter paper specimen that is fully moisture-free, as per the prescribed calculation method.

04. PORE SIZE -Unit: *µm*
Pore size is determined as the mean/median value measured using a pore measuring instrument. This parameter is used to represent the effective pore structure of the filter paper.

05. KLEMM METHOD (CAPILLARY RISE OF WATER) -Unit: *mm/10 min*
This indicates how far water rises by capillary action in 10 minutes when a strip of filter paper is held vertically with one end dipped into distilled water at ~20°C.

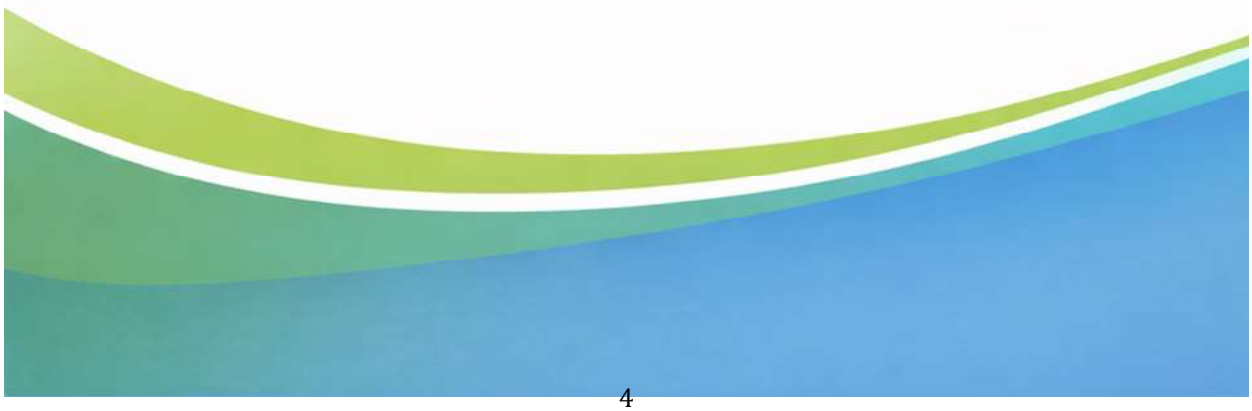
06. PARTICLE RETENTION - Unit: *µm*
Indicates the lower particle size range effectively retained by the filter. This parameter is commonly used for papers designed for depth retention, where particles are trapped through physical and chemical interactions within the fibre network.
Retention performance is often demonstrated using standard precipitates (e.g., iron(III) oxyhydrate, lead sulphate, calcium oxalate, barium sulphate), and is linked with the paper's permeability and structure.

07. DRY BURSTING STRENGTH - Unit: *kPa*
For measurement, the paper is clamped over a rubber diaphragm with a defined test area (typically 10 cm^2). Air pressure is increased progressively until the paper bursts. The bursting value is reported in kPa.

08. TENSILE STRENGTH - Unit: *N/15 mm*
A paper strip (typically 180 × 15 mm) is subjected to tensile loading (increasing force/weight) until tearing. The force at the point of rupture represents tensile strength and is expressed as N/15 mm.

09. FILTRATION SPEED - Unit: *seconds (s)*
Filtration speed is determined by measuring the time required for 10 mL distilled water to pass through a quadrant-folded, freely suspended filter circle (typically 12.5 cm diameter). Results are expressed in seconds.

10. WET STRENGTH - Unit: *(reported as tensile or bursting value)*
Wet strength represents the mechanical stability of the paper in moist/wet condition. It is commonly evaluated using tensile strength and/or bursting strength principles under wet conditions.



PROPERTIES OF LIT FILTER PAPER

QUALITATIVE FILTER PAPERS

LIT Code	Particle Retention (µm)	Filtration Speed	Ash %	Thickness (mm)	Weight (g/m²)
5001	10–12	Medium	≤0.06	0.18	87–100
5002	7–9	Medium Slow	≤0.06	0.19	95–110
5003	5–7	Slow	≤0.06	0.19	115–130
5004	20–25	Fast	≤0.06	0.21	95–105
5005	2–3	Very Slow	≤0.06	0.19	95–100

ASHLESS QUANTITATIVE FILTER PAPERS

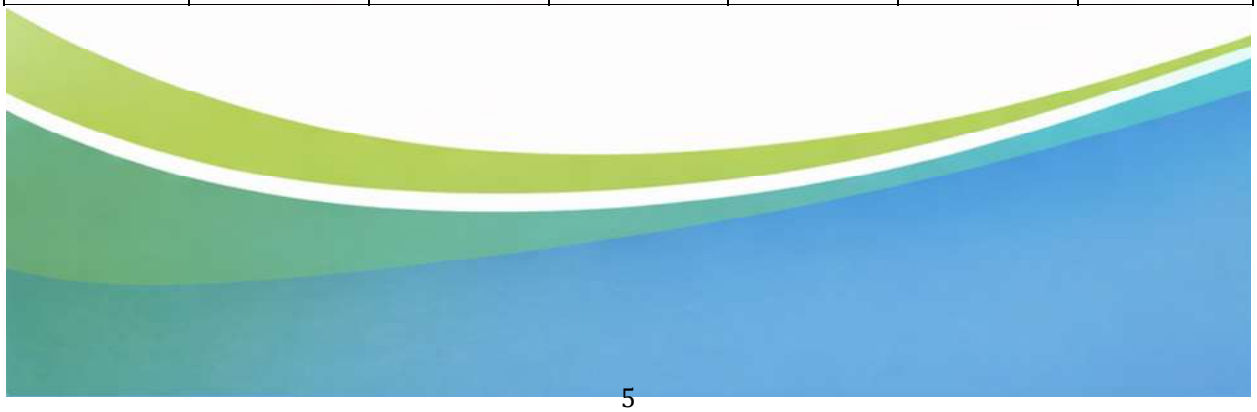
LIT Code	Particle Retention (µm)	Filtration Speed	Ash %	Thickness (mm)	Weight (g/m²)
6040	7–9	Medium Slow	≤0.007	0.21	95–100
6041	20–25	Fast	≤0.007	0.22	85–97
6042	2–3	Very Slow	≤0.007	0.20	100–102
6043	15–17	Medium Fast	≤0.007	0.22	95–97
6044	3–4	Slow	≤0.007	0.18	90–95

HARDENED ASHLESS FILTER PAPERS

LIT Code	Particle Retention (µm)	Filtration Speed	Ash %	Thickness (mm)	Weight (g/m²)
6540	7–9	Medium Slow	≤0.007	0.17	85–87
6541	20–25	Fast	≤0.007	0.16	77–80
6542	2–4	Very Slow	≤0.007	0.17	95–97

GLASS MICROFIBER FILTERS

LIT Code	Reference Grade	Particle Retention (µm)	Filtration Speed	Ash %	Thickness (mm)	Weight (g/m²)
CTGFAA	GF/A	1.6	60	NA	0.26	52
CTGFBB	GF/B	1.0	200	NA	0.70	143
CTGFCC	GF/C	1.2	98	NA	0.26	52
CTGFDD	GF/D	2.7	40	NA	0.68	120
CTGFFF	GF/F	0.7	330	NA	0.43	75
CTMEPM2000	EPM 2000	NA	NA	NA	0.45	80
CTGFAH6	934-AH	1.5	47	NA	0.33	64



Ashless Quantitative Filter Papers

Ashless quantitative filter papers are designed for critical analytical and gravimetric applications where extremely low ash content is essential. These papers produce negligible inorganic residue after ignition and are suitable for precise quantitative determinations.

LIT Code	Reference Grade	Particle Retention (µm)	Filtration Speed	Ash Content (%)	Thickness (mm)	Basis Weight (g/m^2)
6040	1040	7–9	Medium Slow	≤ 0.007	0.21	95–100
6041	1041	20–25	Fast	≤ 0.007	0.22	85–97
6042	1042	2–3	Very Slow	≤ 0.007	0.20	100–102
6043	1043	15–17	Medium Fast	≤ 0.007	0.22	95–97
6044	1044	3–4	Slow	≤ 0.007	0.18	90–95

Typical Applications:

- Gravimetric analysis
- Determination of suspended solids
- Analysis of very fine precipitates
- Soil and environmental analysis
- Food and pharmaceutical testing

Grade-wise Technical Description

CT 6040 (Reference Grade 40) - Designed for routine gravimetric analysis where medium filtration speed is required.
Typical particle retention: ~8 µm.
Extremely low ash content ensures accurate residue determination after ignition.

CT 6041 (Reference Grade 41) - General-purpose ashless quantitative filter paper with balanced filtration speed and retention.
Typical particle retention: 7–9 µm.
Widely used in quantitative chemical analysis and gravimetric procedures.

CT 6042 (Reference Grade 42) - Fine particle retention grade suitable for very fine precipitates.
Typical particle retention: ~2.5 µm.
Ensures high purity filtrate and consistent analytical performance.

Ashless Quantitative Filter Paper

Product Code	Ref Grade	Size (mm)	Pack	Price (INR)
CT 6040-12.7 -400C	40	12.7	400	2582
CT 6040-12.7 -400C	40	70	100	2503
CT 6040-090 -100C	40	90	100	3231
CT 6040-110 -100C	40	110	100	3791
CT 6040-125 -100C	40	125	100	4676
CT 6040-150 -100C	40	150	100	6132
CT-6040-185-100C	40	185	100	10209
CT 6040-4657 -100S	40	460x570	100	65660
CT 6041-070 -100C	41	70	100	2694
CT 6041-090 -100C	41	90	100	3265
CT 6041-110 -100C	41	110	100	4396
CT 6041-125 -100C	41	125	100	4855
CT 6041-150 -100C	41	150	100	6401
CT 6041-185-100C	41	185	100	10220
CT 6041-4657 -100S	41	460x570	100	60508
CT 6042-090 -100C	42	90	100	3209
CT 6042-110 -100C	42	110	100	3914
CT 6042-125 -100C	42	125	100	4642
CT 6042-150 -100C	42	150	100	6177
CT 6042-4657 -100S	42	460x570	100	55210
CT 6043-110 -100C	43	110	100	5359
CT 6043-125 -100C	43	125	100	4945
CT 6044-110 -100C	44	110	100	4508
CT 6044-125 -100C	44	125	100	4799
CT 6050-110 -100C	50	110	100	5617
CT 6050-125 -100C	50	125	100	6098
CT 6050-150 -100C	50	150	100	9212
CT 6050-185 -100C	50	185	100	13401
CT 6052-110-100C	52	110	100	6188
CT 6052-125 -100C	52	125	100	7118
CT 6054-110 -100C	54	110	100	5326
CT 6054-125 -100C	54	125	100	6591
CT 6054-150 -100C	54	150	100	9223
CT 6054-185 -100C	54	185	100	13759
CT 6054-4657 -100S	54	460x570	100	117146
CT 60540-110 -100C	540	110	100	5482
CT 60540-125 -100C	540	125	100	6188
CT 60540-150 -100C	540	150	100	9503
CT 60541-110 -100C	541	110	100	5516
CT 60541-125 -100C	541	125	100	5527
CT 60541-150 -100C	541	150	100	9402
CT 60542-110 -100C	542	110	100	6255
CT 60542-125 -100C	542	125	100	6658
CT 60542-150 -100C	542	150	100	10354

ASHLESS CLIPPING

Ashless clipping is finely cut ashless filter paper material intended for sample preparation, absorption, and gravimetric procedures where negligible ash residue after ignition is required.

Product Code	Ref	Size (mm)	Pack	Price (INR)
CT 2703-500G		500 g	1	7890

QUALITATIVE FILTER PAPERS

Qualitative filter papers are intended for routine laboratory filtration where qualitative separation and clarity of filtrate are required. These papers are widely used for general filtration, clarification, and sample preparation applications.

LIT Code	Ref Grade	Particle Retention (µm)	Filtration Speed	Ash (%)	Thickness (mm)	Basis Weight (g/m^2)
CT 5001	1	10–12	Medium	≤ 0.06	0.18	87–100
CT 5002	2	7–9	Medium Slow	≤ 0.06	0.19	95–110
CT 5003	3	5–7	Slow	≤ 0.06	0.19	115–130
CT 5004	4	20–25	Fast	≤ 0.06	0.21	95–105

- **CT 5001 (Ref. 1):** Medium filtration speed grade suitable for routine clarification and general laboratory filtration.
- **CT 5002 (Ref. 2):** Slightly finer retention with medium-slow flow, commonly used for improved clarity in routine work.
- **CT 5003 (Ref. 3):** Fine retention grade for slower filtration where higher particle capture is required.
- **CT 5004 (Ref. 4):** Fast filtration grade designed for coarse precipitates and rapid filtration needs.

QUALITATIVE FILTER PAPERS

Product Code	Ref Grade	Size (mm)	Pack	Price (INR)
CT 5001-025-100C	1	25	100	5281
CT 5001-047-100C	1	47	100	1406
CT 5001-070-100C	1	70	100	1462
CT 5001-090-100C	1	90	100	1238
CT 5001-110-100C	1	110	100	1350
CT 5001-125-100C	1	125	100	1529
CT 5001-150-100C	1	150	100	1798
CT 5001-185-100C	1	185	100	2682
CT 5001-240-100C	1	240	100	5723
CT 5001-320-100C	1	320	100	7162
CT 5001-4657-100S	1	460x570	100	14622
CT 5001-4657-500S	1	460x570	500	53194
CT 5002-070-100C	2	70	100	1562
CT 5002-090-100C	2	90	100	1518
CT 5002-110-100C	2	110	100	1708
CT 5002-125-100C	2	125	100	1820
CT 5002-150-100C	2	150	100	2738
CT 5002-4657-100S	2	460x570	100	24063
CT 5003-070-100C	3	70	100	2335
CT 5003-090-100C	3	90	100	2548
CT 5003-110-100C	3	110	100	2391
CT 5003-125-100C	3	125	100	3287
CT 5003-150-100C	3	150	100	3623
CT 5003-4657-100S	3	460x570	100	45209
CT 5004-070-100C	4	70	100	1305
CT 5004-090-100C	4	90	100	1473
CT 5004-110-100C	4	110	100	1742
CT 5004-125-100C	4	125	100	2044
CT 5004-150-100C	4	150	100	2862
CT 5004-185-100C	4	185	100	4228
CT 5004-240-100C	4	240	100	7521
CT 5004-320-100C	4	320	100	11855
CT 5004-4657-100S	4	460x570	100	30570
CT 5005-110-100C	5	110	100	1921
CT 5005-125-100C	5	125	100	2426

QUALITATIVE FILTER PAPERS – PREMIUM GRADE

Premium grade qualitative filter papers are manufactured with enhanced fiber uniformity and purity to deliver improved consistency, clarity of filtrate, and reproducible performance in demanding laboratory filtration applications.

Product Code	Ref Grade	Size (mm)	Pack	Price (INR)
CT 5001C-070-100C	1	70	100	1771
CT 5001C-090-100C	1	90	100	1485
CT 5001C-110-100C	1	110	100	1606
CT 5001C-125-100C	1	125	100	1826
CT 5001C-150-100C	1	150	100	2123
CT 5001C-4657-100S	1	460x570	100	20482
CT 5001C-4657-500S	1	460x570	500	82390

CHROMATOGRAPHY PAPERS

Chromatography papers are specially processed papers used for qualitative separation and identification of compounds based on differential migration of components in a solvent system. They are widely used in analytical laboratories for educational, research, and routine chromatographic applications.

Product Code	Ref Grade	Size (mm)	Pack	Price (INR)
CHR1-4657-100S	CHR1	460x570	100	44100
CHR3-4657-100S	CHR3	460x570	100	70958

GLASS MICROFIBER FILTERS

Glass microfiber filters are manufactured from binder-free borosilicate glass fibers and are characterized by high loading capacity, fast filtration speed, and excellent chemical resistance. They are widely used for air monitoring, gravimetric analysis, environmental testing, and general laboratory filtration.

LIT Code	Ref Grade	Particle Retention (µm)	Thickness (mm)	Basis Weight (g/m^2)	Filtration Speed	Typical Applications
CTGFA	GF/A	1.6	0.26	53	Fast	Air monitoring, gravimetric analysis
CTGFB	GF/B	2.7	0.36	133	Very Fast	Clarification, particulate filtration
CTGFC	GF/C	1.2	0.26	53	Fast	General laboratory filtration
CTGFD	GF/D	2.7	0.68	121	Very Fast	High flow, coarse particulates
CTGFF	GF/F	0.7	0.42	75	Medium	Environmental & analytical testing

- **CTGFA (GF/A):** General-purpose glass microfiber filter with balanced retention and fast flow, suitable for routine analytical and air monitoring applications.
- **CTGFB (GF/B):** Coarser grade offering very fast filtration and high loading capacity, ideal for clarification and particulate removal.
- **CTGFC (GF/C):** Widely used grade providing good particle retention with rapid filtration for general laboratory use.
- **CTGFD (GF/D):** Very coarse structure designed for high flow rate applications and filtration of larger particulates.
- **CTGFF (GF/F):** Fine retention grade suitable for environmental analysis, water testing, and critical analytical procedures.

Glass Microfiber Filters

Product Code	Ref Grade	Size (mm)	Pack	Price (INR)
GFAA-081 -100S	GF/A	203x254	100	30223
GFAA-025 -100C	GF/A	25	100	3164
GFAA-037 -100C	GF/A	37	100	4250
GFAA-047 -100C	GF/A	47	100	4530
GFAA-055-100C	GF/A	55	100	6289
GFAA-070 -100C	GF/A	70	100	6770
GFAA-090 -100C	GF/A	90	100	8954
GFBB-025 -100C	GF/B	25	100	3959
GFBB-037 -100C	GF/B	37	100	7297
GFBB-047 -100C	GF/B	47	100	7174
GFBB-070 -100C	GF/B	70	100	13328
GFBB-090 -100C	GF/B	90	25	6412
GFCC-025 -100C	GF/C	25	100	3097
GFCC-037 -100C	GF/C	37	100	4732
GFCC-047 -100C	GF/C	47	100	4553
GFCC-070 -100C	GF/C	70	100	9537
GFCC-090 -100C	GF/C	90	100	9951
GFCC-125 -100C	GF/C	125	100	16525
GFCC-150 -100C	GF/C	150	100	20009
GFDD-025 -100C	GF/D	25	100	3993
GFDD-037 -100C	GF/D	37	100	6322
GFDD-047 -100C	GF/D	47	100	7879
GFDD-070 -100C	GF/D	70	100	12045
GFDD-090 -100C	GF/D	90	25	5505
GFFF-025 -100C	GF/F	25	100	6759
GFFF-037 -100C	GF/F	37	100	15092
GFFF-047 -100C	GF/F	47	100	13647
GFFF-070 -100C	GF/F	70	100	22047
GFFF-090 -100C	GF/F	90	25	11250
MEPM2000-081-100A	MEPM2000	203X254	100	60542
GFFAH-6-42.5-100C	934-AH	42.5	100	6602
GFFAH-6-47-100C	934-AH	47	100	8002
GFFAH-6-055-100C	934-AH	55	100	9268

Cellulose Extraction Thimbles

Grade Reference: CET-603

Product overview

- High-alpha cellulose extraction thimbles designed for reliable Soxhlet and solvent-extraction workflows.
- Consistent retention and excellent wet strength; dimensions matched for secure fit in standard thimble holders.

Typical applications

- Soxhlet extraction of semi-solids and solids (fats, oils, additives, contaminants).
- Residue/pesticide analysis in food and soil testing.
- Automatic extraction systems and stack/ambient air monitoring (including cold-stack air monitoring).
- Extraction/quantification of components from industrial materials such as paints, cosmetics, varnishes and lacquers.

TECHNICAL SPECIFICATIONS

Property	Value / Unit
Tolerance – Internal Diameter	+0 / −0.5 mm
Tolerance – External Height	±1 mm
Wall Thickness	1.5 mm ± 0.5 mm
Ash Content	< 0.1 %

Cellulose Extraction Thimbles

Product Code	Ref Grade	Size (mm)	Pack	Price (INR)
CET-603-1990	603	19 x 90	25	7554
CET-603-2660	603	26 x 60	25	7554
CET-603-2280	603	22 x 80	25	7655
CET-603-2580	603	25 X 80	25	7554
CET-603-2880	603	28 X 80	25	7554
CET-603-3080	603	30 X 80	25	7554
CET-603-3380	603	33 X 80	25	8977
CET-603-25100	603	25 X 100	25	7554
CET-603-28100	603	28 X 100	25	7599
CET-603-30100	603	30 X 100	25	7554
CET-603-30118	603	30 X 118	25	8977
CET-603-33118	603	33 X 118	25	8977
CET-603-33118	603	35 x 150	25	10186
CET-603-43123	603	43 X 123	25	11150

Syringe Filters

Syringe filter variants (representative packs).

Syringe filters are ready-to-use membrane filters designed to quickly clarify and sterilize small-volume samples by removing particulates and microorganisms before analysis or HPLC/GC. Available in different membrane types (PTFE, PVDF, Nylon) and pore sizes, they ensure clean, consistent filtration with low extractables and reliable flow.

Price shown is for the listed pack/unit. Taxes and freight, if applicable, are extra unless stated otherwise.

Nylon Syringe Filters -Non Sterile

Nylon Syringe Filters (Non-Sterile) are hydrophilic membrane filters ideal for fast clarification of aqueous samples, removing particulates before HPLC/GC and routine lab analysis. They offer good flow rate and broad chemical compatibility for general-purpose filtration.

Product Code	Ref Grade	Size (mm)	Pack	Price (INR)
CTNSN1302	13 MM	0.2µm	100	3298
CTNSN1345	13 MM	0.45µm	100	3298
CTNSN2502	25 MM	0.2µm	100	3410
CTNSN2545	25 MM	0.45µm	100	3410
CTNSN3302	33 MM	0.2µm	50	2694
CTNSN3345	33 MM	0.45µm	50	2694

Nylon Syringe Filters – Sterile

Nylon Syringe Filters (Sterile) are pre-sterilized, hydrophilic membrane filters designed for particle removal and sterile filtration of aqueous samples prior to HPLC/GC and microbiology workflows. They provide consistent flow and reliable retention, helping ensure clean, contamination-free filtrates.

Product Code	Ref Grade	Size (mm)	Pack	Price (INR)
CTNS2545	25 MM	0.45µm	100	4530

PVDF Syringe Filters -Non Sterile

PVDF Syringe Filters (Non-Sterile) use a low protein-binding, hydrophilic membrane ideal for clean clarification of aqueous and mild organic samples before HPLC/GC or general analysis. They deliver high flow with low extractables, helping protect instruments and improve result consistency.

Product Code	Ref Grade	Size (mm)	Pack	Price (INR)
CTPVNS1302	13 MM	0.2µm	100	4262
CTPVNS1345	13 MM	0.45µm	100	4262
CTPVNS2502	25 MM	0.2µm	100	5326
CTPVNS2545	25 MM	0.45µm	100	5326

PVDF Syringe Filters -Sterile

PVDF Syringe Filters (Sterile) are pre-sterilized, low protein-binding hydrophilic membrane filters for sterile filtration and clarification of aqueous samples used in microbiology, cell culture prep, and analytical workflows. They offer high flow and low extractables for clean, consistent filtrates.

Product Code	Ref Grade	Size (mm)	Pack	Price (INR)
CTPVS2502	25 MM	0.2µm	100	8406
CTPVS2545	25 MM	0.45µm	100	8406

PTFE Syringe Filter -Non Sterile

PTFE Syringe Filters (Non-Sterile) feature a chemically resistant, hydrophobic membrane ideal for filtering solvents, aggressive chemicals, and non-aqueous samples before HPLC/GC. They provide fast flow with low extractables, ensuring clean filtrates and instrument protection.

Product Code	Ref Grade	Size (mm)	Pack	Price (INR)
CTPTSNS1302	13 MM	0.2µm	100	5852
CTPTSNS1345	13 MM	0.45µm	100	5852
CTPTSNS2502	25 MM	0.2µm	100	6384
CTPTSNS2545	25 MM	0.45µm	100	6384

PTFE Syringe Filter – Sterile

PTFE Syringe Filters (Sterile) are pre-sterilized, chemically resistant hydrophobic membrane filters designed for sterile filtration of solvents and harsh chemical samples for analytical and critical lab applications. They ensure clean, contamination-free filtrates with reliable performance and low extractables.

Product Code	Ref Grade	Size (mm)	Pack	Price (INR)
CTPTSS2502	25 MM	0.2µm	100	9576
CTPTSS2545	25 MM	0.45µm	100	9576

PES Syringe Filters- Non Sterile

PES Syringe Filters (Non-Sterile) use a hydrophilic, low-protein binding membrane ideal for fast clarification of aqueous samples for HPLC/GC and general lab analysis. They offer high flow rate and low extractables for clean, consistent filtrates.

Product Code	Ref Grade	Size (mm)	Pack	Price (INR)
CTPESNS2502	25 MM	0.2µm	100	7286
CTPESNS2545	25 MM	0.45µm	100	7286
CTPESNS3302	33 MM	0.2µm	50	3702
CTPESNS3345	33 MM	0.45µm	50	3702

PES Syringe Filters- Sterile

PES Syringe Filters (Sterile) are pre-sterilized, hydrophilic low-protein binding membrane filters designed for sterile filtration and clarification of aqueous samples in microbiology, cell culture, and analytical workflows. They provide high flow with low extractables for clean, reliable filtrates.

Product Code	Ref Grade	Size (mm)	Pack	Price (INR)
CTPESSF1302	13 MM	0.2µm	100	12774
CTPESSF1345	13 MM	0.45µm	100	12774
CTPESSF2502	25 MM	0.2µm	50	6838
CTPESSF2545	25 MM	0.45µm	50	6838

Glass Fiber Syringe Filters

Glass Fiber Syringe Filters use a depth-filter media to efficiently remove fine particulates from viscous or heavily loaded samples, helping prevent clogging and extend filtration capacity. They're ideal for pre-filtration before membrane syringe filters and for rapid clarification in routine lab work.

Product Code	Ref Grade	Size (mm)	Pack	Price (INR)
CTGFSY1310	13 MM	1.0µm	100	4049
CTGFSY2510	25 MM	1.0µm	100	7106
CTGFSY3310	33 MM	1.0µm	100	7106
CTGFSY2545	25 MM	0.45µm	100	7106

Air Vent Filters

Air Vent Filters are hydrophobic membrane filters designed to equalize pressure while blocking liquids and contaminants, ensuring safe, sterile airflow in closed containers and systems. Ideal for filtration units, solvent bottles, bioreactors, and vacuum/pressure applications where clean venting is required.

Product Code	Ref Grade	Size (mm)	Pack	Price (INR)
CTPTAVNS5002	50 MM	0.2µm	12	10086

Membrane Filters

Membrane filters (nylon example pack).

Membrane Filters are precision microporous filters used to separate particles and microorganisms from liquids or gases with consistent, reliable retention. Available in various materials and pore sizes, they're widely used in microbiology, water testing, sample preparation, and sterilizing filtration.

Price shown is for the listed pack/unit. Taxes and freight, if applicable, are extra unless stated otherwise.

Nylon (Ny) Membrane Filters

Nylon (Ny) Membrane Filters are hydrophilic membrane filters ideal for rapid filtration of aqueous samples, offering good flow rate and broad chemical compatibility. Commonly used for sample clarification, solvent filtration, and general laboratory filtration where reliable particle retention is needed.

Product Code	Ref Grade	Size (mm)	Pack	Price (INR)
CTNM1302	13 MM	0.2µm	100	1988
CTNM1345	13 MM	0.45µm	100	1988
CTNM1301	13 MM	0.1µm	100	2380
CTNM2502	25 MM	0.2µm	100	2615
CTNM2545	25 MM	0.45µm	100	3254
CTNM2501	25 MM	0.1µm	100	3254
CTNM4702	47 MM	0.2µm	100	3254
CTNM4745	47 MM	0.45µm	100	3254
CTNM4701	47 MM	0.1µm	100	3573
CTNM4708	47 MM	0.8µm	100	4245

PTFE HP-Membrane filters -Non Sterile

PTFE HP-Membrane Filters (Non-Sterile) are high-performance, chemically resistant hydrophobic membranes designed for fast filtration of solvents and aggressive chemical samples. They deliver reliable retention with low extractables, making them ideal for HPLC/GC sample prep and critical solvent filtration.

Product Code	Ref Grade	Size (mm)	Pack	Price (INR)
CTPTHPNS 1302	13 MM	0.2µm	100	9033
CTPTHPNS 1345	13 MM	0.45µm	100	9033
CTPTHPNS 2502	25 MM	0.2µm	100	10153
CTPTHPNS 2545	25 MM	0.45µm	100	10153
CTPTHPNS 4702	47 MM	0.2µm	100	14073
CTPTHPNS 4745	47 MM	0.45µm	100	14073

Mixed Cellulose Esters Membrane Filters (MCE)

Mixed Cellulose Esters (MCE) Membrane Filters are hydrophilic membranes known for high flow rate and uniform porosity, making them ideal for microbiological analysis and routine filtration. Commonly used for water testing, particle capture, and culture media filtration with consistent, reliable retention.

Product Code	Ref Grade	Size (mm)	Pack	Price (INR)
CTMCEM2502	25	0.2µm	100	2906
CTMCEM2545	25	0.45µm	100	2906
CTMCEM4702	47	0.2µm	100	3668
CTMCEM4745	47	0.45µm	100	3668

POLYVINYLIDENE FLUORIDE HYDROPHILIC (PVDF)

PVDF hydrophilic membrane filters are high-performance filtration media widely used in laboratory and pharmaceutical applications due to their excellent chemical resistance and low protein binding.

Product Code	Ref Grade	Size (mm)	Pack	Price (INR)
CTPVDFM1302	13 MM	0.2µm	100	4256
CTPVDFM1345	13MM	0.45µm	100	4256
CTPVDFM2502	25MM	0.2µm	100	5146
CTPVDFM545	25MM	0.45µm	100	5146
CTPVDFM4702	47MM	0.2µm	100	7207
CTPVDFM4745	47MM	0.45µm	100	7207

Cellulose Nitrate Membrane Filters- Non Sterile

Cellulose Nitrate Membrane Filters (Non-Sterile) are hydrophilic membranes with high flow and good particle retention, ideal for routine filtration and sample clarification. Widely used in microbiology and water testing for reliable capture of microorganisms and particulates.

Product Code	Ref Grade	Size (mm)	Pack	Price (INR)
CTCNFNS1302	13MM	0.2µm	100	1394
CTCNFNS1345	13MM	0.45µm	100	1394
CTCNFNS1301	25MM	0.1µm	100	2794
CTCNFNS2502	25MM	0.2µm	100	2906
CTCNFNS2545	25MM	0.45µm	100	2906
CTCNFNS2508	25MM	0.8µm	100	3455
CTCNFNS4701	47MM	0.1µm	100	3534
CTCNFNS4702	47MM	0.2µm	100	3668
CTCNFNS4745	47MM	0.45µm	100	3668
CTCNFNS4765	47MM	0.65µm	100	3668
CTCNFNS4708	47MM	0.8µm	100	3668
CTCNFNS4712	47MM	1.2µm	100	3668
CTCNFNS4720	47MM	2.0µm	100	3668
CTCNFNS4730	47MM	3.0µm	100	3668
CTCNFNS4750	47MM	5.0µm	100	3668
CTCNFNS4780	47MM	8.0µm	100	3668

Cellulose Nitrate Gridded Membrane Filters- Sterile

Cellulose Nitrate Gridded Membrane Filters (Sterile) are pre-sterilized, hydrophilic membranes with a printed grid pattern to support easy colony counting and accurate microbial enumeration. Ideal for membrane filtration techniques in water testing and microbiology, delivering consistent retention and high flow

Product Code	Ref Grade	Size (mm)	Pack	Price (INR)
CTCNFSG4547	47MM	0.45µm	100	3578

PM 2.5 Air Monitoring Membrane

PM 2.5 Air Monitoring Membranes are specialized filter media designed to capture fine airborne particulate matter (≤2.5 µm) for gravimetric and analytical air quality monitoring. They offer consistent retention and low background for accurate, repeatable sampling results.

Product Code	Ref Grade	Size (mm)	Pack	Price (INR)
CTPTFEM46220	46.2MM	2.0µm	50	11374

Cellulose Acetate (CA)Membrane Filter - Non Sterile

Cellulose Acetate (CA) Membrane Filters (Non-Sterile) are hydrophilic, low-protein binding membranes ideal for fast filtration and clarification of aqueous samples. They provide high flow with low extractables, making them suitable for general lab filtration and sample preparation.

Product Code	Ref Grade	Size (mm)	Pack	Price (INR)
CTCAM1302	13MM	0.2µm	100	2772
CTCAM1345	13MM	0.45µm	100	2503
CTCAM2502	25MM	0.2µm	100	3186
CTCAM2545	25MM	0.45µm	100	3847
CTCAM4702	47MM	0.2µm	100	6132
CTCAM4745	47MM	0.45µm	100	6132

Glass Fiber (Gf) Membrane Filters

Glass Fiber (Gf) Membrane Filters are depth-type filters designed for high dirt-holding capacity and rapid filtration of particulate-heavy or viscous samples. Ideal for pre-filtration and clarification, they help prevent clogging and improve throughput in routine lab workflows.

Product Code	Ref Grade	Size (mm)	Pack	Price (INR)
CTGFN1302	13MM	0.2µm	100	5393
CTGFN2502	25MM	0.2µm	100	3937
CTGFN4702	47MM	0.2µm	100	8977
CTGFN5002	50MM	0.2µm	100	7857
CTGFN1303	13MM	0.3µm	100	4497
CTGFN4730	47MM	3.0µm	100	4497

Notes & Terms

- Prices are subject to change without prior notice.
- Availability may vary by item and pack size.
- Please contact us for bulk requirements, institutional rate contracts, or custom sizes.

Certificates (ISO / trademark / company details) can be added as annexures at the end without publishing full address.

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