cytiva

Whatman™

Price List 2022

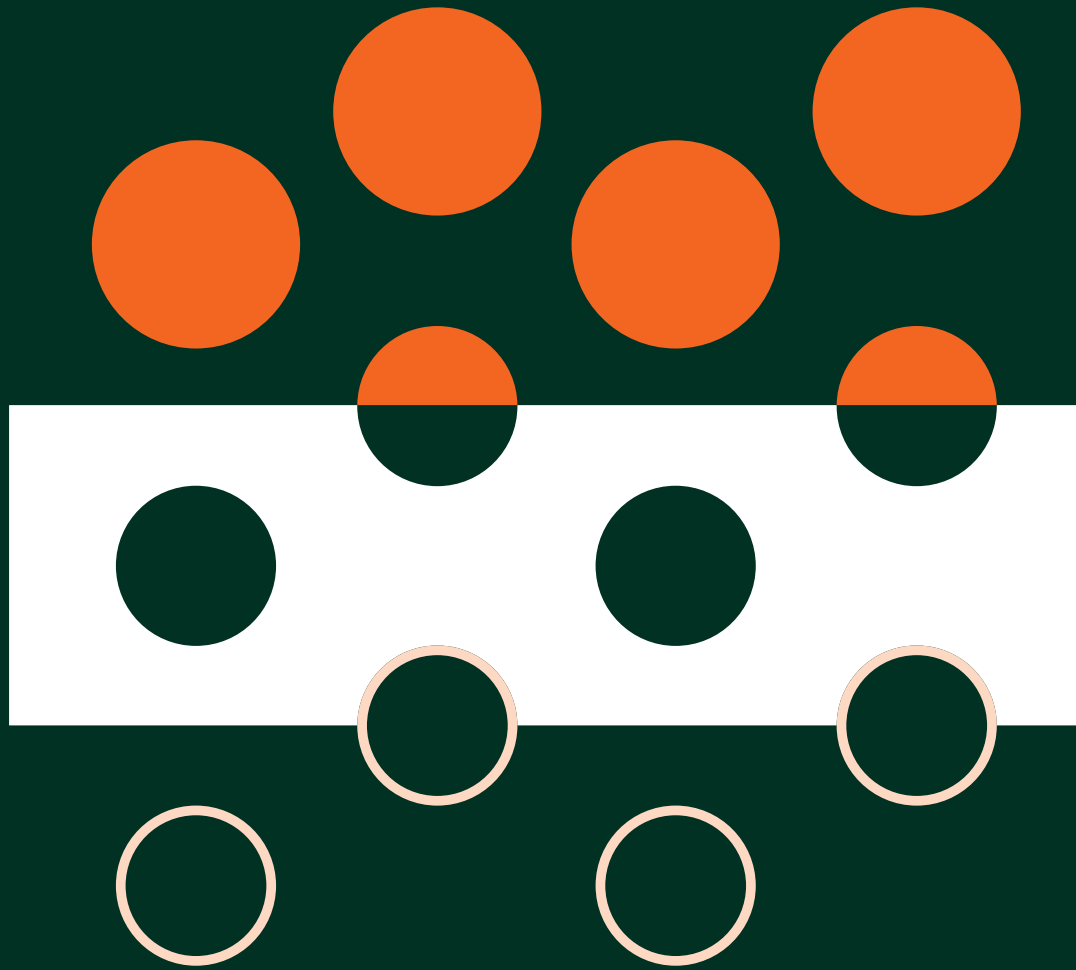
A trusted brand since 1740

Whatman™ filtration solutions: 250 years of innovation

Whatman filter papers, devices, membranes and speciality items to best fit your application.

All India Whatman INR list price effective from 1st April 2022, Ref.AWD/April 2022

Scan the QR code for product details



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Whatman™ filtration solution

No matter what your lab filtration challenge, there is a Whatman filtration solution

Here is a golden opportunity to explore all Whatman solutions at your convenience and place. Try your hand at Whatman and make an informed decision while choosing the products to improve your productivity and efficiency.

To get your exclusive Whatman sample box, scan the QR code below.

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Hyclone Life Sciences Solutions India Private Limited

John F. Welch Technology Center
Galileo Building, 122, EPIP Phase II,
Hoodi Village, Whitefield Road,
Bengaluru - 560066, Karnataka, India

We Hyclone Life Sciences Solutions India Pvt. Ltd., part of Cytiva (Formerly GE Healthcare Life Sciences) incorporated under the laws of India having its office registered John F. Welch Technology Center, Galileo Building, 122, EPIP Phase II, Hoodi Village, Whitefield Road, Bengaluru - 560066, Karnataka, India, would like to bring some facts to your attention. We are the licensee of the following registered Trademark in India, which is owned by Whatman™ International Ltd, formally known as Whatman™ Paper Limited.

Whatman™

The above mark has been registered in respect of "Chemical products used in science and industry and test papers (chemical) in Class 1", "Scientific instruments and apparatus included in class 9 "and "paper and paper articles included in Class 16". The Trademark Whatman™ has acquired a very high reputation and goodwill by virtue of long, extensive and continuous use. The said Trademark is associated and identified exclusively with the goods manufactured by Whatman™ International Limited/ Group cos and marketed by Hyclone Life Sciences Solutions India Pvt. Ltd.

It has from time to time come to the notice of Whatman™ International Limited and Hyclone Life Sciences Solutions India Pvt. Ltd., that some other persons occasionally try to manufacture and sell spurious goods under the above Trade Mark without our consent or authority, and by making their products and packaging look like products made by Whatman™ International Ltd. In certain cases, Whatman™ filter paper specifications and the grading notations similar to Whatman™ are being used to misguide the trade and public. This is considered objectionable to Whatman™ International Ltd and Hyclone Life Sciences Solutions India Pvt. Ltd who have taken action successfully against some traders in India for selling spurious goods. The spurious goods were seized and destroyed, and damages were paid.

We want to bring to your attention regarding the spurious goods so that you are not misguided in your trade relating to Whatman™ products. Further, we wish to encourage you to write to supportdesk.india@cytiva.com in an event you come across any spurious products bearing Whatman™ trademark.

Yours Sincerely,

For Hyclone Life Sciences Solutions India Pvt. Ltd.

SHARAD SINGH
SALES LEADER, WHATMAN – CYTIVA

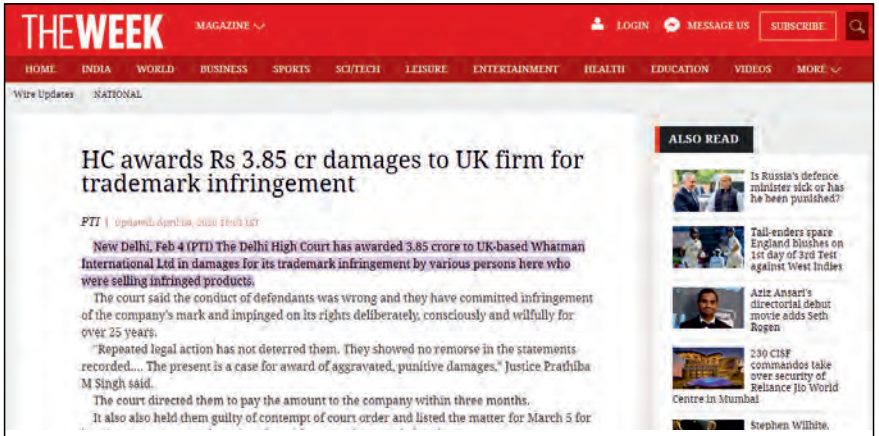
Successful action by Wipro GE Healthcare (now Cytiva*) against Whatman counterfeiter

We would like to bring some recent facts to your attention about the Whatman™ registered Trade Mark in India. Whatman™ range of products have been a preferred choice of filter papers across industry and academia, acquired a very high reputation over time by virtue of its quality.

The Whatman™ Trade Mark is associated and identified exclusively with the goods manufactured by Cytiva. From time to time, it has come to our notice the practice of manufacturing and selling spurious goods under the Whatman™ Trade Mark without consent or authority.

We are happy to inform you that we took successful action against some parties in India for selling spurious goods. The recent Judgement by Honorable Delhi High Court in favor of Whatman awarding damages against the defendants for Trade Mark infringements stands testimony to this.

We wish to encourage you to write to us at supportdesk.india@cytiva.com for any feedback and in the event, you come across any spurious products bearing Whatman™ Trade Mark. Thank you for your continuous support for the Whatman™ range of products.



Source: https://www.theweek.in/wire-updates/national/2019/02/04/lgd35-dl-hc-trademark.html
(accessed on 20-Feb-2019)

*Danaher Corporation completed acquisition of GE Healthcare Life Sciences, now known as Cytiva.

Source: https://www.business-standard.com/article/pti-stories/hc-awards-rs-3-85-cr-damages-to-uk-firm-for-trademark-infringement-119020401131_1.html
(accessed on 20-Feb-2019)

Source: https://www.outlookindia.com/newsscroll/hc-awards-rs-385-cr-damages-to-uk-firm-for-trademark-infringement/1472101
(accessed on 20-Feb-2019)

Source: https://www.livelaw.in/news-updates/delhi-hc-awards-punitive-damages-of-385-crores-to-uk-firm-142653
(accessed on 20-Feb-2019)

Whatman™ laboratory filtration

Simplify and streamline lab workflows to accelerate the rate of discovery and reduce costs.

We are where you are

We can meet the filtration and separations needs of virtually any laboratory with the right Whatman™ product at the right time. Through partnerships with the world's leading laboratory supply distribution companies, we ensure speedy delivery of products to your lab.

How to buy

- Shop online at cytiva.com/shop/whatman-laboratory-filtration
- Call us now to speak with a customer service representative
- eMail your customer service team
- Find a distributor: details of your nearest distributor can be found at cytiva.com/support/find-a-distributor

For details of your local customer support team please visit the link below and select your country or region: cytiva.com/contact

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What's new?

We are now Cytiva! We have a new name, a new energy, the same great Whatman™ products and support that you know and trust. Cytiva is a global provider of technologies and services that advance and accelerate the development and manufacture of therapeutics that transform human health.

New products

- Whatman™ Puradisc™ H-PTFE Syringe filters: 0.2 and 0.45 µm pore size, 13 and 25 mm diameters
- Whatman™ Uniflo™ H-PTFE Syringe filters: 0.2 and 0.45 µm pore size, 13 and 25 mm diameters
- Whatman™ 850-DS Channel Filter plate with expanded range of membranes
- FFHP Plus Thick Nitrocellulose filters — new grades
- Benchkote™ surface protectors for ÄKTA™ systems
- Whatman™ pre-folded filter papers in new grades and formats: pleated, pyramid and flat quadrant
- Grade 597 Optima cellulose filter papers, a standard grade for a wide variety of routine applications
- Whatman™ QM-C, pre-ignited silica microfiber filter without any additives or binder

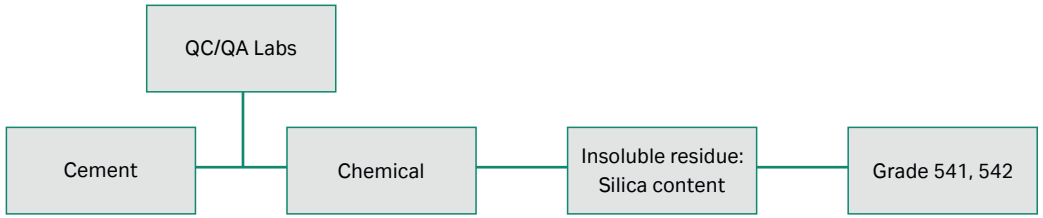
Introducing

Cytiva Diagnostic Services: custom services to accelerate the development of early-stage lateral flow and flow-through immunoassays.

Which Whatman paper grade to use for your cement tests:

Gravimetric analysis tests for cement applications

Use Whatman Grade 540, 541 and 542 filter papers for gravimetric analysis tests for silica content.



What are you testing for?	Products	Characteristics and benefits
Un-dissolved solids, SiO_2	**Grade 40**	• Good separation performance with particle retention 8 µm • Low ash content < 0.007%, background interferences
So_3	**Grade 41** **Grade 42** **Grade 541**	• Good levels of separation performance with particle retention of 2.5 µm • Low ash content, < 0.007% background interferences, which is ideal for gravimetric analysis
Insoluble residue; Silica content	**Grade 540** **Grade 541** **Grade 542**	• Acid hardened to reduce the amount of ash to an extremely low level • Extremely pure and strong with a hard surface • Has chemical resistance to strong acid and alkali • Medium retention and flow rate

Syringe filters and filter vials selection tree according to analytical technique

HPLC/UHPLC

Content uniformity, raw material testing and other applications

Auto sampler?

Yes

Glass filter vial:
Mini-Uniprep™ G2
Plastic filter vial:
Mini-Uniprep™

No

Hard to filter samples:
Whatman GD/X™
Standard samples:
SPARTAN™, ReZist™ Puradisc™

Dissolution testing

Automated filtration using filter?

No

Yes

Roby syringe filters

ICP

GD/XP Syringe filters

Ion Chromatography

Anatop™ IC
syringe filters

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General properties of Whatman™ filter papers

Whatman™ grade	Particle retention (Liquid)(Um)	Initial filtration speed (Secs/100 ml) Herzberg	ASTM	Ash %	Thickness (mm)	Weight (g/m2)	Loading Capacity	Wet Burst kPa	psi	Dry burst kPa	psi
Qualitative											
1	11	150	40	0.06	0.18	87	N	1.7	0.25	97	14
2	8	240	55	0.06	0.19	97	N	2.0	0.29	110	16
3	6	325	90	0.06	0.39	185	H	2.8	0.40	193	28
4	20-25	37	12	0.06	0.21	92	N	1.5	0.22	69	10
5	2.5	1420	250	0.06	0.20	100	N	2.8	0.40	172	25
6	3	715	175	0.1-0.2	0.18	100	N	1.7	0.25	124	18
General Purpose and Wet - Strenghtened											
113	30	28	8	NA	0.42	125	VH	62.1	9	200	29
114	25	38	12	NA	0.19	75	N	55.2	8	138	20
Ashless Quantitative											
40	8	340	75	0.007	0.21	95	N	2.0	0.29	110	16
41	20-25	54	12	0.007	0.22	85	N	1.5	0.22	69	10
42	2.5	1870	240	0.007	0.20	100	N	2.8	0.40	172	25
43	16	155	40	0.007	0.22	95	N	2.0	0.29	90	13
44	3	995	175	0.007	0.18	80	N	2.0	0.29	117	17
Hardened Low Ash											
50	2.7	2685	250	0.015	0.12	97	N	41.4	6	221	32
52	7	235	55	0.015	0.18	96	N	48.3	7	200	29
54	20-25	39	10	0.015	0.19	90	N	48.3	7	131	19
Hardened Ashless											
540	8	200	55	0.006	0.16	85	N	48.3	7	186	27
541	20-25	34	12	0.006	0.16	78	N	48.3	7	117	17
542	2.7	2510	250	0.006	0.15	96	N	41.4	6	221	32
Glass Microfiber											
GF / A	1.6	62	13.0	NA	0.26	53	H	2.0	0.29		
GF / B	1.0	195	5.5	NA	0.68	143	VH	3.2	0.47		
GF / C	1.2	100	10.5	NA	0.26	53	H	2.0	0.29		
GF / D	2.7	41	16.5	NA	0.68	120	VH	3.2	0.47		
GF / F	0.7	325	6.0	NA	0.42	75	H	2.3	0.33		
934-AH™	1.5	47	NA	NA	0.33	64	H	3.7	0.54		
EPM 2000	NA	NA	NA	NA	0.43	80	NA	NA	NA	Dry Tensile (700g/1.5cm)	
GMF 150 (1um)	1.0	56	NA	NA	0.74	143	VH	Wet Tensile (320g//1.5cm		Dry Tensile (680g/1.5cm)	
GMF 150 (2 um)	2.0	26	NA	NA	0.78	144	VH	Wet Tensile (333g/1.5cm)		Dry Tensile (540g/1.5cm)	
Quartz Microfiber											
QM-A	NA	NA	NA	NA	0.45	85	NA	NA	NA	Dry Tensile (250g/1.5cm)	
QM-B	NA	NA	NA	NA	0.95	140	NA	NA	NA	Dry Tensile (400g/1.5cm)	

Filter papers

Whatman™ filter papers are associated with quality, reliability, and customer service. We maintain high standards for reproducibility and uniformity by using only the highest quality raw materials and strict quality control measures.

01

Scan the QR code
for product details

Cellulose filters

Whatman™ cellulose filters are manufactured from high-quality cotton linters which have been treated to achieve a minimum alpha cellulose content of 98%. These cellulose filter papers are used for general filtration and exhibit particle retention levels down to 2.5µm. We offer a wide choice of retention/flow rate combinations to suit numerous laboratory applications.

The different groups of cellulose filters offer increasing degrees of purity, hardness, and chemical resistance.

Cellulose filters, trace element composition
Typical values (µg/g paper)

Grade	1	42	542
Aluminium	36	2.5	3.4
Antimony	< 0.5	< 0.5	< 0.5
Arsenic	< 0.5	< 0.5	< 0.5
Barium	< 0.5	< 0.5	< 0.5
Boron	< 1.0	< 0.1	< 0.1
Calcium	27.5	8.3	14.7
Chromium	1	1.5	1.1
Copper	0.9	2	8.2
Iron	13.7	12	16.3
Lead	< 0.5	< 0.5	< 0.5
Magnesium	21	4	3.3
Manganese	< 0.5	< 0.5	< 0.5
Mercury	< 0.5	< 0.5	< 0.5
Potassium	6.2	2.3	3.7
Silicon	8.8	6.2	< 6.0
Sodium	32.3	16.8	17
Zinc	58.3	64.5	87.8

Qualitative filter papers

These cellulose filters are used in qualitative analytical techniques to determine and identify materials. Fluted qualitative filters are available, which give improved flow rate and increased loading capacity compared to equivalent flat filters.

Grade 1 (11 µm*)

The most widely used filter paper for routine applications with medium retention and flow rate. This grade covers a wide range of laboratory applications and is frequently used for clarifying liquids. Traditionally, the grade is used in qualitative analytical separations for precipitates such as lead sulfate, calcium oxalate (hot), and calcium carbonate.

- In agriculture, it is used for soil analysis and seed testing procedures.
- In the food industry, Grade 1 is used for numerous routine techniques to separate solid foodstuffs from associated liquid, or extracting liquid and is widely used in education for teaching simple qualitative analytical separations.
- In air pollution monitoring, using circles or rolls, atmospheric dust is collected from airflow and the stain intensity measured photometrically.
- For gas detection, the paper is impregnated with a chromogenic reagent and color formation is quantified by optical reflectance. Available fluted as Grade 1V.

Grade 2 (8 µm*)

Slightly more retentive and absorbent than Grade 1, with a corresponding increase in filtration time (i.e. slightly slower filtration speed). In addition to general filtration in the 8 µm particle size range, the extra absorbency is utilized, for example, to hold soil nutrient in plant growth trials. Also used for monitoring specific contaminants in the atmosphere and in soil testing. Available fluted as Grade 2V.

Grade 3 (6 µm*)

Double the thickness of Grade 1 with still finer particle retention and excellent loading capacity; more precipitate can be held without clogging.

- The extra thickness gives increased wet strength and makes this grade highly suitable for use in Büchner funnels.
- The high absorbency is particularly valuable when the paper is used as a sample carrier.

Grade 4 (25 µm*)

Extremely fast filtering with excellent retention of coarse particles and gelatinous precipitates such as ferric hydroxide and aluminum hydroxide.

- Very useful as a rapid filter for routine clean-up of biological fluids or organic extracts during analysis.
- Used when high flow rates in air pollution monitoring are required and the collection of fine particles is not critical. Available fluted as Grade 4V.

Grade 4 qualitative filter papers

Qualitative filter papers

Grade 1: 11µm — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1001-0155	GR 1 1.5CM 500/PK	5620
1001-020	GR 1 2.0CM 400/PK	5240
1001-025	GR 1 2.5CM 400/PK	4850
1001-030	GR 1 3.0CM 400/PK	4920
1001-032	GR 1 3.2CM 100/PK	1230
1001-042	GR 1 4.25CM 100/PK	1230
1001-045	GR 1 4.5CM 100/PK	780
1001-047	GR 1 4.7CM 100/PK	1330
1001-055	GR 1 5.5CM 100/PK	1370
1001-070	GR 1 7.0CM 100/PK	1370
1001-082	GR 1 8.2CM 100/PK	1910
1001-085	GR 1 8.5CM 100/PK	1550
1001-090	GR 1 9.0CM 100/PK	1170
1001-110	GR 1 11.0CM 100/PK	1280
1001-125	GR 1 12.5CM 100/PK	1460
1001-150	GR 1 15.0CM 100/PK	1710
1001-185	GR 1 18.5CM 100/PK	2550
1001-240	GR 1 24.0CM 100/PK	5340
1001-270	GR 1 27.0CM 100/PK	6080
1001-320	GR 1 32.0CM 100/PK	6680
1001-325	GR 1 2.5CM 100/PK	1290
1001-329	GR 1 3.0CM 100/PK	1230
1001-385	GR 1 38.5CM 100/PK	17880
1001-400	GR 1 40.0CM 100/PK	14810
1001-500	GR 1 50.0CM 100/PK	22600
1001-6508	GR 1 1.0CM 500/PK	6260
1001-813	GR 1 2.6x3.1CM 1000/PK	10010
1001-824	GR 1 7.5x10CM 500/PK	10760

Grade 1: 11µm — HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
1001-917	GR 1 46X57CM 100/PK	14120
1001-918	GR 1 46X57CM 500/PK	51190
1001-929	GR 1 60X60CM 100/PK	24260
1001-931	GR 1 58x68CM 100/PK	29160
1001-932	GR 1 58x68CM 500/PK	108160

Grade 2: 8µm — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1002-042	GR 2 4.25CM 100/PK	1280
1002-047	GR 2 4.7CM 100/PK	1550
1002-055	GR 2 5.5CM 100/PK	1290
1002-070	GR 2 7.0CM 100/PK	1430
1002-090	GR 2 9.0CM 100/PK	1430
1002-110	GR 2 11.0CM 100/PK	1600
1002-125	GR 2 12.5CM 100/PK	1730
1002-150	GR 2 15.0CM 100/PK	2550
1002-185	GR 2 18.5CM 100/PK	3440
1002-240	GR 2 24.0CM 100/PK	6260
1002-270	GR 2 27.0CM 100/PK	2300
1002-320	GR 2 32.0CM 100/PK	14300
1002-385	GR 2 38.5CM 100/PK	8040

Grade 2: 8µm — HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
1002-917	GR 2 46x57CM 100/PK	22980
1002-929	GR 2 60x60CM 100/PK	34090
1002-931	GR 2 58X68CM 100/PK	45330

Qualitative filter papers

Grade 3: 6µm — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1003-055	GR 3 5.5CM 100/PK	1810
1003-070	GR 3 7.0CM 100/PK	2160
1003-090	GR 3 9.0CM 100/PK	2380
1003-110	GR 3 11.0CM 100/PK	2270
1003-125	GR 3 12.5CM 100/PK	3190
1003-150	GR 3 15.0CM 100/PK	3320
1003-185	GR 3 18.5CM 100/PK	6380
1003-240	GR 3 24.0CM 100/PK	10240
1003-320	GR 3 32.0CM 100/PK	19540
1003-323	GR 3 2.3CM 100/PK	1660

Grade 3: 6µm — HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
1003-917	GR 3 46x57CM 100/PK	41310

Grade 4: 20-25µm — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1004-027	GR 4 2.7CM 400/PK	890
1004-041	GR 4 41MM 100/PK	1170
1004-042	GR 4 4.25CM 100/PK	1170
1004-047	GR 4 4.7CM 100/PK	1160
1004-050	GR 4 5CM 100/PK	1530
1004-055	GR 4 5.5CM 100/PK	1230
1004-070	GR 4 7CM 100/PK	1230
1004-090	GR 4 9CM 100/PK	1390
1004-110	GR 4 11CM 100/PK	1660
1004-125	GR 4 12.5CM 100/PK	1970
1004-150	GR 4 15CM 100/PK	2680
1004-185	GR 4 18.5CM 100/PK	3830

Grade 4: 20-25µm — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1004-240	GR 4 24CM 100/PK	6770
1004-270	GR 4 27CM 100/PK	8420
1004-320	GR 4 32CM 100/PK	10880
1004-400	GR 4 40CM 100/PK	15830

Grade 4: 20-25µm — HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
1004-917	GR 4 46x57CM 100/PK	28390
1004-930	GR 4 58x58CM 100/PK	42140

Grade 5: 2.5µm — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1005-042	GR 5 4.25CM 100/PK	1280
1005-047	GR 5 4.7CM 100/PK	1910
1005-055	GR 5 5.5CM 100/PK	1400
1005-070	GR 5 7CM 100/PK	1530
1005-090	GR 5 9CM 100/PK	1660
1005-110	GR 5 11CM 100/PK	1810
1005-125	GR 5 12.5CM 100/PK	2270
1005-150	GR 5 15CM 100/PK	3570
1005-185	GR 5 18.5CM 100/PK	5620
1005-240	GR 5 24CM 100/PK	10240
1005-320	GR 5 32CM 100/PK	21200
1005-325	GR 5 2.5CM 100/PK	1910

Grade 6: 3µm — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1006-042	GR 6 4.25CM 100/PK	1400
1006-070	GR 6 7CM 100/PK	1680

Qualitative filter papers

Grade 6: 3µm — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1006-090	GR 6 9CM 100/PK	1810
1006-110	GR 6 11CM 100/PK	2170
1006-125	GR 6 12.5CM 100/PK	2720
1006-150	GR 6 15CM 100/PK	3500
1006-185	GR 6 18.5CM 100/PK	6260
1006-240	GR 6 24CM 100/PK	9580

Grade 591: 7-12µm — HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
10311387	591 58x58CM 250/PK	206090

Grade 595: 4-7µm — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10311610	595 110MM 100/PK	2490
10311611	595 125MM 100/PK	2480
10311612	595 150MM 100/PK	3340

Grade 595: 4-7µm — HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
10311687	595 58x58CM 500/PK	172390

Grade 597: 4-7µm — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10311862	597 12.7MM 1000/PK	8170
10311804	597 45MM 100/PK	1150
10311807	597 55MM 100/PK	1150
10311808	597 70MM 100/PK	1470
10311809	597 90MM 100/PK	1610
10311810	597 110MM 100/PK	2190

Grade 597: 4-7µm — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10311811	597 125MM 100/PK	2940
10311812	597 150MM 100/PK	3780
10311814	597 185MM 100/PK	5410
10311820	597 240MM 100/PK	8850
10311822	597 320MM 100/PK	18640
10312070	597L 40MMx100M 1/PK	23370

Grade 598: 8-10µm — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10312209	598 90MM 100/PK	2070

Grade 598: 8-10µm — HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
10311887	597 58x58CM 500/PK	185550
10311897	597 58x58CM 100/PK	41930
10312287	598 58x58CM 250/PK	183710

Grade 602h: < 2µm — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10312611	602H 125MM 100/PK	4000
10312612	602H 150MM 100/PK	6000
10312614	602H 185MM 100/PK	8810
10312620	602H 240MM 100/PK	14300
10312500	602EH 10MMx50M 20/PK	31850

Wet strengthened general purpose filter papers

Wet strengthened grades

These extremely strong filter papers have a high wet strength due to the addition of a small quantity of chemically stable resin. Their use in normal qualitative applications will not introduce any significant impurities into the filtrate. The resins do, however, contain nitrogen, so these grades should not be used in Kjeldahl estimations, etc. Some wet strengthened grades are available in folded (fluted) forms.

Grade 91 (10 µm*)
A general purpose creped filter for less critical routine analysis. Widely used to assay sucrose in cane sugar and within pharmaceutical laboratories for routine filtration.

Grade 93 (10 µm*)
This filter paper is intermediate in speed and retention between Grades 1 and 4. Available in a dispenser pack, which can be attached to the wall or bench, placed on a shelf either upright or flat, and used as a normal carton or as a convenient dispenser. The envelopes are released individually for easy one at-a-time removal. Package and envelopes are clearly marked for size and content.

Grade 113 (30 µm*)
A fast, open filter paper with creped surface and high loading capacity — making it highly suited for use with coarse or gelatinous precipitates. Fastest flow rate of the qualitative grades. Also available as Grade 113V.

Grade 114 (25 µm*)
Half the thickness of Grade 113 and suitable for coarse or gelatinous precipitates. Smooth surface for easy recovery of precipitates. Also available fluted as Grade 114V.

Grade 1573 (12–25 µm*)
A fast filter paper with high wet strength. It has a very smooth surface, making it easy to scrape or wash off precipitate. Resistant against: sulfuric and nitric acid solutions (up to 40% at 50°C), hydrochloric (up to 10% at 100°C, 20% at 60°C, 25% at 20°C) and alkalis (up to 10% at 20°C). Also available fluted as Grade 1573 ½.

Grade 1574 (7–12 µm*)
A medium fast filter paper with high wet strength. This paper has the same chemical resistance characteristics as Grade 1573 (see above). Available fluted as Grade 1574 ½.

Grade 1575 (< 2 µm*)
Slow filter paper with high wet strength. This paper has the same chemical resistance characteristics as Grade 1573 (see above).

* Particle retention rating at 98% efficiency

Qualitative filter papers, Grade 91

Wet strengthened general purpose filter papers

Grade 91: 10 µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1091-110	GR 91 11.0CM 4000/PK	44690
1091-125	GR 91 12.5CM 4000/PK	51840
1091-150	GR 91 15CM 1000/PK	20300
1091-165	GR 91 16.5CM 1000/PK	21200
1091-185	GR 91 18.5CM 1000/PK	25160
1091-190	GR 91 19CM 1000/PK	46220
1091-240	GR 91 24CM 1000/PK	39580

Grade 91: 10 µm HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
1091-930	GR 91 58x58CM 500/PK	63720
1091-935	GR 91 61x61CM 500/PK	64990

Grade 93: 10 µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1093-110	GR 93 11CM 100/PK	1020
1093-125	GR 93 12.5CM 100/PK	1020
1093-6215	GR 93 15CM 10x100/PK	18640

Grade 93: 10 µm HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
1093-930	GR 93 58x58CM 500/PK	53630
1093-935	GR 93 61x61CM 500/PK	57330

Grade 113: 30 µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1113-090	GR 113 9CM 100/PK	2460
1113-110	GR 113 11CM 100/PK	2940
1113-125	GR 113 12.5CM 100/PK	3460
1113-150	GR 113 15CM 100/PK	4720
1113-185	GR 113 18.5CM 100/PK	7410
1113-240	GR 113 24CM 100/PK	10340
1113-320	GR 113 32CM 100/PK	17620
1113-500	GR 113 50CM 100/PK	53890

Grade 113: 30 µm HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
1113-917	GR 113 46x57CM 100/PK	63590

Grade 114: 25 µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1114-090	GR 114 9CM 100/PK	2040
1114-125	GR 114 12.5CM 100/PK	2170
1114-150	GR 114 15CM 100/PK	2550
1114-185	GR 114 18.5CM 100/PK	3570
1114-240	GR 114 24CM 100/PK	5870
1114-400	GR 114 40CM 100/PK	27840

Wet strengthened general purpose filter papers

Grade 114: 25 µm HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
1114-930	GR 114 58x58CM 100/PK	59500

Grade 1573: 12-25µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10314712	1573 150MM 100/PK	7530
10314714	1573 185MM 100/PK	11560
10314726	1573 290MM 100/PK	22980
10314765	1573 70MMx80M 1/PK	6640
10314766	1573 25.5MMx210M 1/PK	29270
10314769	1573 25MMx145M 10/PK	13160

Grade 1574: 7-12µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10314828	1574 685MM 100/PK	171290
10314844	1574 FF 125MM 100/PK	11370
10314871	1574 70MMx100M 1/PK Neutral	11190

Grade 1575: < 2µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10314916	1575 200MM 100/PK	12300

Quantitative filter papers—ashless grades

Whatman™ quantitative filters are designed for gravimetric analysis and the preparation of samples for instrument analysis. They are available in three formats designed for specific requirements.

- **Ashless:** 0.007% ash nominal for Grades 40 to 44 and a typical nominal ash content of 0.01% for the 589 Grades. These filters are very pure and suitable for a wide range of critical analytical filtration procedures.
- **Hardened low ash:** 0.015% ash nominal—treated with a strong acid to remove trace metals and produce high wet strength and chemical resistance. These filters are particularly suitable for Büchner filtration where the tough, smooth surface of the filter makes it easy to recover precipitates.
- **Hardened ashless:** 0.005% ash nominal, acid hardened to give high wet strength and chemical resistance with extremely low ash content. The tough surface makes these filters suitable for a wide range of critical filtration procedures.

Grade 40: 8 µm*
The classic general purpose ashless filter paper with medium speed and retention. Typical applications include gravimetric analysis for numerous components in cements, clays, iron, and steel products; as a primary filter for separating solid matter from aqueous extracts in general soil analysis; quantitative determination of sediments in milk, and as a pure analytical grade clean-up filter for solutions prior to AA spectrometry. Also used as a high-purity filter in the collection of trace elements and radionuclides from the atmosphere.

Grade 41 (20 µm*)
The fastest ashless filter paper, recommended for analytical procedures involving coarse particles or gelatinous precipitates (e.g. iron or aluminum hydroxides). Also used in quantitative air pollution analysis as a paper tape for impregnation when determining gaseous compounds at high flow rates.

Grade 42 (2.5 µm*)
Used for critical gravimetric analysis with the finest particle retention of all Whatman™ cellulose filter papers. Typical analytical precipitates include barium sulfate, metastannic acid, and finely precipitated calcium carbonate.

Grade 43 (16 µm*)
Intermediate in retention between Grades 40 and 41, and twice as fast as Grade 40. Typical applications include foodstuffs analysis, soil analysis, particle collection in air pollution monitoring for subsequent analysis by XRF techniques, and inorganic analysis in the construction, mining, and steel industries.

Grade 44 (3 µm*)
Thin version of Grade 42 retaining very fine particles but with lower ash weight per sample and almost twice the flow rate of Grade 42.

* Particle retention rating at 98% efficiency.

Quantitative filter papers, ashless

Quantitative filter papers—ashless grades

Grade 40: 8µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1440-012	GR 40 1.27CM 400/PK	2550
1440-032	GR 40 3.2CM 100/PK	3060
1440-042	GR 40 4.25CM 100/PK	2940
1440-047	GR 40 4.7CM 100/PK	3060
1440-055	GR 40 5.5CM 100/PK	2170
1440-070	GR 40 7CM 100/PK	2420
1440-090	GR 40 9CM 100/PK	2980
1440-110	GR 40 11CM 100/PK	3560
1440-125	GR 40 12.5CM 100/PK	4430
1440-150	GR 40 15CM 100/PK	5890
1440-185	GR 40 18.5CM 100/PK	9580
1440-240	GR 40 24CM 100/PK	19280
1440-320	GR 40 32CM 100/PK	46350
1440-329	GR 40 3CM 100/PK	2680
1440-6168	GR 40 45CM 100/PK	55160

Grade 40: 8µm HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
1440-917	GR 40 46x57CM 100/PK	61170

Grade 41: 20µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1441-042	GR 41 4.25CM 100/PK	2460
1441-047	GR 41 4.7CM 100/PK	2010
1441-050	GR 41 5CM 100/PK	3060
1441-055	GR 41 5.5CM 100/PK	2450
1441-060	GR 41 6CM 100/PK	3190
1441-070	GR 41 7CM 100/PK	2450
1441-090	GR 41 9CM 100/PK	3100
1441-110	GR 41 11CM 100/PK	4170

Grade 41: 20µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1441-125	GR 41 12.5CM 100/PK	4720
1441-150	GR 41 15CM 100/PK	6120
1441-185	GR 41 18.5CM 100/PK	9190
1441-240	GR 41 24CM 100/PK	18270
1441-320	GR 41 32CM 100/PK	39970
1441-6776	GR41 9MM x 50M 1/PK	16470
1441-866	GR 41 20.3x25.4CM 100/PK	30140

Grade 41: 20µm HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
1441-917	GR 41 46x57CM 100/PK	57050

Grade 42: 2.5µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1442-042	GR 42 4.25CM 100/PK	2170
1442-047	GR 42 4.7CM 100/PK	2980
1442-055	GR 42 5.5CM 100/PK	1970
1442-070	GR 42 7CM 100/PK	2450
1442-090	GR 42 9CM 100/PK	2980
1442-110	GR 42 11CM 100/PK	3750
1442-125	GR 42 12.5CM 100/PK	4430
1442-150	GR 42 15CM 100/PK	5890
1442-185	GR 42 18.5CM 100/PK	9180
1442-240	GR 42 24CM 100/PK	14640
1442-320	GR 42 32CM 100/PK	26300
1442-6551	GR 42 2.54 x 9CM 100/PK	10600

Quantitative filter papers—ashless grades

Grade 42: 2.5µm HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
1442-917	GR 42 46 x 57CM 100/PK	54950

Grade 43: 16µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1443-090	GR 43 9CM 100/PK	3630
1443-110	GR 43 11CM 100/PK	4920

Grade 43: 16µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1443-125	GR 43 12.5CM 100/PK	4470
1443-150	GR 43 15CM 100/PK	7770
1443-185	GR 43 18.5CM 100/PK	11240

Grade 44: 3µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1444-070	GR 44 7CM 100/PK	2940
1444-090	GR 44 9CM 100/PK	3450
1444-110	GR 44 11CM 100/PK	4090
1444-125	GR 44 12.5CM 100/PK	4570
1444-150	GR 44 15CM 100/PK	7770
1444-185	GR 44 18.5CM 100/PK	11240
1444-240	GR 44 24CM 100/PK	22350

Grade 589/1: 12-25µm BLKRIB HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10300009	589/1 BLKRIB 90MM 100/PK	5870
10300010	589/1 BLKRIB 110MM 100/PK	6510
10300011	589/1 BLKRIB 125MM 100/PK	7790
10300012	589/1 BLKRIB 150MM 100/PK	10610
10300014	589/1 BLKRIB 185MM 100/PK	14750

Grade 589/2: 4-12µm WHTRIB HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10300102	589/2 WHTRIB 12.7MM 1000/PK	7880
10300103	589/2 WHTRIB 40.5MM 100/PK	3060
10300106	589/2 WHTRIB 50MM 100/PK	3200
10300107	589/2 WHTRIB 55MM 100/PK	3320
10300108	589/2 WHTRIB 70MM 100/PK	4170

Grade 589/2: 4-12µm WHTRIB HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10300109	589/2 WHTRIB 90MM 100/PK	6130
10300110	589/2 WHTRIB 110MM 100/PK	6210
10300111	589/2 WHTRIB 125MM 100/PK	6260
10300112	589/2 WHTRIB 150MM 100/PK	11110
10300114	589/2 WHTRIB 185MM 100/PK	14260
10300120	589/2 WHTRIB 240MM 100/PK	22750

Grade 589/3: 2µm BLURIB HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10300263	589/3 BLURIB 12.8MM 1000/PK	9960
10300210	589/3 BLURIB 110MM 100/PK	6610
10300211	589/3 BLURIB 125MM 100/PK	7610
10300212	589/3 BLURIB 150MM 100/PK	9590
10300214	589/3 BLURIB 185MM 100/PK	14180

Quantitative filter papers—hardened low ash grades

The maximum ash content of these grades is intermediate between ashless and qualitative grades. They are particularly suitable for Büchner filtrations where it is desirable to recover the precipitate from the filter surface after filtration. Other characteristics include high wet strength and chemical resistance, which are similar to the acid hardened ashless filter papers.

Grade 50 (2.7 µm*)

Retention of very fine crystalline precipitates. The thinnest of all Whatman™ filter papers with a slow flow rate, these filters have a hardened and highly glazed surface, which also keeps the paper free from loose surface fibers. Highly suitable for qualitative or quantitative filtrations requiring vacuum assistance on Büchner or 3-piece filter funnels. Very strong when wet and will withstand wet handling and precipitate removal by scraping. In the electronics industry, the virtual absence of fiber shedding is utilized in carriers for integrated circuits.

This grade is also available in Smear Tab format for wipe testing (e.g. testing of surfaces for radionuclide contamination).

Grade 52 (7 µm*)

The general purpose hardened filter paper with medium retention and flow rate. Very hard surface.

Grade 54 (22 µm*)

Very fast filtration and high wet strength makes this grade very suitable for vacuum assisted fast filtration of difficult coarse or gelatinous precipitates.

* Particle retention rating at 98% efficiency.

Hardened low ash quantitative filter papers

Quantitative filter papers—hardened low ash grades

Grade 50: 2.7µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1450-042	GR 50 4.25CM 100/PK	2590
1450-055	GR 50 5.5CM 100/PK	2460
1450-070	GR 50 7CM 100/PK	2940
1450-090	GR 50 9CM 100/PK	3550
1450-110	GR 50 11CM 100/PK	5360
1450-125	GR 50 12.5CM 100/PK	5710
1450-150	GR 50 15CM 100/PK	8290
1450-185	GR 50 18.5CM 100/PK	12310
1450-240	GR 50 24CM 100/PK	21580
1450-294	GR 50 29.4CM 500/PK	90280
1450-320	GR 50 32CM 100/PK	32690
1450-916	GR 50 15x23CM 100/PK	22730

Grade 50: 2.7µm HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
1450-917	GR 50 46x57CM 100/PK	66530

Grade 52: 7µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1452-090	GR 52 9CM 100/PK	4720
1452-110	GR 52 11CM 100/PK	5900
1452-125	GR 52 12.5CM 100/PK	6740
1452-150	GR 52 15CM 100/PK	8550
1452-240	GR 52 24CM 100/PK	20180

Grade 54: 22µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1454-055	GR 54 5.5CM 100/PK	2550
1454-070	GR 54 7CM 100/PK	2850
1454-090	GR 54 9CM 100/PK	3830
1454-105	Grade 54 Circles 105MM 100/PK	9830
1454-110	GR 54 11CM 100/PK	4880
1454-125	GR 54 12.5CM 100/PK	6160
1454-150	GR 54 15CM 100/PK	8810
1454-185	GR 54 18.5CM 100/PK	12640
1454-240	GR 54 24CM 100/PK	22470
1454-320	GR 54 32CM 100/PK	39710
1454-500	GR 54 50CM 100/PK	82490

Grade 54: 22µm HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
1454-917	GR 54 46x57CM 100/PK	107560

Quantitative filter papers—hardened ashless grades

Hardened ashless filter papers are suited for a variety of precipitate sizes. Along with general filtration Grade 540, the range includes Grade 542 for retention of fine precipitates and Grade 541 for fast filtration. All three grades are designed for use in gravimetric analysis.

These filter papers exhibit high wet strength and chemical resistance and are acid hardened, which reduces ash to an extremely low level. Their tough surfaces make them suitable for a wide range of critical analytical filtration operations. Each grade offers a convenient combination of filtration speed and particle retention.

Grade 540 (8 µm*)
A general purpose hardened ashless filter paper with medium retention and flow rate. Extremely pure and strong with a hard surface. High chemical resistance to strong acid and alkali. Frequently used in the gravimetric analysis of metals in acid/alkali solutions and in collecting hydroxides after precipitation by strong alkalis.

Grade 541 (22 µm*)
The general purpose hardened filter paper with medium retention and flow rate. Very hard surface.

Grade 542 (2.7 µm*)
High retention of fine particles under demanding conditions. Slow flow rate. Very hard and strong with excellent chemical resistance. Often used in gravimetric metal determinations.

* Particle retention rating at 98% efficiency.

Hardened ashless quantitative filter papers, Grade 540

Quantitative filter papers—hardened ashless grades

Grade 540: 8µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1540-321	GR 540 2.1CM 100/PK	3060
1540-324	GR 540 2.4CM 100/PK	3060
1540-042	GR 540 4.25CM 100/PK	2680
1540-055	GR 540 5.5CM 100/PK	2850
1540-090	GR 540 9CM 100/PK	3830
1540-110	GR 540 11CM 100/PK	5240
1540-125	GR 540 12.5CM 100/PK	5830
1540-150	GR 540 15CM 100/PK	8550
1540-185	GR 540 18.5CM 100/PK	14680
1540-240	GR 540 24CM 100/PK	24520
1540-320	GR 540 32CM 100/PK	52610

Grade 541: 22µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1541-042	GR 541 4.25CM 100/PK	2590
1541-047	GR 541 4.7CM 100/PK	2720
1541-055	GR 541 5.5CM 100/PK	2720
1541-070	GR 541 7CM 100/PK	2940
1541-090	GR 541 9CM 100/PK	3570
1541-110	GR 541 11CM 100/PK	5110
1541-125	GR 541 12.5CM 100/PK	5250
1541-150	GR 541 15CM 100/PK	8750
1541-185	GR 541 18.5CM 100/PK	13920
1541-240	GR 541 24CM 100/PK	23370
1541-270	GR 541 27CM 100/PK	32940
1541-320	GR 541 32CM 100/PK	42650
1541-400	GR 541 40CM 100/PK	70360

Grade 541: 22µm HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
1541-917	GR 541 46x57CM 100/PK	92350

Grade 542: 2.7µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1542-055	GR 542 5.5CM 100/PK	2940
1542-070	GR 542 7CM 100/PK	2940
1542-090	GR 542 9CM 100/PK	4210
1542-110	GR 542 11CM 100/PK	5750
1542-125	GR 542 12.5CM 100/PK	6170
1542-150	GR 542 15CM 100/PK	9320
1542-185	GR 542 18.5CM 100/PK	13920
1542-240	GR 542 24CM 100/PK	22980

Fluted filter papers

Ready-to-use paper solutions

Many grades of our qualitative and quantitative filter paper are available as fluted circles. We also offer a selection of prefolded cones, quadrant-folded and pyramid-folded filter papers. These convenient formats eliminate timeconsuming manual pleating or folding, streamlining operations in busy labs.

Whatman™ ready-to-use folded filter papers from Cytiva support your application needs, save valuable time and provide ease of use when undertaking repetitive or multiple analyses.

Folded and fluted filter papers, 113V

Fluted filter papers

This convenient format has major advantages over flat circles.

- Savings in time required to quadrant-fold circles to fit conical filter funnels in repetitive or multiple analyses
- Decreased overall filtration time because of the extra surface area exposed; the normal slow-down of filtration speed due to the
- loading of particulate is postponed
- Increased total loading capacity as more filter area is available
- Maintained flow rate due to the reduction in filter paper contact with funnel side and the self-supporting shape of the filter itself
- The prepleating does not significantly affect any of the technical data and the same figures may be used for the flat circles

Additional folded formats

Qualitative and quantitative grades are now available in several convenient folded formats. These ready-to-use paper filters are available in cone, pyramid, and flat quadrant folded formats, in diameters and grades to support your applications.

Whatman™ pyramid, flat quadrant-folded and cone filters come in a range of media and diameters, and fit conical funnels. Convenient stacking and packaging options are available.

Folded and fluted filter papers

Grade 1: 11µm Fluted Filter paper HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1201-125	1V 12.5CM 100/PK	3190
1201-150	1V 15CM 100/PK	12130
1201-185	1V 18.5CM 100/PK	5130
1201-240	1V 24CM 100/PK	8520
1201-270	1V 27CM 100/PK	9070
1201-320	1V 32CM 100/PK	3610

Grade 2: 8µm Fluted Filter paper HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1202-125	GR 2 FF 12.5CM 100/PK	6160
1202-150	GR 2 FF 15CM 100/PK	6870
1202-185	GR 2 FF 18.5CM 100/PK	8290
1202-240	GR 2 FF 24CM 100/PK	11150
1202-270	GR 2 FF 27CM 100/PK	14430
1202-320	GR 2 FF 32CM 100/PK	16340
1202-385	GR 2 FF 38.5CM 100/PK	34860
1202-400	GR 2 FF 40CM 100/PK	34220
1202-500	GR 2 FF 50CM 100/PK	38820
1202-8318	GR 2 FF 32CM 100/PK	27960

Grade 4: 20-25µm Fluted Filter paper HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1204-125	4V 12.5CM 100/PK	3570
1204-150	4V 15CM 100/PK	18900
1204-0185	4V 18.5CM 100/PK	7280
1204-240	4V 24CM 100/PK	10470
1204-270	4V 27CM 100/PK	12000
1204-320	4V 32CM 100/PK	4600

Grade 113: 30 µm Fluted filter paper HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1213-125	GR 113 FF 12.5CM 100/PK	17880
1213-150	GR 113 FF 15CM 100/PK	12310
1213-185	GR 113 FF 18.5CM 100/PK	18520
1213-240	GR 113 FF 24CM 100/PK	20690
1213-270	GR 113 FF 27CM 100/PK	26300
1213-320	GR 113 FF 32CM 100/PK	22980
1213-500	GR 113 FF 50CM 100/PK	47760

Grade 114: 25 µm Fluted filter paper HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1214-125	GR 114 FF 12.5CM 100/PK	7500
1214-150	GR 114 FF 15CM 100/PK	9320
1214-185	GR 114 FF 18.5CM 100/PK	11140
1214-240	GR 114 FF 24CM 100/PK	21070
1214-320	GR 114 FF 32CM 100/PK	23110

Grade 2871/2 Fluted filter paper HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10310245	287 FF 150MM 50/PK	9190
10310247	287 FF 185MM 50/PK	10450

Grade 520 a1/2 : 15-18 µm Fluted filter paper HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10331451	520A FF 240MM 100/PK	11880
10331456	520A FF 500MM 100/PK	35170
10331494	520A FF 450MM 100/PK	26930

Folded and fluted filter papers

Grade 520 b1/2 : 15-19 µm Fluted filter paper HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10331551	520B FF 240MM 50/PK	12170
10331553	520B FF 320MM 50/PK	17340
10331554	520B FF 385MM 50/PK	24840
10331556	520B FF 500MM 50/PK	37870
10331558	520B FF 600MM 20/PK	43770

Grade 593 1/2 : 5µm Fluted filter paper HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10311447	593 FF 185MM 100/PK	9960
10311451	593 FF 240MM 100/PK	14880

Grade 594 1/2 : 4µm Fluted filter paper HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10311547	594 FF 185MM 100/PK	13150

Grade 595: 4-7µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10311641	595 FF 70MM 100/PK	7130
10311642	595 FF 90MM 100/PK	6760
10311643	595 FF 110MM 100/PK	7920
10311644	595 FF 125MM 100/PK	8940
10311645	595 FF 150MM 100/PK	9700
10311647	595 FF 185MM 100/PK	12000
10311649	595 FF 210MM 100/PK	15620
10311651	595 FF 240MM 100/PK	16600
10311652	595 FF 270MM 100/PK	19670
10311653	595 FF 320MM 100/PK	25700
10311654	595 FF 385MM 100/PK	31600
10311656	595N FF 500MM 100/PK	52100

Grade 597: 4-7µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10311841	597 FF 70MM 100/PK	5700
10311842	597 FF 90MM 100/PK	6640
10311843	597 FF 110MM 100/PK	7750
10311844	597 FF 125MM 100/PK	7870
10311845	597 FF 150MM 100/PK	8430
10311847	597 FF 185MM 100/PK	9590
10311851	597 FF 240MM 100/PK	11660
10311852	597 FF 270MM 100/PK	13920
10311853	597 FF 320MM 100/PK	18130
10311854	597 FF 385MM 100/PK	34920
10311856	597 FF 500MM 100/PK	45130

Grade 598: 8-10µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10312244	598 FF 125MM 50/PK	10330
10312247	598 FF 185MM 50/PK	12790
10312251	598 FF 240MM 50/PK	14260
10312256	598 FF 500MM 50/PK	42910

Grade 602h: < 2µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10312544	602EH FF 125MM 100/PK	8040
10312545	602EH FF 150MM 100/PK	7920
10312642	602H FF 90MM 100/PK	5490
10312644	602H FF 125MM 100/PK	7750
10312645	602H FF 150MM 100/PK	8430
10312647	602H FF 185MM 100/PK	9100
10312651	602H FF 240MM 100/PK	27420

Folded and fluted filter papers

Grade 604 : 25µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10312744	604 FF 125MM 100/PK	7920
10312745	604 FF 150MM 100/PK	7500
10312747	604 FF 185MM 100/PK	8980
10312751	604 FF 240MM 100/PK	9960
10312753	604 FF 320MM 100/PK	21270

Grade 0858: 7-12µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10334345	0858 FF150MM 100/PK	5750
10334347	0858 FF 185MM 100/PK	5410
10334351	0858 FF 240MM 100/PK	7990
10334352	0858 FF 270MM 100/PK	10570
10334353	0858 FF 320MM 100/PK	17340

Grade 0860: 12µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10334547	0860 FF 185MM 100/PK	7750
10334551	0860 FF 240MM 100/PK	10080
10334553	0860 FF 320MM 100/PK	16070
10334607	0860 140x190MM 500/PK	7130

Grade 1573: 12-25µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10314744	1573 FF 125MM 100/PK	10080
10314745	1573 FF 150MM 100/PK	10700
10314747	1573 FF 185MM 100/PK	13030
10314751	1573 FF 240MM 100/PK	20530
10314752	1573 FF 270MM 100/PK	26430
10314753	1573 FF 320MM 100/PK	32460

Grade 1574: 7-12µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10314828	1574 685MM PK100	171290
10314844	1574 FF 125MM 100/PK	11370
10314871	1574 70MMx100M 1/PK NEUTRAL	11190

Grade 1575: < 2µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10314916	1575 200MM 100/PK	12300

Grade 2555 1/2 (for removing carbon dioxide) HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10313947	2555 FF 185MM 100/PK	5660
10313951	2555 FF 240MM 100/PK	7660
10313953	2555 FF 320MM 100/PK	8550

Grade 589/1: 12-25µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10300045	589/1 FF BLKRIB 150MM 100/PK	14510

Grade 589/2: 4-12µm HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10300143	589/2 FF WHTRIB 110MM 100/PK	14170
10300145	589/2 FF WHTRIB 150MM 100/PK	18940

Pyramid and quadrant fold

Ready-to-use paper solutions

Whatman™ filtration solutions from Cytiva offers folded filter papers in ready to use formats to support your application needs, saving valuable time and providing ease of use when undertaking repetitive or multiple analysis.

Customized formats

Whatman™ qualitative and quantitative grades are now available in new convenient formats. The pre-folded paper is offered in pyramid format, diameter, and grade to support your application needs. There are various stacking and packaging options available to suit customer needs.

Advantages of using pre-folded filter papers

Valuable time savings: Savings in time required to fold circles to fit conical filter funnels

Decreased overall filtration time: Because of the extra surface area exposed; the normal slowdown of filtration speed due to the loading of particulate is postponed

Ease of use: Pre-folded pyramid filter papers are made available in stacks for easy handling during repetitive/multiple analyses

More loading capacity: Increased total loading capacity as more filter area is available

Affordable: Save on the cost by eliminating wastage of filter papers while cutting out filter papers to fit conical funnels

Results: The pyramid fold does not significantly affect any of the technical data and the same figures may be used for the flat circles

Pyramid folded filter papers

Scan the QR code
for demo video

Folded filter papers

Pyramid Fold HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
9897-10104	Grade 1 125MM PYRAMID 100/PK	1550
989710112	GR1 125MM Pyramid 1000PK	15240
989810116	GR 4 110MM Pyramid 1000/PK	16610
9898-10104	Grade 4 125MM PYRAMID 100/PK	2060
989810112	GR 4 125MM Pyramid 1000/PK	20360
9891-128	GR 6 12.5CM Pyramid 1000/PK	28640
9892-10104	Grade 40 125MM PYRAMID 100/PK	4730
9892-128	GR 40 12.5CM Pyramid 1000/PK	46380
989510116	GR 41 110MM Pyramid 1000/PK	42090
9895-10104	Grade 41 125MM PYRAMID 100/PK	5030
989510112	GR41 125MM Pyramid 1000/PK	50210
989610137	GR 42 90MM Pyramid 1000PK	30600
989610116	GR 42 110MM Pyramid 1000PK	38220
9896-10104	Grade 42 125MM PYRAMID 100/PK	4730
989610112	GR 42 125MM Pyramid 1000/PK	45840
1540-10123	GR 540 9CM Pyramid 1000/PK	38220
1540-10124	GR 540 11CM Pyramid 1000/PK	52210

Quadrant Fold HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10380404	1 FF Quadrant 110MM 500/PK	7620
10380405	1 FF Quadrant 125MM 500/PK	8360
10380406	1 FF Quadrant 150MM 500/PK	9220
10380004	40 FF Quadrant 110MM 500/PK	12300
10380005	40 FF Quadrant 125MM 500/PK	15370
10380006	40 FF Quadrant 150MM 500/PK	17580
10380204	41 FF Quadrant 110MM 500/PK	12300
10380205	41 FF Quadrant 125MM 500/PK	15370
10380206	41 FF Quadrant 150MM 500/PK	17580
10334348	0858 FF Quadrant 185MM 100/PK	6390

Application specific filter papers

Cytiva offers Whatman™ cellulose filter papers for specific applications. The product range includes filter papers for use in soil analysis and for the sugar industry.

Whatman™ application filter papers

Grade 0048
Filter mat made from a mixture of cellulose and polyester. This mat is used for optically testing baby food (artificial milk) for textile fibers.

Grade 72
Composite cellulose/glass filter loaded with activated carbon. Used to absorb radioactive iodine in air pollution monitoring and in nuclear installations.

Grade 71
Similar to Grade 72 but has a higher level of activated carbon.

Grade 8 ruled filter paper
A white filter paper with printed green lines for optical assessment (5 mm intervals). For routine investigations of foreign substances in a variety of sample types.

Grade 1450CV
Filter paper for the identification of undissolved dyes in the textile industry.

Grade 0965
A coarse filter mat with high wet strength.

Grade 287 ½
Kieselguhr paper with a medium to slow flow rate. Additional adsorption effect (e.g. for the separation of very fine semi-colloidal turbidity, for clarifying milk serum, starch solutions, soil suspensions, or sugar-containing solutions prior to polarimetry or refractometry). Fluted.

Grade 2555 ½
A medium fast filter paper. Used for the filtration of the mash for the determination of the extract in malt and wort and for removing carbon dioxide from beer. Fluted.

Application specific filter papers

Grade 0858: 7-12µm — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10334365	0858 11x58CM 500/PK WRAPSTRIP	23360
10334383	0858 390x390MM 500/PK	48330
10334346	0858 570x870MM PK100	73040

Grade 0858: 7-12µm — HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
10334385	0858 450x450MM 500/PK	66890

Grade 903: 4-7 µm — HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
10334885	0903 450x450MM 500/PK	88380

Grade 905: 12-25 µm — HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
10334987	0905 580x580MM 500/PK	81280

Grade 2294: 8-15 µm — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10342810	2294 110MM 100/PK	22940
10342860	2294 180MM 100/PK CHOLE 33MM	10330
10342862	2294 210MM 100/PK CHOLE 60MM	15120
10342867	2294 350MMx70MM CTRHOLE 100PK	43810

Grade 2589 — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10343630	2589A 140MM 500/PK	41440
10343687	2589A 580x580MM 100/PK	62830
10343876	2589C 25x75MM 100/PK W2HOLES	9710
10343976	2589D 25x75MM 100/PK W2HOLES	8980

Shark Skin — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10347509	Shark Skin 90MM100/PK	5360
10347510	Shark Skin 110MM 100/PK	5750
10347511	Shark Skin 125MM 100/PK	6260
10347512	Shark Skin 185MM 100/PK	6030
10347513	Shark Skin 150MM 100/PK	6380
10347519	Shark Skin 240MM 100/PK	6760
10347521	Shark Skin 270MM 100/PK	7870
10347577	Shark Skin 290MM 100/PK	8360
10347530	Shark Skin 320MM 100/PK	8120
10347522	Shark Skin 340MM 100/PK	8480
10347523	Shark Skin 385MM 100/PK	9220
10347525	Shark Skin 500MM 100/PK	13530
10538877	Shark Skin 8x10IN 100/PK	7380

Grade 0048 for Baby food (artificial milk) — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10348903	0048 32MM 1000/PK	30180

Grade 72 loaded with activated carbon — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
1872-047	GR 72 4.7CM 100/PK	18770
1872-050	GR 72 5CM 100/PK	23110
1872-055	GR 72 5.5CM 100/PK	10850

Application specific filter papers

Grade 1450CV for undissolved dyes — **HSN Code: 48232000 | GST: 18%**

Cat. Nos	Description	INR Price
10313209	1450CV 90MM 50/PK	1050

Grade 8 ruled filter paper for optical assesment of foreign particles — **HSN Code: 48232000 | GST: 18%**

Cat. Nos	Description	INR Price
10347004	8 RULED 45MM 100/PK	4720
10347008	8 RULED 70MM 100/PK	6260
10347009	8 RULED 90MM 100/PK	6180
10347033	8 RULED 75MM 100/PK	6890

Grade 3459 for Sugar/Food Industry — **HSN Code: 48232000 | GST: 18%**

Cat. Nos	Description	INR Price
10316619	3459 230MM 1000/PK	31850

Grade 0790 for Soil Analysis — **HSN Code: 48232000 | GST: 18%**

Cat. Nos	Description	INR Price
10301645	0790 FF 150MM 100/PK	18940
10301647	0790 FF 185MM 100/PK	28280

Seed germination testing papers

Seed testing papers are made from pure cellulose without any additives and do not contain any substances which could influence the growth of the seeds. The constant water absorption of the papers ensures the continuous provision of the required amount of water.

The contrast of the color seed testing papers makes evaluation easier, particularly for seeds with fine white rootlets or under artificial light. This makes work easier, improves the results, and saves time. The dyes used have been thoroughly investigated and have no influence on the growth of the seeds.

Seed testing papers are available for both the pleated paper (PP) method and the top of paper (TP) method.

Applications

Grade 597, 598
Small seeds (e.g. grasses, flowers)

Grade 3014, 3236
Medium-large and coated seeds (e.g. sugar beet, fodder beet, grain, sunflower, rapeseed, mustard)

Grade 3014
Particularly sensitive seeds

Grade 3645
Seeds with small white rootlets

Seed germination testing papers, pleated strips

Scan the QR code
for product details

Seed germination testing papers

Grade 3014 for PP method — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10344672	3014 110x20MM 1000/PK PLS W/O	240700
10344676	3014 110x20MM 1000/PK PLS W	272630

Grade 3236 for PP method — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10345572	3236 110x20MM 1000/PK PLS W/O	240520
10345573	GR3236 110X20MM 500/PK	64800
10345576	3236 110x20MM 1000/PK PLS W	289480

Grade 597 for TP method — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10311808	597 70MM 100/PK	1470
10311809	597 90MM 100/PK	1610

Grade 598 for TP method — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10312209	598 90MM 100/PK	2070

Grade 3621 — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10342579	3621 140x200MM 1000/PK	370820

Grade 3644 — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10342580	3644 140x200MM 1000/PK	234000
10342581	3644 420x594MM 50/PK	38780
10342582	3644 280mm x 340mm 100/PK	64970

Grade 3645 — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10342583	3645 110x170MM 100/PK	6610
10342594	3645 110x170MM 1000/PK	14510
10342596	GR 3645 105X190MM 1000PK	21270

Glass microfiber filter papers

02

Whatman™ glass microfiber filters are manufactured from 100% borosilicate glass and are available with or without binder. These depth filters combine fast flow rates with high loading capacity and the retention of very fine particles, extending into the sub-micron range.

Scan the QR code
for product details

Glass microfiber filters

Whatman™ glass microfiber filters are manufactured from 100% borosilicate glass and are available with or without binder. These depth filters combine fast flow rates with high loading capacity and the retention of very fine particles, extending into the sub-micron range. Glass microfiber filters can be used at temperatures up to 550°C and are excellent for use in applications involving air filtration and for gravimetric analysis of volatile materials where ignition is involved.

Whatman™ Multigrade GMF 150 is particularly valuable for the prefiltration of larger volumes and solutions that are normally difficult to filter.

Cellulose fi lters, trace element composition

Typical values (µg/g paper)

	QM- A*	EPM 2000	934-AH™	GF/A and GF/C™
Arsenic (As)	< 1	< 1	24	5
Beryllium (Be)	< 1	< 1	< 1	< 1
Cobalt (Co)	< 1	1	< 1	< 1
Cadmium (Cd)	< 1	< 1	< 1	< 1
Copper (Cu)	< 1	5	3	< 1
Lead (Pb)	< 1	3	9	5
Manganese (Mn)	2	20	18	6
Mercury (Hg)	< 1	< 1	< 1	< 1
Nickel (Ni)	1	1	3	1
Selenium (Se)	< 3	< 3	< 3	< 3
Silver (Ag)	< 1	< 1	< 1	< 1
Thallium (Tl)	< 1	< 1	< 1	< 1

Grade EPM 2000 air sampling filter

Binder-free glass microfiber (GMF) filter papers

Grade GF/A (1.6 µm*)
Recommended for gravimetric determination of airborne particulates, stack sampling, and absorption methods of air pollution monitoring.

Whatman™ Grade GF/A card-mounted filters are used in static sample and personal air sampler applications. These aerosol sampling and particulate monitoring filters provide high flow rates and minimal sample interference.

Grade GF/B (1.0 µm*)
Three times thicker than GF/A with higher wet strength and significantly increased loading capacity. Combines fine particle retention with good flow rate. Particularly useful where liquid clarification or solids quantification is required for heavily-loaded, fine particulate suspensions. Can be used as a finely retentive membrane prefilter. Used in LSC techniques where high loading capacity is required.

Grade GF/C™ (1.2 µm*)
Combines fine particle retention with good flow rate. The standard filter in many parts of the world for the collection of suspended solids in potable water and natural and industrial wastes. Fast and efficient clarification of aqueous liquids containing low to medium levels of fine particulates. Widely used for cell harvesting, liquid scintillation counting, and binding assays where more loading capacity is required.

Ready-to-use (RTU) formats available for total suspended solids (TSS) and total dissolved solids (TDS). (See page 60).

Grade GF/D (2.7 µm*)
Considerably faster in flow rate and overall filtration speed than cellulose filter papers of similar particle retention. The filter is thick and consequently exhibits a high loading capacity. Designed as a membrane prefilter and available in sizes to fit most holders.

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

Grade GF/F (0.7 µm*)
This high-efficiency filter will retain fine particles down to 0.7 µm. Unlike membrane filters with a comparable retention value, it has a very rapid flow rate and an extremely high loading capacity.

Because of the tight specification of 0.6 µm—0.8 µm particle retention and pure borosilicate glass structure, GF/F is the material upon which the EPA Method TCLP 1311 for Toxicity Characteristic Leaching Procedure was developed.

Recommended for nucleic acid binding and purification.

* Particle retention rating at 98% efficiency.

Binder-free glass microfiber filters, Grade GF/C™

Binder-free glass microfiber filters, Grade GF/F

Binder Free Glass Microfiber Filters

Grade GF/A (1.6 µm) HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
1820-8013	GF/A 1.3CM 100/PK	2940
1820-021	GF/A 2.1CM 100/PK	2680
1820-024	GF/A 2.4CM 100/PK	2940
1820-025	GF/A 2.5CM 100/PK	2900
1820-037	GF/A 3.7CM 100/PK	3970
1820-042	GF/A 4.25CM 100/PK	4210
1820-047	GF/A 4.7CM 100/PK	4300
1820-050	GF/A 5.0CM 100/PK	6770
1820-055	GF/A 5.5CM 100/PK	5750
1820-060	GF/A 6.0CM 100/PK	6610
1820-061	GF/A 6.0CM RIM 50/PK	10850
1820-070	GF/A 7.0CM 100/PK	6260
1820-090	GF/A 9.0CM 100/PK	8050
1820-110	GF/A 11.0CM 100/PK	9570
1820-125	GF/A 12.5CM 100/PK	13440
1820-150	GF/A 15CM 100/PK	18010
1820-240	GF/A 24CM 100/PK	38570
1820-6537	GF/A 8.1CM 100/PK	9070
1820-866	GF/A 8x10IN 100/PK	29050
1820-915	GF/A 46x57CM 25/PK	40820

Grade GF/B (1.0 µm) HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
1821-021	GF/B 2.1CM 100/PK	3570
1821-024	GF/B 2.4CM 100/PK	3700
1821-025	GF/B 2.5CM 100/PK	3720
1821-037	GF/B 3.7CM 100/PK	6640

Grade GF/B (1.0 µm) HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
1821-042	GF/B 4.25CM 100/PK	9070
1821-047	GF/B 4.7CM 100/PK	6770
1821-055	GF/B 5.5CM 100/PK	10340
1821-060	GF/B 6.0CM 100/PK	12900
1821-070	GF/B 7.0CM 100/PK	12130
1821-090	GF/B 9.0CM 25/PK	5830
1821-110	GF/B 11.0CM 25/PK	7260
1821-125	GF/B 12.5CM 25/PK	9580
1821-150	GF/B 15CM 25/PK	12310
1821-185	GF/B 18.5CM 25/PK	17490
1821-271	GF/B 2.25x12.25IN 100/PK	58100
1821-914	GF/B 46x57CM 5/PK	49550
1821-915	GF/B 46x57CM 25/PK	101590

Grade GF/C (1.2 µm) HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
1822-021	GF/C 2.1CM 100/PK	2940
1822-024	GF/C 2.4CM 100/PK	3100
1822-025	GF/C 2.5CM 100/PK	2900
1822-037	GF/C 3.7CM 100/PK	4310
1822-042	GF/C 4.25CM 100/PK	4530
1822-047	GF/C 4.7CM 100/PK	4340
1822-050	GF/C 5CM 100/PK	14560
1822-055	GF/C 5.5CM 100/PK	6720
1822-070	GF/C 7CM 100/PK	9030
1822-090	GF/C 9CM 100/PK	9490
1822-100	GF/C 10CM 100/PK	12640
1822-110	GF/C 11CM 100/PK	12470

Binder Free Glass Microfiber Filters

Grade GF/C (1.2 µm) HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
1822-125	GF/C 12.5CM 100/PK	15270
1822-150	GF/C 15CM 100/PK	21030
1822-185	GF/C 18.5CM 100/PK	121050
1822-320	GF/C 32CM 100/PK	162430
1822-6580	GF/C 2.5CM 400/PK	30900
1822-849	GF/C 10.2x25.4CM 50/PK	14940
1822-866	GF/C 8x10IN 100/PK	47300
1822-915	GF/C 46x57CM 25/PK	53650
1822-9916	GF/C 10CM INDIV PACK 100/PK	47500

Grade GF/D (2.7 µm) HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
1823-007	GF/D 7MM 100/PK	17620
1823-010	GF/D 1CM 100/PK	3320
1823-021	GF/D 2.1CM 100/PK	3500
1823-024	GF/D 2.4CM 100/PK	6000
1823-025	GF/D 2.5CM 100/PK	3720
1823-035	GF/D 3.5CM 100/PK	5750
1823-042	GF/D 4.25CM 100/PK	6640
1823-047	GF/D 4.7CM 100/PK	7350
1823-055	GF/D 5.5CM 100/PK	9070
1823-070	GF/D 7CM 100/PK	11110
1823-090	GF/D 9CM 25/PK	5050
1823-110	GF/D 11CM 25/PK	6770
1823-125	GF/D 12.5CM 25/PK	8810
1823-142	GF/D 14.2CM 25/PK	13660
1823-150	GF/D 15CM 25/PK	15550
1823-257	GF/D 25.7CM 25/PK	18260
1823-915	GF/D 46x57CM 25/PK	101770

Grade GF/F (0.7 µm) HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
1825-015	GF/F 15MM 100/PK	31360
1825-021	GF/F 2.1CM 100/PK	6000
1825-024	GF/F 2.4CM 100/PK	6380
1825-025	GF/F 2.5CM 100/PK	6340
1825-037	GF/F 3.7CM 100/PK	13740
1825-042	GF/F 4.25CM 100/PK	13280
1825-047	GF/F 4.7CM 100/PK	12920
1825-055	GF/F 5.5CM 100/PK	19660
1825-070	GF/F 7CM 100/PK	19660
182510158	GF/F 8.1CM 100PK	22420
1825-090	GF/F 9CM 25/PK	10340
1825-110	GF/F 11CM 25/PK	12260
1825-125	GF/F 12.5CM 25/PK	15710
1825-142	GF/F 14.2CM 25/PK	23240
1825-150	GF/F 15CM 25/PK	20430
1825-185	GF/F 185mm 25/PK	22730
1825-257	GF/F 25.7CM 25/PK	58740
1825-293	GF/F 29.3CM 25/PK	101260
1825-6005	GF/F 30CMX50M REEL	110840
1825-915	GF/F 46x57CM 25/PK	219760

Grade 934-AH HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
1827-021	934-AH 2.1CM 100/PK	3960
1827-024	934-AH 2.4CM 100/PK	4210
1827-025	934-AH 2.5CM 100/PK	3760
1827-028	934-AH 2.8CM 100/PK	3830
1827-030	934-AH 3.0CM 100/PK	4470

Binder Free Glass Microfiber Filters

Grade 934-AH HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
1827-032	934-AH 3.2CM 100/PK	4720
1827-035	934-AH 3.5CM 100/PK	4850
1827-037	934-AH 3.7CM 100/PK	5570
1827-042	934-AH 4.25CM 100/PK	6000
1827-047	934-AH 4.7CM 100/PK	7490
1827-055	934-AH 5.5CM 100/PK	8430
1827-070	934-AH 7.0CM 100/PK	10600
1827-082	934-AH 8.26CM 100/PK	13020
1827-085	934-AH 8.5CM 100/PK	13350
1827-090	934-AH 9.0CM 100/PK	15840
1827-105	934-AH 10.5CM 100/PK	16220
1827-110	934-AH 11CM 100/PK	19660
1827-125	934-AH 12.5CM 100/PK	24260
1827-150	934-AH 15CM 100/PK	32180
1827-185	934-AH 18.5CM 100/PK	39200
1827-240	934-AH 24CM 100/PK	72270
1827-320	934-AH 32CM 100/PK	110580
1827-808	934-AH 2x12IN 100/PK	15830
1827-866	934-AH 8x10IN 100/PK	60400
1827-889	934-AH 12x15IN 100/PK	100240
1827-957	934-AH 19x28IN 100/PK	275560

Grade EPM 2000: 2.0 µm HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
1882-047	EPM-2000 4.7CM 100/PK	7020
1882-594	EPM 2000 46x57cm 50/pk	89630
1882-866	EPM-2000 8x10IN 100/PK	56060

Multirgade GMF Circles HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
1841-047	MULTIGRADE 1uM 4.7CM 40/PK	7920
1841-090	MULTIGRADE 1uM 9.0CM 20/PK	7920
1842-047	MULTIGRADE 2uM 4.7CM 40/PK	8030
1842-090	MULTIGRADE 2uM 9.0CM 20/PK	7750

Acid-treated low metal TCLP filter papers HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
1810-047	TCLP 47MM 100/PK	19790
1810-090	TCLP 90MM 50/PK	14510
1810-110	TCLP 110MM 50/PK	20940
1810-125	TCLP 125MM 50/PK	31280
1810-142	TCLP 142MM 50/PK	37870
1810-150	TCLP 150MM 50/PK	43770

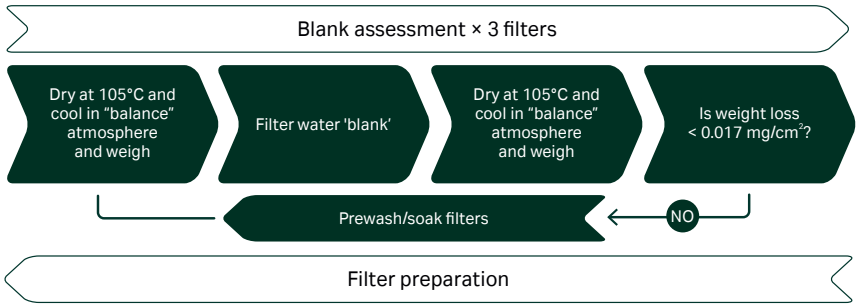
Ready-to-use (RTU) glass fiber filters for solids

Solids testing, a key measurement in water quality and wastewater analysis, includes testing for total solids (TS), total dissolved solids (TDS), total suspended solids (TSS) and volatile suspended solids (VSS). It can be challenging for a lab staff to maintain accuracy and daily productivity under time pressure. Whatman™ RTU filters help lab staff simplify filter preparation steps in solids measurement, streamlining workflows and saving time. The RTU series filters are pretreated (washing, drying/ignition and weighing) to ensure weight loss less than 4% or 0.5 mg, whichever is less. 934-AH™ RTU filters meet the requirements of SM2540C/D/E, and GF/C™ RTU filters conform to EN872. The RTU filter family includes an economy range which is washed and dried but not weighed.

934AH RTU tray

Filter preparation workflows

EN872



Standard method 2540

Grade 934 RTU **HSN Code: 70199090 | GST: 18%**

Cat. Nos	Description	INR Price
9907-024	934-AH RTU 24MM 100/PK	14260
9907-042	934-AH RTU 42.5MM 100/PK	7660
9907-047	934-AH RTU 47MM 100/PK	8750
9907-055	934-AH RTU 55MM 100/PK	10470
9907-070	934AH RTU for solids, 70mm, 100/ pk	22590
9907-090	934-AH RTU 90MM 100/PK	18130
9907-10047	934-AH RTU 47MM Barcode 100/PK	7560
9907-9436	934-AH RTU 47MM 100/PK 5 decimal places	17490

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for demo video

Glass microfiber filter papers with binder

Glass fiber filter with binder: filtration speed

~ 3 µm retention capability < 1 µm

Grade GF 6: inorganic binder

Good retention for very fine particles. This filter is used for:

- water pollution applications
- removing protein from difficult-to-filter beers
- determination of chlorophyll and phytoplankton residues
- determination of filterable substances and the residue on ignition (dry weight)
- analysis of aggressive media (e.g. acidic gases)
- scintillation measurements
- determination of the elemental iron content in the presence of iron oxides

Grade GF 8: inorganic binder

This glass fiber filter is used in the filtration of coarse particles. Frequently used in:

- environmental analysis
- determination of PCB, DDE , DDT, furans and dioxins in the air
- pollution measurements in industrial, urban and populated areas, cement factories, iron and steel industry
- dust measurements in the workplace
- determination of the dust fraction in technical gases
- testing the effectiveness of dust collecting

Grade GF 9: inorganic binder

Used in similar applications to GF 8.

Grade GF 10: organic binder

This filter with extreme mechanical stability and temperature resistance up to 180°C is used as a weighing aid for infrared weighing and as a roll filter in automatic air filtration units.

Grade GF 92: inorganic binder

This filter is used as a membrane prefilter in applications such as:

- determination of crop protection agent residues by GC or HPLC
- cold sludge determination of beer
- soot separation before gas analyzers
- as roll filters in automatic air filtration units

Grade GF 8 glass microfiber filters with binder

HGF61 glass fiber tape

Grade HGF61: organic binder

This glass fiber paper has excellent mechanical strength and it can retain < 99% air particulate matter which make it very suitable as a filter tape in continuous air monitoring. The grade is also used as venting filter due to its water-repellent feature.

Glass Microfiber Filter with Binders

Grade GF 6 - Inorganic Binder

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
10370018	GF6 25MM 200/PK	8550
10370019	GF6 47MM 200/PK	13090
10370002	GF6 50MM 200/PK	27790
10370003	GF6 55MM 100/PK	12660
10370004	GF6 70MM 100/PK	16340
10370005	GF6 90MM 100/PK	22500
10370020	GF6 100MM 100/PK	35410
10370029	GF6 105MM 100/PK	55950
10370006	GF6 110MM 100/PK	35410
10370007	GF6 125MM 100/PK	38610
10370008	GF6 150MM 100/PK	53000
10370010	GF6 185MM 100/PK	58900
10370011	GF6 200MM 100/PK	68000
10370012	GF6 240MM 100/PK	77100
10370050	GF6 610x620MM 100/PK	152970

Grade GF 8 - Inorganic Binder

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
10370119	GF8 47MM 200/PK	14510
10370105	GF8 90MM 100/PK	23240
10370111	GF8 200MM 100/PK	19550
10370172	GF8 60x90MM 100/PK	22090

Grade GF 9 - Inorganic Binder

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
10370202	GF9 50MM 200/PK	13530
10370205	GF9 90MM 100/PK	22260
10370206	GF9 110MM 100/PK	32710

Grade GF 10 - Inorganic Binder

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
10370319	GF10 47MM 200/PK	11560
10370302	GF10 50MM 200/PK	14680
10370305	GF10 90MM 100/PK	22130
10370320	GF10 100MM 100/PK	24390
10370308	GF10 150MM 100/PK	57300
10370381	GF10 30MMx20M CORE 40MM 1/PK	8190
10370392	GF10 35MMx30M CORE 70MM 1/PK	6190
10370393	GF10 40MMx42M CORE 28MM 1/PK	60140
10370394	GF10 50MMx100M CORE 70MM 1/PK	155490
10370391	GF10 60MMx42M CORE 28MM 1/PK	14640
10370395	GF10 70MMx40M CORE 70MM 1/PK	15400
10370384	GF10 70MMx50M CORE 70MM 1/PK	26950
10370451	GF10 SHTS 285x458 MM 50/PK	27320

Grade GF 92 - Inorganic Binder

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
10421019	GF92 42MM 200/PK	19410
10421026	GF92 47MM 200/PK	20940
10421030	GF92 50MM 200/PK	20410
10421043	GF92 100MM 100/PK	29510
10421057	GF92 135MM 100/PK	47220
10421060	GF92 142MM 100/PK	47370

Grade HGF 61 - Inorganic Binder

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
1830-10091	HGF61 30MMx40M CORE 28MM 1/PK	3510
1830-10125	HGF61 40MMx25M CORE 28MM 1/PK	3830
1830-6236	HGF61 30MMX20M CORE 40.5MM 1/PK	3850

Quartz fiber filter papers

Grade QM-A

These high-purity quartz (SiO) microfiber filters are used for air sampling in acidic gases, stacks, flues, and aerosols, particularly at high temperatures up to 800°C and in PM2.5/PM10 and trace element analysis.

- Due to the low level of alkaline earth metals, artifact products of sulfates and nitrates (from SO and NO) are virtually eliminated.
- QM-A, sequentially numbered according to EPA standards, is suitable for most applications.
- Grade QM-A filter papers are pre-fired.

Grade QM-B

QM-B is a thicker quartz fiber filter than QM-A. It has higher loading capacity and is suitable for air sampling.

Grade QM-H

This is a pure quartz fiber filter with low heavy metal content, which can be used at temperatures over 900°C.

Grade QM-A filter paper circles

Grade QM-A — **HSN Code: 70199090 | GST: 18%**

Cat. Nos	Description	INR Price
1851-025	QMA 2.5CM 100/PK	16330
1851-032	QMA 3.2CM 100/PK	16090
1851-037	QMA 3.7CM 100/PK	20600
1851-045	QMA 4.5CM 100/PK	22220
1851-047	QMA 4.7CM 100/PK	21960
1851-050	QMA 5.0CM 100/PK	46730
1851-055	QMA 5.5CM 100/PK	23370
1851-082	QMA 8.26CM 100/PK	38440
1851-085	QMA 8.5CM 100/PK	76110
1851-090	QMA 9.0CM 100/PK	45970
1851-101	QMA 10.16CM 100/PK	53000
1851-110	QMA 11CM 100/PK	79300
1851-118	QMA 11.8CM 100/PK	98200
1851-150	QMA 15CM 100/PK	109430
1851-865	QMA 8x10IN 25/PK	47760
1851-8866	QMA 8x10IN NUMBERED 100/PK	193580
1851-10011	QMA 8x10IN Sheets 100/PK	111940

Grade QM-B — **HSN Code: 70199090 | GST: 18%**

Cat. Nos	Description	INR Price
1852-040	QMB 40MM 50/PK	31410
1852-042	QMB 42MM 50/PK	27070

Grade QM-H — **HSN Code: 70199090 | GST: 18%**

Cat. Nos	Description	INR Price
1853-037-50	QM-H 37MM 50/PK	17580
1853-047-50	QM-H 47MM 50/PK	28470
1853-050-50	QM-H 50MM 50/PK	25400
1853-090-50	QM-H 90MM 50/PK	80570
1853-150-50	QM-H 150MM 50/PK	145570

Grade QM-C

QM-C 100% quartz microfiber filter paper features low trace metals (Cr, Ar, Pb, Cd, Ni, Zn) and high temperature resistance. It is well-suited for heavy metal analysis of particulate matter and sampling of acidic gases, stacks, flues and aerosols in air monitors.

- **100% pure quartz microfiber, without any binder or organic chemicals.**
- **Pre-fired filters eliminate firing step, saving time in prepartion process.**
- **Air retention efficiency ≥99.95% @ 0.3 µm DOP.**
- **Temperature resistance up to 1200°C.**
- **Batch-specific metal report is available on the website for downloading.**
- **Certified to conform to European and US EPA standards for heavy metal analysis in air particulate matter.**

QM-C high purity quartz microfiber filter addresses the challenge of heavy metal analysis in PM2.5/PM10 and enables customers to generate high-quality data.
It is also suitable for organic chemical analyses such as PCBs and PAHs.

Grade QM-C **HSN Code: 70199090 | GST: 18%**

Cat. Nos	Description	INR Price
1855-037	QMC pre-fired, 37mm 100/pk	25920
1855-047	QMC pre-fired, 47mm 100/pk	28250
1855-082	QMC prefired 82.6cm 100/pk	60340
1855-090	QMC pre-fired, 90mm 100/pk	61580
1855-110	QMC prefired 110mm 100/pk	124380
1855-150	QMC pre-fired, 150mm 100/pk	147970
1855-865	QMC pre-fired, 8x10IN 25/PK	59220
1855-866	QMC pre-fired 8x10IN 100/pk	148050

Certificate Of Analysis

Product Number: 1855-865
Product Name: QMC pre-fired, 8x10IN 25/PK
Lot Number/Serial Number: 17334676

Quality Control

Test	Range	Results
Grammage,gsm	75-95	82
Thickness, um@53kPa	400-550	465
Porosity, S/300ml/1.0sq.in	14-24	23
NICKEL, ppm	≤3.5	3.35
LEAD, ppm	≤2.0	0.24
ZINC, ppm	≤8.0	5.1
ARSENIC, ppm	≤1.0	0.025
CADMIUM, ppm	≤0.5	<0.5
CHROMIUM, ppm	≤5.0	2.45
Air Retention,% 0.3µm@5.33cm/sec	≥99.95	99.99

Elements test report

Test Results From Third-party Detection Institution

Test	Result		
	Mean	Min	Max
Argentum, mg/kg	< 0.005	< 0.005	< 0.005
Arsenic, mg/kg	0.025	0.020	0.030
Beryllium, mg/kg	<0.01	<0.01	<0.01
Cobalt, mg/kg	0.011	0.011	0.011
Chromium, mg/kg	2.45	2.3	2.6
Copper, mg/kg	<0.4	<0.4	<0.4
Mercury, mg/kg	<0.005	<0.005	<0.005
Lithium, mg/kg	< 0.025	< 0.025	< 0.025
Manganese, mg/kg	0.7	0.7	0.7
Nickel, mg/kg	3.35	3.3	3.4
Antimony, mg/kg	0.066	0.049	0.083
Lead, mg/kg	0.24	0.21	0.27
Boron, mg/kg	1.05	1.0	1.1
Aluminum, mg/kg	164	164	164
Sodium, mg/kg	4.1	4.1	4.1
Magnesium, mg/kg	28.5	27	30
Kalium, mg/kg	5.4	3.1	7.7
Calcium, mg/kg	83.5	65	102
Iron, mg/kg	21.5	21	22
Strontium, mg/kg	< 0.5	< 0.5	< 0.5
Titanium, mg/kg	3.45	3.3	3.6
Zirconium, mg/kg	7.05	6.7	7.4
Barium, mg/kg	2.2	2.1	2.3
Zinc, mg/kg	5.1	3.3	6.9
Phosphorus, mg/kg	356.5	338	375
Silicon, mg/kg	600000	600000	600000
Cadmium, mg/kg	<0.5	<0.5	<0.5

Membrane filters

Whatman™ membrane fi lters offer accurately controlled pore size distribution with high strength and fl exibility to ensure reproducibility and consistency. Membranes are available in a range of pore sizes and formats, including sterile and autoclave packs and colored and gridded forms for specialized applications.

03

Scan the QR code
for product details

Track-etched polycarbonate membranes

We manufacture Whatman™ track-etched membranes using proprietary technology to produce a precision membrane filter with closely controlled pore size distribution.

These membranes include Cyclopore™ polycarbonate, Nuclepore™ polycarbonate, chemotaxis membranes, black polycarbonate, and polycarbonate membranes for cell culture.

Cyclopore™ polycarbonate membranes

Membranes are produced from a pure polymeric film and give exceptional chemical cleanliness. They are free of contaminants, have low tare weight, minimum water adsorption, and very low levels of nonspecific protein binding. The polycarbonate membranes are hydrophilic and are available in a choice of diameters and pore sizes.

Black Cyclopore™ membranes are excellent for epifluorescence and other microscopy applications requiring a contrasting background. The polycarbonate membrane is used to filter the sample and is then used directly for analysis. The dark membrane gives lower background fluorescence and improves the sensitivity of the test.

Features and benefits

- Low affinity for stains provides higher optical contrast, making visibility under a microscope easy.
- True surface capture provides easy examination of samples and short analysis times.
- Totally transparent membranes are available.
- For the analysis of cell migration toward a chemical stimulus
- Thin and uniform; cylindrical pores facilitate rapid cell migration

Nuclepore™ polycarbonate membranes

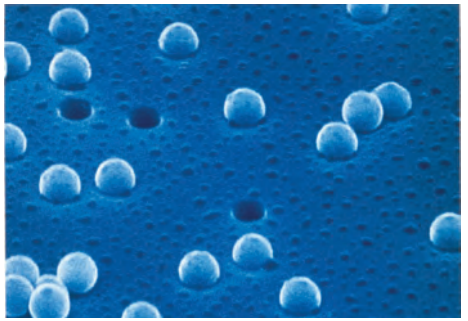
Nuclepore™ track-etched polycarbonate membranes are manufactured from high-quality polycarbonate film and have sharply defined pore sizes, high flow rates, and excellent chemical and thermal resistance. The membranes have a smooth flat surface and exhibit very low levels of extractables.

Nuclepore™ black dyed polycarbonate membranes are high performance membranes suited for applications using epifluorescence microscopy. Black membranes greatly reduce background fluorescence, which results in improved microorganism and particulate visibility.

Features and benefits

- Low protein binding and low extractables, minimizing sample contamination
- High chemical resistance and good thermal stability for a wide range of samples
- Low, consistent ash and tare weights
- Smooth flat surface for good visibility of particles

Cyclopore™ PC polycarbonate membrane filters



Microscope image of the surface area of Cyclopore™ PC polycarbonate membrane filters

Nuclepore™ black polycarbonate membranes

Cyclopore HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
10417701	CYL PC 13MM 0.4uM 100/PK	14580
7060-2501	CYL PC 25MM 0.1uM 100/PK	10520
10417606	CYL PC 25MM 0.2uM 100/PK	17080
7063-2502	CYL PC BL 25MM 0.2uM 100/PK	12900
10417706	CYL PC 25MM 0.4uM 100/PK	14580
7063-2504	CYL PC BL 25MM 0.4uM 100/PK	12770
7060-2511	CYL PC 25MM 2.0uM 100/PK	11770
7060-2513	CYL PC 25MM 5.0uM 100/PK	12400
7062-2513	CYL PC CLR 25MM 5.0uM 100/PK	13620
7060-2514	CYL PC 25MM 8.0uM 100/PK	11770
10418552	CYL PC 25MM 12.0uM 100/PK	14980
7060-4701	CYL PC 47MM 0.1uM 100/PK	19280
10417612	CYL PC 47MM 0.2uM 100/PK	27980
7063-4702	CYL PC BL 47MM 0.2uM 100/PK	23290
10417712	CYL PC 47MM 0.4uM 100/PK	27980
7060-4710	CYL PC 47MM 1.0uM 100/PK	18570
7091-4710	CYL PC CLEAR 47MM 1.0uM 100/PK	21460
7060-4712	CYL PC 47MM 3.0uM 100/PK	18570
7060-4713	CYL PC 47MM 5.0uM 100/PK	18570
7060-4714	CYL PC 47MM 8.0uM 100/PK	19410
10418450	CYL PC 47MM 10.0uM 100/PK	25800
10418550	CYL PC 47MM 12.0uM 100/PK	28660

Nuclepore HSN Code: 39206190| GST: 18%

Cat. Nos	Description	INR Price
110405	NUC PC 13MM 0.1uM 100/PK	11810
10417001	NUC PC 13MM 0.2uM 100/PK	9770
10417101	NUC PC 13MM 0.4uM 100/PK	9870

Nuclepore HSN Code: 39206190| GST: 18%

Cat. Nos	Description	INR Price
10417301	NUC PC 13MM 0.8uM 100/PK	11000
10418701	NUC PC 13MM 1.0uM 100/PK	10110
10418301	NUC PC 13MM 3.0uM 100/PK	10110
10417401	NUC PC 13MM 5.0uM 100/PK	9870
10417501	NUC PC 13MM 8.0uM 100/PK	9870
150446	NUC PC 13MM 8.0uM PVPF 100/PK	11800
10418401	NUC PC 13MM 10.0uM 100/PK	14670
10418501	NUC PC 13MM 12.0uM 100/PK	10690
800308	NUC PC 19MM 0.05uM 100/PK	14420
800309	NUC PC 19MM 0.1uM 100/PK	12040
10417004	NUC PC 19MM 0.2uM 100/PK	12110
800307	NUC PC 19MM 0.3uM 100/PK	16360
10417104	NUC PC 19MM 0.4uM 100/PK	12110
10417304	NUC PC 19MM 0.8uM 100/PK	10810
10418704	NUC PC 19MM 1.0uM 100/PK	11070
110601	NUC PC 25MM 0.015uM 100/PK	23160
110602	NUC PC 25MM 0.03uM 100/PK	17040
110603	NUC PC 25MM 0.05uM 100/PK	15110
110604	NUC PC 25MM 0.08uM 100/PK	15110
110605	NUC PC 25MM 0.1uM 100/PK	14310
10417006	NUC PC 25MM 0.2uM 100/PK	12550
110656	NUC PC 25MM BL 0.2uM 100/PK	13630
10417106	NUC PC 25MM 0.4uM 100/PK	12670
110637	NUC PC 25MM AOX 0.4uM 100/PK	16470
110657	NUC PC 25MM BL 0.4uM 100/PK	12040
10417206	NUC PC 25MM 0.6uM 100/PK	11340

Nuclepore HSN Code: 39206190| GST: 18%

Cat. Nos	Description	INR Price
10417306	NUC PC 25MM 0.8uM 100/PK	12670
110659	NUC PC 25MM BL 0.8uM 100/PK	13630
10418706	NUC PC 25MM 1.0uM 100/PK	12980
10418806	NUC PC 25MM 2.0uM 100/PK	12980
10418306	NUC PC 25MM 3.0uM 100/PK	12980
10417406	NUC PC 25MM 5.0uM 100/PK	12670
155845	NUC PC 25X80MM PVPF 5.0uM 100	20790
10417506	NUC PC 25MM 8.0uM 100/PK	12550
10418406	NUC PC 25MM 10.0uM 100/PK	12980
10418506	NUC PC 25MM 12.0 uM 100/PK	11620
10417309	NUC PC 37MM 0.8uM 100/PK	18180
111101	NUC PC 47MM 0.015uM 100/PK	36800
111103	NUC PC 47MM 0.05uM 100/PK	26420
111104	NUC PC 47MM 0.08uM 100/PK	26420
111105	NUC PC 47MM 0.1uM 100/PK	26180
10417012	NUC PC 47MM 0.2uM 100/PK	20620
111156	NUC PC 47MM BL 0.2uM 100/PK	17720
10417112	NUC PC 47MM 0.4uM 100/PK	21960
111137	NUC PC 47MM 0.4uM AOX 100/PK	22380
10417212	NUC PC 47MM 0.6uM 100/PK	21960
10417312	NUC PC 47MM 0.8uM 100/PK	21960
10418712	NUC PC 47MM 1.0uM 100/PK	22490
10418812	NUC PC 47MM 2.0uM 100/PK	22490
10418312	NUC PC 47MM 3.0uM 100/PK	22490
10417412	NUC PC 47MM 5.0uM 100/PK	21740
10417512	NUC PC 47MM 8.0uM 100/PK	21960
10418412	NUC PC 47MM 10.0uM 100/PK	22490
10418512	NUC PC 47MM 12.0uM 100/PK	20240
10417014	NUC PC 50MM 0.2uM 100/PK	24660
10417114	NUC PC 50MM 0.4uM 100/PK	22150

Nuclepore HSN Code: 39206190| GST: 18%

Cat. Nos	Description	INR Price
10417414	NUC PC 50MM 5.0uM 100/PK	22150
10418514	NUC PC 50MM 12.0uM 100/PK	25260
111503	NUC PC 76MM 0.05uM 100/PK	58950
10417116	NUC PC 81MM 0.4uM 25/PK	13900
111703	NUC PC 90MM 0.05uM 25/PK	21350
111705	NUC PC 90MM 0.1uM 25/PK	18170
10417018	NUC PC 90MM 0.2uM 25/PK	25560
10417118	NUC PC 90MM 0.4uM 25/PK	22930
10418718	NUC PC 90MM 1.0uM 25/PK	26180
10418818	NUC PC 90MM 2.0uM 25/PK	23490
10418318	NUC PC 90MM 3.0uM 25/PK	25920
10418551	NUC PC 90MM 12.0uM 100/PK	96250
111721	NUC PC 142MM 0.05um 25/PK	44930
112104	NUC PC 142MM 0.08uM 25/PK	35390
112105	NUC PC 142MM 0.1uM 25/PK	29130
10417031	NUC PC 142MM 0.2uM 25/PK	41690
10417131	NUC PC 142MM 0.4uM 100/PK	66840
10417331	NUC PC 142MM 0.8uM 100/PK	66840
10418731	NUC PC 142MM 1.0uM 25/PK	40500
112803	NUC PC 293MM 0.05uM 25/PK	65700
112804	NUC PC 293MM 0.08uM 25/PK	79970
112805	NUC PC 293MM 0.1uM 25/PK	51220
10417051	NUC PC 293MM 0.2uM 25/PK	102800
10417039	NUC PC 293MM 0.2uM 100/PK	178400
10417139	NUC PC 293MM 0.4uM 25/PK	102800
10418739	NUC PC 293MM 1.0uM 25/PK	72120
113502	NUC PC 8X10IN 0.03uM 25/PK	75300
113603	NUC PC 8X10IN 0.05uM 100/PK	340520

Polyester drain discs

Use these drain discs with hardware where extra support is needed, or between membrane filters to improve flow rate and throughput. The polyester drain disc is binder free and has a thickness of 100 µm. It provides a flat surface to prevent filter tearing or rupturing of a filter when placed below or used as a separator between membrane layers in serial stack filtration applications. This chemically inert support disc is available in a variety of diameters for use in a range of devices.

Polyester Drain Disc

Applications

- General laboratory microfiltration.
- Support for membranes such as polycarbonate track etched filters.
- For use under membrane filter to prevent imprinting of hardware support structure during filtration, facilitate sealing, and to aid in channeling fluid flow through entire effective filtration.
- Use between membrane filters to facilitate fluid flow between membrane layers.

Drain Disc **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
230300	PE DRAIN DISC 10MM 100/PK	6520
230500	PE DRAIN DISC 22MM 100/PK	6790
230600	PE DRAIN DISC 25MM 100/PK	6990
230800	PE DRAIN DISC 37MM 100/PK	7250
231100	PE DRAIN DISC 47MM 100/PK	8870
232100	PE DRAIN DISC 90MM 100/PK	21790
232310	PE DRAIN DISC 142MM 100/PK	10990
232300	PE DRAIN DISC 293MM 25/PK	19310

Anopore™ inorganic membranes

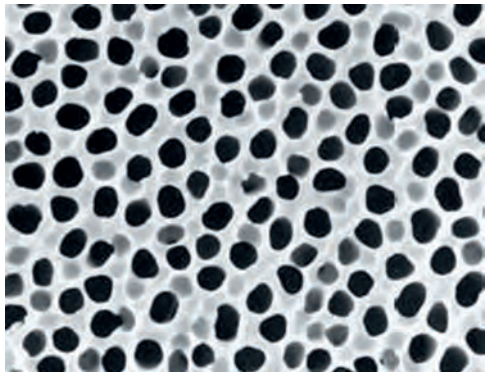
The Anopore™ inorganic membrane (Anodisc™) is an excellent choice for a wide range of laboratory filtration applications. This material has a precise, nondeformable honeycomb pore structure with no lateral crossover between individual pores. Anopore™ membranes filter at precisely the stated cut-off, allowing no larger sized particles to pass through the membrane. Composed of a high-purity alumina matrix that is manufactured electrochemically, the membrane exhibits low protein binding, has minimal autofluorescence, is nontoxic, and supports cellular growth.

Anopore™ is available in three nominal pore sizes: 0.02 µm, 0.1 µm and 0.2 µm, and in three diameters: 13 mm, 25 mm, and 47 mm.

Applications

- HPLC mobile phase filtration and degassing
- Ultra cleaning of solvents
- Gravimetric analysis
- Liposome extrusion
- Scanning electron microscopy studies
- Bacterial analysis by epifluorescence light microscopy
- Micrometer and nanometer filtration
- Metal nanorods formation

Anopore™ inorganic membranes without support ring



Anodisc™ pore structure

Anodisc **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
6809-7003	ANOD 13MM 0.02uM NO SUP 100/PK	29090
6809-7004	ANOD 13MM LF 0.02 NO SUP 100/PK	36150
6809-7013	ANOD 13MM 0.1uM NO SUP 100/PK	30960
6809-7023	ANOD 13MM 0.2uM NO SUP 100/PK	31540
6809-6002	ANOD 25MM 0.02uM SUPP 50/PK	44840
6809-6012	ANOD 25MM 0.1uM SUPP 50/PK	40770
6809-6022	ANOD 25MM 0.2uM SUPP 50/PK	44510
6809-5502	ANOD 47MM 0.02uM NO SUP 50/PK	49300
6809-5002	ANOD 47MM 0.02uM SUPP 50/PK	65420
6809-5012	ANOD 47MM 0.1um SUPP 50/PK	65420
6809-5522	ANOD 47MM 0.2UM NO SUP 50/PK	55140
6809-5022	ANOD 47MM 0.2uM SUPP 50/PK	67640

Cellulosic membranes

Regenerated cellulose membranes

Whatman™ regenerated cellulose membranes are made of pure cellulose without wetting agents to provide a membrane with broad chemical compatibility that can be use with aqueous solutions or organic solvents. Combined with low extractable and low binding characteristics, regenerated cellulose membranes are well-suited for sample preparation and mobile filtration for HPLC applications and as well as proteinaceous solutions.

Regenerated cellulose membrane filter circles

Cellulose acetate membranes

Whatman™ cellulose acetate membranes are made from pure cellulose acetate, making them suitable for biological and clinical analysis, sterility tests, and scintillation measurements. Cellulose acetate membrane filters exhibit very low protein binding capacity. They are hydrophilic, making them suitable for aqueous and alcoholic media.

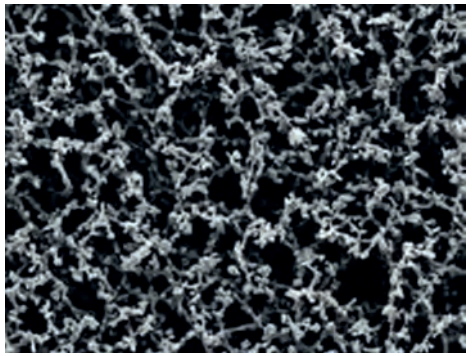
Cellulose Nitrate Membranes

Recommended for most routine applications, this membrane is manufactured under strictly controlled conditions. Whatman™ nitrocellulose membranes are known for higher strength and flexibility, low extractables and narrow pore size distribution.

Mixed Cellulose Ester Membranes

Whatman™ mixed cellulose ester membranes are composed of cellulose acetate and cellulose nitrate. These membranes are characterized by a smoother and more uniform surface than pure nitrocellulose filters. Also, the colour contrast provided by the filter surface facilitates particle detection and minimizes eye fatigue.

Eased microbial counting process, Mixed cellulose ester membranes are available in non-sterile and sterile packaging in plain and gridded format.



Mixed cellulose ester membrane

Regenerated Cellulose HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
10410206	RC55 0.45uM 25MM 100/PK	15680
10410312	RC58 0.2uM 47MM 100/PK	22550
10410212	RC55 0.45uM 47MM 100/PK	23420
10410213	RC55 0.45uM 47MM 100/PK AGLENT	27970
10410012	RC60 1uM 47MM 100/PK	22540
10410314	RC58 0.2uM 50MM 100/PK	23030
10410214	RC55 0.45uM 50MM 100/PK	23030
10410272	RC55 0.45uM ST 50MM 100/PK	45820
10410014	RC60 1uM 50MM 100/PK	24120
10410319	RC58 0.2uM 100MM 25/PK	17150
10410219	RC55 0.45uM 100MM 25/PK	16520
10410224	RC55 0.45uM 110MM 25/PK	19280
10410229	RC55 0.45uM 142MM 25/PK	31430
10410380	RC58 0.2uM 300x600MM 5/PK	60890

Cellulose Acetate HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10404106	OE66 0.2uM 25MM 100/PK	5070
10404112	OE66 0.2uM 47MM 100/PK	9270
10404114	OE66 0.2uM 50MM 100/PK	10250
10404131	OE66 0.2uM 142MM 25/PK	12440
10404180	OE66 0.2uM 300x600MM 5/PK	27180
10404006	OE67 0.45uM 25MM 100/PK	6790
10404012	OE67 0.45uM 47MM 100/PK	9620
10404014	OE67 0.45uM 50MM 100/PK	10010
10404045	OE67 0.45uM 90MM 50/PK	17390
10404031	OE67 0.45uM 142MM 25/PK	12440
10404001	OE67 0.45uM 13MM 100/PK	6030

Cellulose Acetate HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10404044	OE67 0.45uM 85MM 50/PK	17450
10404026	OE67 0.45uM 110MM 50/PK	23090
10404126	OE66 0.2uM 110MM 50/PK	21700
10404139	OE66 0.2uM 293MM 25/PK	57400

Cellulose Acetate HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
7001-0004	CA 0.2uM 47MM 100/PK	8510
7000-0002	CA 0.45uM 25MM 100/PK	8890
7000-0004	CA 0.45uM 47MM 100/PK	7960
10403112	ST68 0.8uM 47MM 100/PK	14350
10403012	ST69 1.2uM 47MM 100/PK	14350

Cellulose Nitrate HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
7181-002	WCN WH 0.1uM 25MM 100/PK	16160
7181-004	WCN WH 0.1uM 47MM 100/PK	21160
10402012	NC10 0.1uM 47MM 100/PK	11820
10402014	NC10 0.1uM 50MM 100/PK	12650
7182-001	WCN WH 0.2uM 13MM 100/PK	11390
7182-002	WCN WH 0.2uM 25MM 100/PK	6750
7182-004	WCN WH 0.2uM 47MM 100/PK	4880
10401312	NC20 0.2uM 47MM 100/PK	15680
10401314	NC20 0.2uM 50MM 100/PK	16900
7182-009	WCN WH 0.2uM 90MM 25/PK	13400
7182-014	WCN WH 0.2uM 142MM 25/PK	17850
7184-001	WCN WH 0.45uM 13MM 100/PK	9520

Cellulose Nitrate HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
10401106	NC45 0.45uM 25MM 100/PK	10640
7184-002	WCN WH 0.45uM 25MM 100/PK	9520
10401112	NC45 0.45uM 47MM 100/PK	15550
7184-004	WCN WH 0.45uM 47MM 100/PK	4730
10401170	NC45 ST 0.45uM 47MM 100/PK	16710
7141-104	CN, White Gridded, 0.45um 47mm 100/pk	7490
10401114	NC45 0.45uM 50MM 100/PK	16280
7184-005	WCN WH 0.45uM 50MM 100/PK	17240
10401122	NC45 0.45uM 85MM 50/PK	7390
10401118	NC45 0.45uM 90MM 50/PK	29540
7184-009	WCN WH 0.45uM 90MM 25/PK	13750
10401121	NC45 0.45uM 100MM 50/PK	32810
10401126	NC45 0.45uM 110MM 50/PK	33810
10401131	NC45 0.45uM 142MM 25/PK	20910
7184-014	WCN WH 0.45uM 142MM 25/PK	21820
7186-004	WCN WH 0.65uM 47MM 100/PK	19050
7188-002	WCN WH 0.8uM 25MM 100/PK	13770
7188-003	WCN WH 0.8uM 37MM 100/PK	17720
7188-004	WCN WH 0.8uM 47MM 100/PK	7260
7188-009	WCN WH 0.8uM 90MM 25/PK	15430
7190-002	WCN WH 1.0uM 25MM 100/PK	14770
7190-004	WCN WH 1.0uM 47MM 100/PK	20160
7191-005	WCN WH 1.2uM 50MM 100/PK	15190
7191-014	WCN WH 1.2uM 142MM 25/PK	27010
7193-002	WCN WH 3.0uM 25MM 100/PK	13520
7193-004	WCN WH 3.0uM 47MM 100/PK	19170
7195-004	WCN WH 5.0uM 47MM 100/PK	15550
7195-009	WCN WH 5.0uM 90MM 25/PK	16040
10400206	AE98 5.0uM 25MM 100/PK	13150

Cellulose Nitrate HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
10400212	AE98 5.0uM 47MM 100/PK	16760
10400214	AE98 5.0uM 50MM 100/PK	18910
7195-002	WCN WH 5.0uM 25MM 100/PK	13770
10400106	AE99 8uM 25MM 100/PK	13520
10400112	AE99 8uM 47MM 100/PK	16760
10400114	AE99 8uM 50MM 100/PK	17600
10400012	AE100 12 uM 47MM 100/PK	16760
10400014	AE100 12uM 50MM 100/PK	17600

Cellulose Nitrate Sertile

White grids Black lines HSN Code: 84213990 | GST: 18%

Cat. Nos	Description	INR Price
10407713	MP21 ST 0.45uM 47MM 100/PK	13760
10407714	MP21 ST 0.45uM 50MM 100/PK	13990
10407112	MP21 STL 0.45uM 47MM 400/PK	42680
10407114	MP21 STL 0.45uM 50MM 400/PK	44080

Black grids White lines HSN Code: 84213990 | GST: 18%

Cat. Nos	Description	INR Price
10407132	MP31 STL 0.45uM 47MM 400/PK	42680
10407134	MP31 STL 0.45uM 50MM 400/PK	44080
10407734	MP31 ST 0.45uM 50MM 100/PK	13990
10407766	MP31 ST 0.45uM 135X240 MM 100/PK	89280

Green grids White lines HSN Code: 84213990 | GST: 18%

Cat. Nos	Description	INR Price
10407170	MP41 STL 0.45uM 47MM 400/PK	42680
10407172	MP41 STL 0.45uM 50MM 400/PK	44080

Mixed Cellulose Ester

Plain Membranes HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
10401706	ME24 0.2uM 25MM 100/PK	5930
10401712	ME24 0.2uM 47MM 100/PK	7630
10401770	ME24 ST 0.2uM 47MM 100/PK	7930
10401714	ME24 0.2uM 50MM 100/PK	7350
10401772	ME24 ST 0.2uM 50MM 100/PK	8860
10401721	ME24 0.2uM 100MM 50/PK	20760
10401726	ME24 0.2uM 110MM 50/PK	17840
10401731	ME24 0.2uM 142MM 25/PK	11630
10401606	ME25 0.45uM 25MM 100/PK	5210
10401612	ME25 0.45uM 47MM 100/PK	7630
10401670	ME25 ST 0.45uM 47MM 100/PK	8240
10401614	ME25 0.45uM 50MM 100/PK	7350
10401672	ME25 ST 0.45uM 50MM 100/PK	7930
10401664	ME25 0.45uM 50MM 100/PK LOW C	19360
10401618	ME25 0.45uM 90MM 50/PK	13880
10401621	ME25 0.45uM 100MM 50/PK	17030
10401626	ME25 0.45uM 110MM 50/PK	17840
10401631	ME25 0.45uM 142MM 25/PK	8360
10401506	ME26 0.6uM 25MM 100/PK	9830
10401512	ME26 0.6uM 47MM 100/PK	14230
10401514	ME26 0.6uM 50MM 100/PK	14580
10400906	ME27 0.8uM 25MM 100/PK	8960
10400909	ME27 0.8uM 37MM 100/PK	12130
10400912	ME27 0.8uM 47MM 100/PK	12130
10400914	ME27 0.8uM 50MM 100/PK	11890
10400921	ME27 0.8uM 100MM 50/PK	28800
10400806	ME28 1.2uM 25MM 100/PK	10610

Plain Membranes HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
10400812	ME28 1.2uM 47MM 100/PK	17080
10400814	ME28 1.2uM 50MM 100/PK	17200
10400821	ME28 1.2uM 100MM 50/PK	41870
10408472	ME28/41 ST 1.2uM 50MM 100/PK	16330
10400706	ME29 3.0uM 25MM 100/PK	11630
10400712	ME29 3.0uM 47MM 100/PK	16330
10400714	ME29 3.0uM 50MM 100/PK	17140
10400772	ME29 ST 3.0uM 50MM 100/PK	18540

Gridded Membranes HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
10406871	ME25/21 ST 0.45uM 47MM 1000/PK	39530
10409470	ME25/41 ST 0.45uM 47MM 100/PK	8750
10409770	ME25/31 ST 0.45uM 47MM 100/PK	8750
10409771	ME25/31 ST 0.45uM 47MM 1000/PK	71020
13409770	ME25/31 ST V 0.45uM 47MM 100/PK	15280
13409470	ME25/41 ST V 0.45uM 47MM 100/PK	15280
10406512	ME25/20 0.45uM 47MM 100/PK	8360
10406814	ME25/21 0.45uM 50MM 100/PK GRD	8160
10406572	ME25/20 ST 0.45uM 50MM 100/PK	9930
10406872	ME25/21 ST 0.45uM 50MM 100/PK	8980
10409414	ME25/31 0.45uM 50MM 100/PK	9080
10409472	ME25/41 ST 0.45uM 50MM 100/PK	8980
10409714	ME25/31 0.45uM 50MM 100/PK	8160
10409772	ME25/31 ST 0.45uM 50MM 100/PK	9100
13406872	ME25/21 ST V 0.45uM 50MM 100/PK	15510
13409472	ME25/41 ST V 0.45uM 50MM 100/PK	15510
13409772	ME25/31 ST V 0.45uM 50MM 100/PK	15510

Gridded Membranes HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
10408915	ME27/21 STL 0.8uM 50MM 400/PK	51550
10408970	ME27/21 ST 0.8uM 47MM 100/PK	14930
7141-154	WME WHGRST 47MM 0.45uM 1000/PK	45600
7141-204	WME WHGRAUTO 47MM 0.45 100/P	20990
7148-002	WME WH GR 25MM 0.8uM 100/PK	18890
7141-104	WME WHGRSTNPD 47MM 0.45 100/PK	7490
7141-114	WME WHGRSTNPD 47MM 0.45 100/PK	7870
7141-124	WME WHGR ST 47MM 0.45uM 200/PK	17680
7153-104	WME BL GRST 47MM 0.45UM 100/PK	20760
7140-104	WME WH ST 47MM 0.45uM 100/PK	8480
7141-004	WME WH GR 47MM 0.45uM 100/PK	12480
10406970	ME24/21 ST 0.2uM 47MM 100/PK	8110
10408712	ME24/21 STL 0.2uM 47MM 400/PK	40210
10406972	ME24/21 ST 0.2uM 50MM 100/PK	8980
10408714	ME24/21 STL 0.2uM 50MM 400/PK	39530
10406812	ME25/21 0.45uM 47MM 100/PK GRD	8360
10406870	ME25/21 ST 0.45uM 47MM 100/PK	4780
13406870	ME25/21 ST V 0.45uM 47MM 100/PK	2770
7187-114	WME WHGRSTNPAD 47MM 0.2 100/PK	10730
7141-025	MEMBRACLEAR 25MM 100/PK	19410
7141-047	MEMBRACLEAR 47MM 100/PK	25680
10407312	ME25/21 STL 0.45uM 47MM 400/PK	40330
10407314	ME25/21 STL 0.45uM 50MM 400/PK	40120

Gridded Membranes HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	HSN Code	GST %	INR Price
10407324	ME25/20 STL 0.45uM 50MM 400/PK			39180
10407332	ME25/31 STL 0.45uM 47MM 400/PK			40120
10407334	ME25/31 STL 0.45uM 50MM 400/PK			40120
10407370	ME25/41 STL 0.45uM 47MM 400/PK			38830
10407372	ME25/41 STL 0.45uM 50MM 400/PK			40120
10407379	ME25/91 STL 0.45uM 50MM 400/PK			90960
10407970	ME25/51 ST 0.45uM 47MM 100/PK			16090
13407312	ME25/21 STL V 0.45uM 47MM 400/PK			17080
13407314	ME25/21 STL V 0.45uM 50MM 400/PK			51200
13407332	ME25/31 STL V 0.45uM 47MM 400/PK			50610
13407334	ME25/31 STL V 0.45uM 50MM 400/PK			51200
13407370	ME25/41 STL V 0.45uM 47MM 400/PK			49560
13407372	ME25/41 V STL 0.45uM 50MM 400/PK			51200
10409814	ME26/31 0.6uM 50MM 100/PK			9570
10409834	ME26/31 STL 0.6uM 50MM 400/PK			29500
10409970	ME27/61 ST 0.8uM 47MM 100/PK			17820
10407342	ME27/31 STL 0.8uM 47MM 400/PK			53990
10407615	ME27/41 STL 0.8uM 50MM 400/PK			55160
10408915	ME27/21 STL 0.8uM 50MM 400/PK			51550
10408970	ME27/21 ST 0.8uM 47MM 100/PK			14930

PTFE membranes

Whatman™ Polytetrafluoroethylene (PTFE) membranes are chemically stable and inert. They are suitable for applications involving aggressive organic solvents, strong acids and alkalis. PTFE membranes are particularly suitable for preparing samples for HPLC analysis. This hydrophobic membrane is laminated onto a nonwoven polypropylene support web, providing strength and handling, making it an excellent choice for venting culture vessels or delivering filtered air or gas to instrumentation. Thermal stability allows filtration or environmental sampling up to 120ºC.

PM 2.5 air monitoring membrane

A high-purity, thin PTFE membrane in a sequentially numbered, chemically resistant polypropylene support ring for PM 2.5 ambient air monitoring. Whatman™ PM 2.5 membranes have low tare mass for accurate gravimetric determinations. No glues or adhesives are used in making these products.

PM 2.5 Air Monitoring Membrane Filters

Statement of conformance

PTFE Filters for EPA PM 2.5 Reference Method. Under the requirements of 40 U.S. Code of Federal Regulations (CFR) Part 50, Appendix L, shown below, the manufacturer must perform the following tests as listed.

Nylon membranes

High-quality nylon membranes are suitable for filtering aqueous solutions and most organic solvents. The membranes are suitable for use with a wide range of biological preparations and can be used where other membranes are unsuitable or difficult to use.

Polyamide membrane circles

PTFE Membrane Filters—TE Range

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PM 2.5 Membrane HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
7592-104	PM 2.5 PTFE W/PP RING 50/PK	18100

PTFE HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
7582-002	PTFE 25MM 0.2uM 100/PK	23270
7590-002	PTFE 25MM 1.0uM 100/PK	21100
7582-004	PTFE 47MM 0.2uM 100/PK	22430
7585-004	PTFE 47MM 0.5uM 100/PK	22540
7590-004	PTFE 47MM 1.0uM 100/PK	42070
10411405	TE35 0.2uM 25MM 50/PK	11580
10411411	TE35 0.2uM 47MM 50/PK	15430
10411413	TE35 0.2uM 50MM 50/PK	15680
10411306	TE36 0.45uM 210x297MM 25/PK	305040
10411305	TE36 0.45uM 25MM 50/PK	12420
10411311	TE36 0.45uM 47MM 50/PK	15430
10411313	TE36 0.45uM 50MM 50/PK	16280
10411205	TE37 1uM 25MM 50/PK	12420
10411211	TE37 1uM 47MM 50/PK	15430
10411213	TE37 1uM 50MM 50/PK	16280
10411119	TE38 5uM 100MM 25/PK	133120
10411130	TE38 5uM 150MM 25/PK	58850
10411108	TE38 5uM 37MM 50/PK	15190
10411111	TE38 5uM 47MM 50/PK	15430
10411113	TE38 5uM 50MM 50/PK	15680
10411116	TE38 5uM 90MM 25/PK	26920

Polyamide HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
10414006	NL16 0.2uM 25MM 100/PK	15920
10414012	NL16 0.2uM 47MM 100/PK	21940
10414014	NL16 0.2uM 50MM 100/PK	23160
10414106	NL17 0.45uM 25MM 100/PK	17400
10414112	NL17 0.45uM 47MM 100/PK	22790
10414114	NL17 0.45uM 50MM 100/PK	23160

Nylon HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
7402-001	NYL 13MM 0.2uM 100/PK	10640
7402-002	NYL 25MM 0.2uM 100/PK	10670
7402-004	NYL 47MM 0.2uM 100/PK	8080
7402-009	NYL 90MM 0.2uM 50/PK	27920
7404-001	NYL 13MM 0.45uM 100/PK	10640
7404-002	NYL 25MM 0.45uM 100/PK	12020
7404-004	NYL 47MM 0.45uM 100/PK	10270
7404-009	NYL 90MM 0.45uM 50/PK	29170
7408-004	NYL 47MM 0.8uM 100/PK	16760
7410-004	NYL 47MM 1.0uM 100/PK	17150

Filtration hardware and accessories

Whatman™ filter holders and accessories are designed for convenience and precision. The vacuum funnels are well suited for filtration in a range of applications. The funnels and bases have precision ground faces to ensure secure clamping and integral sealing, and graduated funnels have clearly printed scales. All glassware is 100% borosilicate glass and can be easily disassembled for cleaning, loading, and autoclaving.

04

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for product details

Glass microfiber filter accessories

3-piece filter funnel

The increased use of high-efficiency glass microfiber filters in modern laboratories has created a demand for simple and effective filter-holding systems. Whatman™ 3-Piece Filter Funnels have been designed to complement the range of Whatman™ fine particle retention, rapid flow rate glass microfiber filters.

Functional design

Three-piece construction. The funnel is quickly dismantled, ready for the insertion of a new filter. The glass sealing flanges of the funnel and reservoir are ground flat to ensure a good filter seal.

Positive filter clamping

All retained solids are deposited within the filter circle. Edge clamping prevents peripheral loss and possible passage of solution around, rather than through, the filter circle.

Simple to clean

The parts can be quickly and efficiently cleaned because of the simplicity of the design.

3-piece filter funne

3 Piece funnel **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
1950-002	3 PIECE FUNNEL 2.5CM 16ML 1/PK	17200
1950-004	3 PIECE FUNNEL 4.7CM 36ML 1/PK	19100
1950-007	3 PIECE FUNNEL 7CM 115ML 1/PK	24280
1950-017	3 PIECE FUNNEL 7CM 210ML 1/PK	27170
1950-027	3 PIECE FUNNEL 7CM 400ML 1/PK	38150
1950-009	3 PIECE FUNNEL 9CM 200ML 1/PK	26560
1950-012	3 PIECE FUNNEL 12.5CM 530ML 1/PK	50600

3 Piece funnel **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
1950-109	3 PIECE PP PLT 9.0CM 1/PK	7850
1950-114	3 PIECE PTFE PLT 4.7CM 1/PK	7730
1950-117	3 PIECE PTFE PLT 7.0CM 1/PK	9350
1950-207	3 PIECE 7CM 115ml RESERVOIR 1/PK	11090
1950-209	3 PIECE 9CM 200ml RESERVOIR 1/PK	13080
1950-217	3 PIECE 7CM 210 RESERVOIR 1/PK	12900

Glass vacuum filtration devices

Glass vacuum filtration devices come in two general styles: glass filtration assemblies and glass filter funnels. Both styles use a clamp to hold the upper funnel to the lower base, tightly sealing the filter in between to prevent fluid bypass. Borosilicate glass provides chemical compatibility and smooth surfaces for thorough cleaning. Selection of filter support is influenced by the nature of the fluid being filtered. Low particulate and low viscosity fluids filter well through in integrated porous glass support while high particulate, viscous or aggressive solvents may require a removable glass or stainless steel frit to allow for more aggressive cleaning procedures and/or better chemical compatibility.

Glass filtration assemblies

Glass filtration assemblies are designed in three pieces: upper funnel, lower base, and flask.

- Ideal for mobile phase filtration for analytical chemistry applications
- Selected for chemistry applications requiring minimized contact with multiple materials of construction
- Filter directly into a glass flask that can be removed and covered for analysis of filtrate, or retrieve filter for analysis of particulate collected
- Can be used for microbiological analysis by membrane filter (MF) technique

Glass filter funnel

Glass filter funnels

Filter funnels are designed in two pieces: upper funnel and lower base with stopper.

- Suitable for microbiological analysis by MF technique of water, beverages, pharmaceuticals, and personal care products.
- Versatile design allows individual filtration using a traditional side-arm Erlenmeyer flask or installation into a traditional 3- or 6-place manifold systems
- Variety of funnel sizes and membrane diameters to suit a range of applications from particulate and residue analysis to precipitation and biochemical studies

SF 100 Suction Flask

Glass Filtration

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
1960-002	25MM GLS HLDR 25ML FNL W GLS FRIT	23390
1960-052	25MM GLS HLDR 25ML FNL W PTFE FRIT	26640
1960-032	25MM GLS HLDR 50ML FNL W PTFE FRIT	27200
1960-004	47MM GLS HLDR 300ML FNL W GLS FRIT	26640
1960-054	47MM GLS HLDR 300ML FNL W PTFE FRIT	26750
1960-009	90MM GLS HLDR 1000ML FNL W GLS FRIT	74430
10441000	GV025/0 60ML FNL W GLS FRIT PTFE Ring	36090
10441200	GV025/2 60ML FNL 500ML FLS Assembly	56720
10442000	GV050/0 250ML FNL W GLS FRIT	46750
10442100	GV050/1 250ML FNL W PTFE FRIT PTFE Ring	56370
10442200	GV050/2 250ML FNL 1000ML FLSK Assembly	80810
10442300	GV050/3 250ML FNL 1000ML FLSK Assembly	87310
10443000	GV100/1 500ML FNL W GLS FRIT PTFE Ring	129470
10443100	GV100/1 500ML FNL W PTFE FRIT PTFE Ring	151820

Accessories

HSN Code: 70172000 | GST: 18%

Cat. Nos	Description	INR Price
1961-054	UPPER GLS FNL 300ML 1/PK	9380
10441001	GV025/0/01 UPPER GLS FUN 60ML 1/PK	11230
10441002	GV025/0/02 Lower GLS base 1/PK	6790
10441003	GV025/0/03 GLASSFRIT 1/PK	6990
10441004	GV025/0/05 PTFE CENT FRT 1/PK	3900
10441005	GV025/0/06 CLAMP F/GV025 1/PK	10310
10440004	GV/MV050/0/06 CLAMP 1/PK	16270
10442001	GV050/0/01 UPPER GLS FUN 250ML 1/PK	16610
10442002	GV050/0/02 LOWER GLS BASE 1/PK	11110
10442003	GV050/0/03 GLS FRIT 1/PK	7100

Accessories

HSN Code: 70172000 | GST: 18%

Cat. Nos	Description	INR Price
10442004	GV050/0/05 PTFE CENT FRIT 1/PK	2640
10443001	GV100/0/01 Upper GLS FUN 500ML 1/PK	23600
10443002	GV100/0/02 Lower GLS BASE 1/PK	27960
10443003	GV100/0/03 GLS FRIT 1/PK	29330
10443004	GV100/0/05 PTFE CENT FRT 1/PK	10540
10443005	GV100/0/06 CLAMP 1/PK	58660
10477600	SF100 SUCFLASK 1L 1/PK	9170
10471700	SV006 Rubber tubing ID8MM 1/PK	4350

Vacuum filtration equipment

MV 050 series

The MV series vacuum filtrationequipment is made of stainless steel, providing broad chemical compatibility and ease of cleaning for years of service.

The durable construction provides flexibility of use up to 200°C and is compatible with a variety of filtration media including glass microfiber, membrane or layered filtration.

Standard clamp closure

Rapid clamp closure

Multiple vacuum filtration apparatus

AS 300 and 600 series

The stainless steel manifold and manifold assemblies for three or six filtration units are fitted with stainless steel units. The apparatus can be autoclaved and sterilized by dry heat at up to 180ºC. It is suitable for vacuum operation, not intended for positive pressure applications.

Applications

- Microbiological quality control
- Residue analyses
- Serial filtration carried out rapidly and easily with a common drainage outlet

Stainless steel 3-place manifold

Stainless steel Filtration Assmebly **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
10440000	MV050/0 SS VAC1 500MLW STND Clamp	121220
10440020	MV050A/0 SS VAC1 500ML W Rapid Clamp	140690
10445850	AS300/5 3-PL SS VAC3 100ML W STD Clamp	402970
10445830	AS300/3 3-PL SS VAC3 500ML W STD Clamp	444110
10445835	AS310/3 3- PL SS VAC3 500ML W Rapid Clamp	441240
10498761	SS Vacuum Manifold 3-Place	117900
10444850	AS600/5 6-PL SS VAC6 100ML W STD Clamp	728610
10444830	AS600/3 6-PL SS VAC6 500ML W STD Clamp	782920
10444835	AS610/3 6-PL SS VAC6 500ML W Rapid Clamp	807900
10498762	SS Vacuum Manifold 6-Place	384760

Accessories **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
10440001	MV050/0/01 SS Upper FUN 500ML 1/PK	44340
10440003	MV050/0/03 Support SCRN 1/PK	16610
10440004	GV/MV050/0/06 Clamp 1/PK	16270
10440006	MV050/0/09 ORING FOR LID 1/PK	1370
10440102	MV050/1/05 PTFE Gasket 1/PK	340
10464103	ML050/0/03 SS FRIT 1/PK	11460

Inline and syringe type filter holders

Stainless steel filter holders

Whatman™ stainless steel filter holders provide broad compatibility in a durable stainless steel housing for repeated cleaning and reuse. The housings accommodate a range of filter media for applications that include particulate removal, venting, HPLC sample prep, clarification or sterilization.* These housings are well suited for applications for which retrieval of the membrane filter and concentrated particulate is essential. Autoclave with membrane in place for applications requiring a sterile device.

Polysulfone filter holders

Durable polysulfone plastic construction provides moderate chemical compatibility with lighter weight than stainless steel filter holders. Polysulfone filter holders are often used for clarification, sterilization*, venting applications and particulate removal or collection from aqueous or air or gas streams.

Pop-Top and Swin-Lok plastic filter holders

Cost effective, reuseable filter holders for general filtration applications, especially when retrieval of the membrane is required. Simple easy filtration using typical syringes.

Stainless Steel Filter Folders **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
1980-001	SS SYRINGE MEM HLDR 13MM 1/PK	15930
1980-002	SS SYRINGE MEM HLDR 25MM 1/PK	23020
10460100	FM025/0 SS FILTHOLD 25MM 1/PK	34770
10464100	ML050/0 SS FILTHOLD 50MM 1/PK	87190

Polysulfone Filter Folders **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
10461000	FP025/1 PSU FILHOLD 25MM 10/PK	16680
10461100	FP050/0 PSU FILTHOLD 50MM 1/PK	10720
10461200	FP050/0 PSU FILTHOLD 50MM 5/PK	34080

Polycarbonate Filter Folders **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
420100	POP TOP HOLDER 13MM 10/PK	17820
420200	SWIN-LOK HOLDER 25MM 10/PK	25600
420400	SWIN-LOK HOLDER 47MM 8/PK	30460

Syringe type holders

Polysulfone filter holders

Pop-Top and Swin-Lok plastic filter holders

Microbiology equipment

MBS I microbiology filtration system (*Flexible, reliable and economical*)

Busy microbiology labs need a reliable system to process samples. The Whatman™ MBS I microbiology filtration system is designed for detection and enumeration of bacteria and fungi using membrane filtration (MF) technique. The modular system provides flexibility to select the hardware and accessories that best suit the unique and varied workflows of your lab.

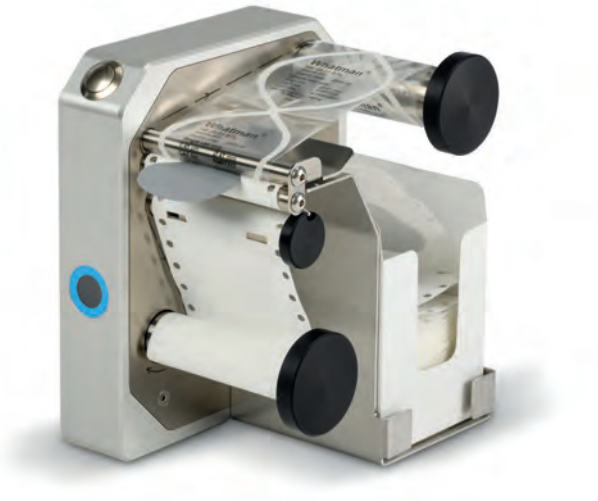
- **Filter funnels: 100 and 350 mL sizes for single use or multiple re-use**
- **Funnel dispenser: accommodates both funnel sizes and maintains an orderly workspace**
- **AS220 MBS I manifold: customize test stand size in 2-place segments**
- **Membrane selection: variety of pore sizes, color and packaging**
- **eButler membrane dispenser: aseptically dispense discs using sensor dispense or press of a button**

Microbiology equipment

eButler membrane dispenser

Aseptic dispense, clean workspace

The eButler membrane dispenser is an aseptic membrane filter dispenser that offers ways to boost lab productivity while minimizing waste and clutter. Designed to accept a continuous web of sterile, individually sealed membrane filters, it offers aseptic dispensing of each disc while containing the waste on spindles for easy clean up.



eButler membrane dispenser

Vacuum Manifold — **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
10445866	MBSI FUNL AUTOCLBL PP ST 350ML 20/PK	17560

Accessories — **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
10445863	MBSI STEEL FRIT FOR AS220 1/PK	14090
10445894	TC-SEAL FOR AS220/AS230 1/PK	11000
10445895	TC-HOSEBARB AS220 1/PK	12940
10445897	TC-CLAMP AS220 1/PK	12800
10445868	MBSI AUTOCLAV BAG 20/PK	13180
10477602	PZ001 SS TWEEZERS 1/PK	4240

e-Butler — **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
10477103	MEMBRANE-BUTLER ELECTRONIC 1/PK	199270

Filtration devices

Whatman™ disposable filtration devices are suitable for many types of samples and applications. They are available in a wide variety of membrane choices with polypropylene or polycarbonate housing, and utilize the most advanced construction methods and design features.

05

Scan the QR code
for product details

Filtration devices for small volume sample preparation

Select the optimal Whatman™ filter for your application

Scan the QR code
for product details

Applications

1. Air venting
2. Automated filtration of samples/ Tablet dissolution testing
3. Biological sample preparation
4. Capillary electrophoresis
5. Difficult to filter samples (high solid content samples)
6. Filtration of colloidal material
7. HPLC/UHPLC sample preparation
8. Ion-chromatography
9. Filtration of protein containing samples
10. COD/TOC/DOC
11. Filtration of nano particles
12. Sterile filtration (use sterile filter and membrane with pore size 0.2 µm)
13. UV/VIS analysis
14. Trace metal analysis (ICP/AAS/ICP-MS)

Chemical compatibility of membranes

Solvent	ANP	CA	CN	PC	PE	GMF	NYL	PP	DpPP	PES	H-PTFE	PTFE	PVDF	RC
Acetic acid, 5%	R	LR	R	R	–	R	R	R	R	R	R	R	R	R
Acetic acid, glacial	R	NR	NR	–	–	R	LR	R	R	R	R	R	R	NR
Acetone	R	NR	NR	NR	R	R	R	R	R	NR	R	R	NR	R
Acetonitrile	R	NR	NR	–	–	R	R	R	R	NR	R	R	R	R
Ammonia, 6	N	NR	NR	NR	LR	LR	R	R	R	R	R	R	LR	LR
Amyl acetate	LR	NR	NR	NR	R	R	R	R	R	LR	R	R	LR	R
Amyl alcohol	R	LR	LR	–	–	R	R	R	R	NR	R	R	R	R
Benzene†	R	R	R	NR	R	R	LR	NR	NR	R	R	R	R	R
Benzyl alcohol†	R	LR	LR	LR	R	R	LR	R	R	NR	R	R	R	R
Boric acid	R	R	R	R	R	R	LR	R	R	–	–	R	R	R
Butyl alcohol	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Butyl chloride†	–	–	–	–	–	R	NR	NR	NR	–	–	R	R	–
Carbon tetrachloride†	R	NR	R	LR	R	R	LR	NR	NR	NR	R	R	R	R
Chloroform†	R	NR	R	NR	R	R	NR	LR	LR	NR	R	R	R	R
Chlorobenzene†	R	–	LR	NR	–	R	NR	LR	–	NR	–	R	R	R
Citricacid	–	–	–	–	–	R	LR	R	–	R	–	R	R	R
Cresol	–	NR	R	–	–	R	NR	NR	NR	NR	–	R	NR	R
Cyclohexane	R	NR	NR	R	R	R	NR	NR	NR	NR	–	R	R	R
Cyclohexanone	R	NR	NR	–	–	R	NR	R	R	NR	R	R	R	R
Diethylacetamide	–	NR	NR	–	–	R	R	R	R	–	–	R	NR	R
Dimethylformamide	LR	NR	NR	–	–	R	R	R	R	NR	R	R	NR	LR
Dioxane	R	NR	NR	NR	R	R	R	R	R	LR	–	R	LR	R
DMSO	LR	NR	NR	NR	R	R	R	R	R	NR	R	R	LR	LR
Ethanol	R	R	NR	R	R	R	R	R	R	R	–	R	R	R
Ethers	R	LR	LR	R	R	R	R	NR	NR	R	R	R	LR	R
Ethylacetate	R	NR	NR	NR	R	R	R	R	R	NR	R	R	NR	R
Ethylene glycol	R	LR	LR	R	R	R	R	R	R	R	R	R	R	R
Formaldehyde‡	LR	LR	R	R	R	R	R	LR	LR	R	R	R	R	LR
Freon TF	R	R	R	R	R	R	NR	NR	NR	R	–	R	R	–
Formic acid	–	LR	LR	–	–	R	NR	R	R	R	–	R	R	LR
Hexane	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Hydrochloric acid, conc.	NR	NR	NR	NR	NR	R	NR	LR	LR	R	R	R	R	NR
Hydrofluoric acid	–	NR	NR	–	–	NR	NR	LR	LR	–	–	R	R	NR
Isobutyl alcohol	R	LR	LR	R	R	R	R	R	R	–	R	R	R	R
Isopropyl alcohol	R	R	LR	–	–	R	R	R	R	–	R	R	R	R
Methanol	R	R	NR	R	R	R	R	R	R	R	R	R	R	R
Methyl ethyl ketone	R	LR	NR	NR	R	R	R	R	R	NR	R	R	NR	R
Methylene chloride†	R	NR	LR	–	–	R	NR	LR	LR	NR	R	R	R	R
Nitric acid, conc.	–	NR	NR	LR	NR	R	NR	NR	NR	NR	R	R	R	NR
Nitric acid, 6N	–	LR	LR	–	–	R	NR	LR	LR	LR	R	R	R	LR
Nitrobenzene†	LR	NR	NR	NR	R	R	LR	R	R	NR	–	R	R	R
Pentane	R	R	R	R	R	R	R	NR	NR	R	–	R	R	R
Perchloroethylene	R	R	R	–	–	R	LR	NR	NR	NR	R	R	R	R
Phenol 0.5%	LR	LR	R	–	–	R	NR	R	R	NR	–	R	R	R
Pyridine	R	NR	NR	NR	R	R	LR	R	R	NR	R	R	NR	R
Sodium hydroxide, 6N	NR	NR	NR	NR	NR	NR	LR	R	R	R	R	R	NR	NR
Sulfuric acid, conc.	NR	NR	NR	NR	NR	R	NR	NR	NR	NR	R	R	NR	NR
Tetrahydrofuran	R	NR	NR	–	–	R	R	LR	LR	NR	R	R	R	R
Toluene†	R	LR	R	NR	R	R	LR	LR	LR	NR	R	R	R	R
Trichloroethane†	R	NR	LR	NR	R	R	LR	LR	LR	NR	R	R	R	R
Trichloroethylene†	R	–	R	–	–	R	NR	LR	LR	NR	R	R	R	R
Water	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Xylene†	R	R	R	–	–	R	LR	LR	LR	LR	R	R	R	R

* ANP = Anopore™; CA = Cellulose acetate; CN = Cellulose nitrate; DpPP = Polypropylene depth filter; GMF = Glass microfiber; NYL = Nylon; PC = Polycarbonate;

PE = Polyester; PES = Polyethersulfone; PP = Polypropylene; PTFE = Polytetrafluoroethylene; PVDF = Polyvinylidene difluoride; RC = Regenerated cellulose R = Resistant;

LR = Limited Resistance; NR = Not Recommended.

† Short Term Resistance of Housing.

‡ Membrane may need pre-wetting with isopropanol/methanol if filtering a polar liquid.

The above data is to be used as a guide only. Testing prior to application is recommended.

Syringe filter selection guide

		Anopore™	Cellulose Acetate	Cellulose Nitrate	Nylon	Polypropylene	Depth Polypropylene	PES	PTFE	Hydrophillic PTFE	PVDF	Regenerated Cellulose	Glass Microfiber
High performance	Puradisc™		●	●	●	●	●	●	●	●	●	●	●
	Anotop™	●											
Difficult filtration	Anotop™ Plus	●											
	GD/X™		●		●	●	●	●	●		●		
	Puradisc Plus		●	●									
	GD/XP				●	●	●	●	●		●		
Automated systems	Roby				●								●
	850-DS				●			●	●		●		●
Application specific	Anotop™ IC	●											
	Anotop™ LC	●											
	Puradisc Aqua		●										
	MashPrep™				●								
	SPARTAN™ Certified											●	
	Protein Prep											●	
All in one	Autovial™		●		●	●		●	●		●	●	●
	UniPrep™™		●		●				●		●		●
	MUP				●	●	●	●	●		●	●	●
	MUP G2				●	●			●		●	●	●
Advantage	Uniflo™				●			●	●	●	●		●

Visit **cytiva.com** for additional selection guidance.

Filter diameter and recommended volume

Syringe filters/ Diameter	Whatman™ Puradisc	Whatman™ Anotop™	Whatman™ GD/X™	Whatman™ GD/XP	Whatman™ Puradisc Plus	Whatman™ Anotop™ Plus	Whatman™ Roby	Whatman™ 850-DS	Whatman™ Puradisc Aqua	Whatman™ Anotop™ IC	Whatman™ Anotop™ LC	Whatman™ Spartan Certified	Whatman™ ProteinPrep	Whatman™ Uniflo™
4 mm for sample volume < 2 mL	●													
10 mm for sample volume 2 to 10 mL		●			●				●					
13 mm for sample volume 2 to 10 mL	●		●	●							●	●	●	
25 mm for sample volume 10 to ~100 mL	●	●	●	●	●	●	●		●	●			●	
30 mm for sample volume 10 to ~100 mL	●				●			●			●	●		

High performance syringe filters

Whatman™ Puradisc™ syringe filters

Whatman™ Puradisc syringe filters combine premium quality with high performance. They are used for the quick, efficient filtration of samples up to 100 mL volume.

Whatman™ Puradisc filters are produced from pigment-free polypropylene or polycarbonate with standard inlet (female Luer lock) and outlet (male Luer) connections (unless otherwise stated). Options include a sterile, medical-grade blister pack for critical applications and a special tube tip outlet that allows the sample to be accurately dispensed into a micro-vial, removing air lock.

Puradisc 13 syringe filters with tube tip

Whatman™ Puradisc 4

- Filtration devices – High per formance s yringe filters
- 4 mm diameter syringe filter
- Sample volume up to 2 mL
- Low hold-up volume < 10 µL ensures maximum sample recovery
- Tube-tip format (optional)

Whatman™ Puradisc 13

- 13 mm diameter syringe filter
- Sample volume up to 10 mL
- Low hold-up volume < 25 µL ensures maximum sample recovery
- Glass microfiber option available
- Tube-tip format (optional)

Whatman™ Puradisc 25 syringe filters

Whatman™ Puradisc 25

- 25 mm diameter syringe filter
- Sample volume up to 100 mL
- Low hold-up volumes for maximum sample recovery
- Glass microfiber option available

Whatman™ Puradisc 30

- 30 mm diameter
- Larger filtration area (44% greater in comparison with 25 mm)
- Designed for aqueous and non-aqueous samples

Whatman™ Puradisc 30 syringe filters

Refers to sterilizationby filtration for small sample use which is an industry term for filters of pore size 0.2 µm or smalleras referenced in guidance such as EPA Guidance for Industry. SterileDrug Products Produced by Aseptic Processing — Current Good Manufacturing Practice Section IX, Part B (September 2004).

Puradisc 4mm - Nylon HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6786-0402	PURADISC 4/0.2 NYL S 50/PK	12780
6789-0402	PURADISC 4/0.2 NYL 100/PK	14170
6790-0402	PURADISC 4/0.2 NYL 500/PK	57430
6789-0404	PURADISC 4/0.45 NYL 100/PK	13960
6790-0404	PURADISC 4/0.45 NYL 500/PK	57430

Puradisc 4mm - PVDF HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6791-0402	PURADISC 4/0.2 PVDF S 50/PK	19940
6777-0402	PURADISC 4/0.2 PVDF TT 50/PK	16570
6779-0402	PURADISC 4/0.2 PVDF 100/PK	26220
6792-0402	PURADISC 4/0.2 PVDF 500/PK	133250
6777-0404	PURADISC 4/0.45 PVDF TT 50PK	23550
6779-0404	PURADISC 4/0.45 PVDF 100/PK	32600
6792-0404	PURADISC 4/0.45 PVDF 500/PK	133250

Puradisc 4mm - PTFE HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6784-0402	PURADISC 4/0.2 PTFE 100/PK	14510
6783-0402	PURADISC 4/0.2 PTFE 500/PK	58450
6784-0404	PURADISC 4/0.45 PTFE 100/PK	14300
6783-0404	PURADISC 4/0.45 PTFE 500/PK	58450

Puradisc 13mm - Nylon HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6789-1301	PURADISC 13/0.1 NYL 100/PK	18050
6789-1302	PURADISC 13/0.2 NYL 100/PK	18050
6790-1302	PURADISC 13/0.2 NYL 500/PK	68890

Puradisc 13mm - Nylon HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6768-1302	PURADISC 13/0.2 NYL 2000/PK	217690
6789-1304	PURADISC 13/0.45 NYL 100/PK	18310
6790-1304	PURADISC 13/0.45 NYL 500/PK	68890
6768-1304	PURADISC 13/0.45 NYL 2000/PK	217690

Puradisc 13mm - PVDF HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6791-1302	PURADISC 13/0.2 PVDF S 50/PK	27350
6778-1302	PURADISC 13/0.2PVDF S TT 50/PK	40130
6777-1302	PURADISC 13/0.2 PVDF TT 50/PK	23950
6779-1302	PURADISC 13/0.2 PVDF 100/PK	19000
6792-1302	PURADISC 13/0.2 PVDF 500/PK	67530
6765-1302	PURADISC 13/0.2 PVDF 2000/PK	217690
6791-1304	PURADISC 13/0.45 PVDF S 50/PK	22470
6777-1304	PURADISC 13/0.45 PVDF TT 50/PK	19630
6779-1304	PURADISC 13/0.45 PVDF 100/PK	18730
6792-1304	PURADISC 13/0.45 PVDF 500/PK	67530
6765-1304	PURADISC 13/0.45 PVDF 2000/PK	217690

Puradisc 13mm - PES HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6780-1302	PURADISC 13/0.2 PES S 50/PK	11290
6782-1302	PURADISC 13/0.2 PES 100/PK	18500
6780-1304	PURADISC 13/0.45 PES S 50/PK	13660
6782-1304	PURADISC 13/0.45 PES 100/PK	18500
6781-1304	PURADISC 13/0.45 PES 500/PK	77970

Puradisc 13mm - PTFE HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6784-1301	PURADISC 13/0.1 PTFE 100/PK	18270
6775-1302	PURADISC 13/0.2 PTFE TT 50/PK	19970
10463703	PURADISC 13/0.2 PTFE MT 100/PK	27810
6784-1302	PURADISC 13/0.2 PTFE 100/PK	18540
6783-1302	PURADISC 13/0.2 PTFE 500/PK	70250
6766-1302	PURADISC 13/0.2 PTFE 2000/PK	217690
6775-1304	PURADISC 13/0.45 PTFE 50/PK	22470
6784-1304	PURADISC 13/0.45 PTFE 100/PK	18270
10463713	PURADISC 13/0.45 PTFE MT 100/PK	27810
6783-1304	PURADISC 13/0.45 PTFE 500/PK	71300
6766-1304	PURADISC 13/0.45 PTFE 2000/PK	217690
6784-1310	PURADISC 13/1.0 PTFE 100/PK	18270
6784-1350	PURADISC 13/5.0 PTFE 100/PK	18540

Puradisc 13mm - H-PTFE HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6772-1302	PURADISC 13/0.2 H-PTFE 100/PK	25830
6773-1302	PURADISC 13/0.2 H-PTFE 500/PK	97220
6774-1302	PURADISC 13/0.2 H-PTFE 2000/PK	317680
6772-1304	PURADISC 13/0.45 H-PTFE 100/PK	25830
6773-1304	PURADISC 13/0.45 H-PTFE 500/PK	97220
6774-1304	PURADISC 13/0.45 H-PTFE 2000/PK	317680

Puradisc 13mm - PP HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6788-1302	PURADISC 13/0.2 PP 100/PK	23380
6785-1302	PURADISC 13/0.2 PP 500/PK	71300
6788-1304	PURADISC 13/0.45 PP 100/PK	18050
6785-1304	PURADISC 13/0.45 PP 500/PK	70250

Puradisc 13mm - RC HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
10462940	PURADISC 13/0.2 RC S 50/PK	18160
10462945	PURADISC 13/0.2 RC S TT 50/PK	18160

Puradisc 13mm - CA HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6771-1304	PURADISC 13/0.45 CA 100/PK	18660

Puradisc 13mm - GMF HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
6818-1304	PURADISC 13/0.45 GMF 500/PK	86750
6820-1316	PURADISC 13/1.6 GF/A 100/PK	19540
6806-1316	PURADISC 13/1.6 GF/A 500/PK	98540
6821-1310	PURADISC 13/1.0 GF/B 100/PK	18810
6822-1312	PURADISC 13/1.2 GF/C 100/PK	19540
6823-1327	PURADISC 13/2.7 GF/D 100/PK	19540
6825-1307	PURADISC 13/0.7 GF/F 100/PK	18810
6827-1315	PURADISC 13/1.5 934AH 100/PK	19880

Puradisc 25mm - Nylon HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6750-2502	PURADISC 25/0.2 NYL 50/PK	15210
6751-2502	PURADISC 25/0.2 NYL 200/PK	49710
6753-2502	PURADISC 25/0.2 NYL 1000/PK	136990

Puradisc 25mm - Nylon

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6750-2504	PURADISC 25/0.45 NYL 50/PK	15210
6799-2504	PURADISC 25/0.45 NYL 500/PK	73550
6751-2504	PURADISC 25/0.45 NYL 200/PK	49340
6752-2504	PURADISC 25/0.45 NYL 500/PK	107710
6753-2504	PURADISC 25/0.45 NYL 1000/PK	96020
6750-2510	PURADISC 25/1.0 NYL 50/PK	15210
6751-2510	PURADISC 25/1.0 NYL 200/PK	49340
6753-2510	PURADISC 25/1.0 NYL 1000/PK	138010

Puradisc 25mm - PVDF

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6746-2502	PURADISC 25/0.2 PVDF 50/PK	28420
6747-2502	PURADISC 25/0.2 PVDF 200/PK	51700
6746-2504	PURADISC 25/0.45 PVDF 50/PK	28200
6747-2504	PURADISC 25/0.45 PVDF 200/PK	61740
6749-2504	PURADISC 25/0.45 PVDF 1000/PK	345830

Puradisc 25mm - PTFE

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6784-2501	PURADISC 25/0.1 PTFE 50/PK	16460
6798-2501	PURADISC 25/0.1 PTFE 1000/PK	137220
6784-2502	PURADISC 25/0.2 PTFE 50/PK	16700
6785-2502	PURADISC 25/0.2 PTFE 200/PK	48690
6798-2502	PURADISC 25/0.2 PTFE 1000/PK	137220
6784-2504	PURADISC 25/0.45 PTFE 50/PK	16700

Puradisc 25mm - H-PTFE

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6785-2504	PURADISC 25/0.45 PTFE 200/PK	49410
6798-2504	PURADISC 25/0.45 PTFE 1000/PK	97440
6784-2510	PURADISC 25/1.0 PTFE 50/PK	16460

Puradisc 25mm - H-PTFE

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6798-2510	PURADISC 25/1.0 PTFE 1000/PK	139250
6772-2502	PURADISC 25/0.2 H-PTFE 50/PK	12370
6773-2502	PURADISC 25/0.2 H-PTFE 200/PK	36580
6774-2502	PURADISC 25/0.2 H-PTFE 1000/PK	151820
6772-2504	PURADISC 25/0.45 H-PTFE 50/PK	12370
6773-2504	PURADISC 25/0.45 H-PTFE 200/PK	36580
6774-2504	PURADISC 25/0.45 H-PTFE 1000/PK	151820

Puradisc 25mm - PES

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6780-2502	PURADISC 25/0.2 PES S 50/PK	9980
6794-2512	PURADISC 25/0.2 PES S 1000/PK	133810
6781-2502	PURADISC 25/0.2 PES 200/PK	48690
6794-2502	PURADISC 25/0.2 PES 1000/PK	137220
6780-2504	PURADISC 25/0.45 PES S 50/PK	10440
6794-2514	PURADISC 25/0.45 PES S 1000/PK	135800
6781-2504	PURADISC 25/0.45 PES 200/PK	48690
6794-2504	PURADISC 25/0.45 PES 1000/PK	137220
6780-2510	PURADISC 25/1.0 PES S 50/PK	11800
6781-2510	PURADISC 25/1.0 PES 200/PK	48690
6794-2510	PURADISC 25/1.0 PES 1000/PK	137220

Puradisc 25mm - PP

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6786-2502	PURADISC 25/0.2 PP 50/PK	15780
6788-2502	PURADISC 25/0.2 PP 200/PK	47780
6790-2502	PURADISC 25/0.2 PP 1000/PK	137220
6786-2504	PURADISC 25/0.45 PP 50/PK	15780

Puradisc 25mm - PP HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6788-2504	PURADISC 25/0.45 PP(DP) 200/PK	48490
6790-2504	PURADISC 25/0.45 PP(DP) 1000/PK	139250

Puradisc 25mm - RC HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6756-2504	PURADISC 25/0.45 RC 50/pk	14450
6757-2504	PURADISC 25/0.45 RC 200/pk	42960
6758-2504	PURADISC 25/0.45 RC 1000/pk	175650

Puradisc 25mm - GMF HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
6825-2517	PURADISC 25/0.7 GF/F 50/PK	14630
6825-2527	PURADISC 25/0.7 GF/F 200/PK	47910
6787-2520	PURADISC 25/0.7 GF/F 1000/PK	139780
6783-2510	PURADISC 25/1.0 GD1 100/PK	25760
6792-2510	PURADISC 25/1.0 GD1 1000/PK	135390
6783-2520	PURADISC 25/2.0 GD2 100/PK	26140

Puradisc 30mm - CA HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
10462205	PURADISC 30/0.2 CA S MLL 50/PK	16290
10462200	PURADISC 30/0.2 CA S 50/PK	17280
10462701	PURADISC 30/0.2 CA 50/PK	11580
10462710	PURADISC 30/0.2 CA 100/PK	26380
10462206	PURADISC 30/0.2 CA MLL 500/PK	92350
10462700	PURADISC 30/0.2 CA 500/PK	87000
10462100	PURADISC 30/0.45 CA S 50/PK	17280
10462610	PURADISC 30/0.45 CA 100/PK	21790

Puradisc 30mm - CA HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
10462600	PURADISC 30/0.45 CA 500/PK	91590
10462240	PURADISC 30/0.8 CA S 50/PK	16800
10462241	PURADISC 30/0.8 CA 50/PK	11400
10462243	PURADISC 30/0.8 CA 500/PK	85470
10462260	PURADISC 30/1.2 CA S 50/PK	17020
10462261	PURADISC 30/1.2 CA 50/PK	10820
10462263	PURADISC 30/1.2 CA 500/PK	90390

Puradisc 30mm - CN HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
10462000	PURADISC 30/5.0 CN S 50/PK	17020
10462520	PURADISC 30/5.0 CN 50/PK	10820
10462510	PURADISC30/5.0 CN 100/PK	20770
10462500	PURADISC30/5.0 CN 500/PK	87000

Puradisc 30mm - PTFE HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
10463500	PURADISC 30/0.2 PTFE S 50/PK	21340
10463503	PURADISC 30/0.2 PTFE 100/PK	35940
10463505	PURADISC 30/0.2 PTFE 500/PK	139350
10463513	PURADISC 30/0.45 PTFE 100/PK	32140
10463515	PURADISC 30/0.45 PTFE 500/PK	146970
10463523	PURADISC30/1.0 PTFE 100/PK	31670
10463525	PURADISC 30/1.0 PTFE 500/PK	139350
10463533	PURADISC 30/5.0 PTFE 100/PK	32140
10463535	PURADISC 30/5.0 PTFE 500/PK	139350

Puradisc Plus 30mm - GF HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
10463543	PURADISC PLUS 30/>1.0 GF92 100/PK	21390
10463545	PURADISC PLUS 30/>1.0 GF92 500/PK	74920

Puradisc™ H-PTFE

Puradisc H-PTFE Syringe Filters have been designed to provide pure filtration of solvents, chemicals, aqueous, and nonaqueous solutions and samples. They consist of a hydrophilic polytetra-fluoroethylene (H-PTFE) membrane with a polypropylene (PP) housing.

A hydrophilic PTFE membrane that offers broad chemical resistance, low protein binding and low extractables and can be used for both aqueous and aggressive organic solvents. The inert nature and low extractables of hydrophilic PTFE makes it particularly suitable for uHPLC/HPLC sample preparation where a variety of different sample types may need to be prepared, as well as for many other applications requiring broad chemical resistance.

- Can be used with both aqueous solvents and aggressive organic solvents.
- Suitable for sample preparation for high performance and ultra-high performance liquid chromatography (HPLC and uHPLC).
- Choice of 13 mm or 25 mm syringe filter diameter to suit sample volume.
- Choice of 0.2 µm or 0.45 µm pore sizes for retaining a variety of particles.
- Suitable for rapid syringe filtration of samples up to 100 mL.

Puradisc H-PTFE

Puradisc 13mm - H-PTFE HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6772-1302	PURADISC 13/0.2 H-PTFE 100/PK	25830
6773-1302	PURADISC 13/0.2 H-PTFE 500/PK	97220
6774-1302	PURADISC 13/0.2 H-PTFE 2000/PK	317680
6772-1304	PURADISC 13/0.45 H-PTFE 100/PK	25830
6773-1304	PURADISC 13/0.45 H-PTFE 500/PK	97220
6774-1304	PURADISC 13/0.45 H-PTFE 2000/PK	317680

Puradisc 25mm - H-PTFE HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6785-2504	PURADISC 25/0.45 PTFE 200/PK	49410
6798-2504	PURADISC 25/0.45 PTFE 1000/PK	97440
6784-2510	PURADISC 25/1.0 PTFE 50/PK	16460
6798-2510	PURADISC 25/1.0 PTFE 1000/PK	139250
6772-2502	PURADISC 25/0.2 H-PTFE 50/PK	12370
6773-2502	PURADISC 25/0.2 H-PTFE 200/PK	36580
6774-2502	PURADISC 25/0.2 H-PTFE 1000/PK	151820
6772-2504	PURADISC 25/0.45 H-PTFE 50/PK	12370
6773-2504	PURADISC 25/0.45 H-PTFE 200/PK	36580
6774-2504	PURADISC 25/0.45 H-PTFE 1000/PK	151820

Difficult to filter

Whatman™ GD/X™ syringe filters

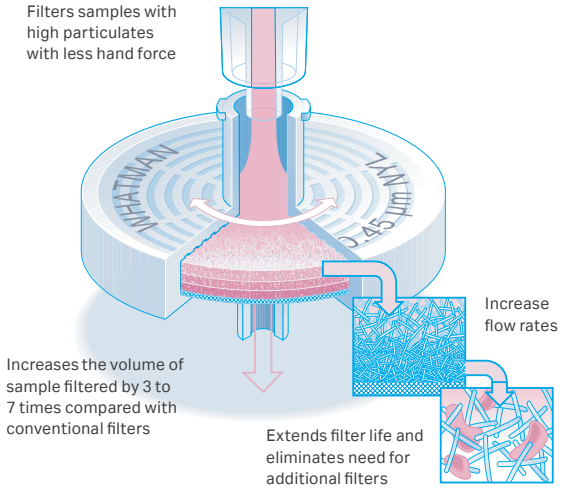
The Whatman™ GD/X™ range is specifically designed for difficult to filter, high particulate loaded samples. Constructed of a pigment-free polypropylene housing with a prefiltration stack of Whatman™ GMF 150 (graded density) and GF/F glass microfiber media, these filters remove sample contamination and allow you to filter even the most difficult samples with less hand pressure. GD/X™ syringe filters can process three to seven times more sample volume than standard syringe filters.

GMF 150 and GF/F are produced from 100% borosilicate glass microfiber. Graded density GMF 150 medium has a coarse top layer meshed with a fine bottom layer that retains particles to 1.0 µm. A GF/F filter then retains particles down to 0.7 µm. The prefilter stack ends with a final membrane.

Whatman™ GD/XP syringe filters

Whatman™ GD/XP disposable syringe filters are suitable for use with samples that require inorganic ion analysis, as levels of ion extractables are minimized. They are also an alternative choice for users requiring a filter that exhibits extremely low protein binding characteristics.

GD/XP syringe filters contain a two-layer prefilter stack comprised of 20 µm and 5 µm polypropylene filters. The last stage of filtration is by membrane, which is positioned below the prefilter stack.



Scan the QR code
for demo video

GD/X 13mm - Nylon

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6870-1302	GD/X 13/0.2 NYL 150/PK	23840
6871-1302	GD/X 13/0.2 NYL 1500/PK	221320
6870-1304	GD/X 13/0.45 NYL 150/PK	23840
6871-1304	GD/X 13/0.45 NYL 1500/PK	221320

GD/X 13mm - PVDF

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6872-1302	GD/X 13/0.2 PVDF 150/PK	24530
6872-1304	GD/X 13/0.45 PVDF 150/PK	23630
6873-1304	GD/X 13/0.45 PVDF 1500/PK	221320

GD/X 13mm - PTFE

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6874-1302	GD/X 13/0.2 PTFE 150/PK	22920
6875-1302	GD/X 13/0.2 PTFE 1500/PK	221320
6874-1304	GD/X 13/0.45 PTFE 150/PK	23200
6875-1304	GD/X 13/0.45 PTFE 1500/PK	238910

GD/X 13mm - PES

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6876-1302	GD/X 13/0.2 PES 150/PK	30760
6876-1304	GD/X 13/0.45 PES 150/PK	31550

GD/X 13mm - PP

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6878-1302	GD/X 13/0.2 PP 150/PK	30760
6878-1304	GD/X 13/0.45 PP 150/PK	30760

GD/X 13mm - CA

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6880-1302	GD/X 13/0.2 CA 150/PK	30760
6880-1304	GD/X 13/0.45 CA 150/PK	30760

GD/X 13mm - GMF

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
6882-1316	GD/X 13/1.6 GF/A 150/PK	30580
6884-1310	GD/X 13/1.0 GF/B 150/PK	35950
6886-1312	GD/X 13/1.2 GF/C 150/PK	37330
6888-1327	GD/X 13/2.7 GF/D 150/PK	34940
6890-1307	GD/X 13/0.7 GF/F 150/PK	30580
6894-1304	GD/X 13/0.45 GMF 150/PK	30350

GD/X 25mm - Nylon

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6869-2502	GD/X 25/0.2 NYL P 150/PK	48800
6870-2502	GD/X 25/0.2 NYL 150/PK	30060
6871-2502	GD/X 25/0.2 NYL 1500/PK	221770
6869-2504	GD/X 25/0.45 NYL P 150/PK	48800
6870-2504	GD/X 25/0.45 NYL 150/PK	29840
6871-2504	GD/X 25/0.45 NYL 1500/PK	218610
6870-2550	GD/X 25/5.0 NYL 150/PK	40540
6871-2550	GD/X 25/5.0 NYL 1500/PK	261050

GD/X 25mm - PVDF

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6900-2502	GD/X 25/0.2 PVDF S 50/PK	19460
6872-2502	GD/X 25/0.2 PVDF 150/PK	31100

GD/X 25mm - PVDF

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6873-2502	GD/X 25/0.2 PVDF 1500/PK	249920
6900-2504	GD/X 25/0.45 PVDF **S** 50/PK	16010
6872-2504	GD/X 25/0.45 PVDF 150/PK	31120
6873-2504	GD/X 25/0.45 PVDF 1500/PK	249920

GD/X 25mm - PTFE

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6874-2502	GD/X 25/0.2 PTFE 150/PK	28940
6875-2502	GD/X 25/0.2 PTFE 1500/PK	258780
6874-2504	GD/X 25/0.45 PTFE 150/PK	29720
6875-2504	GD/X 25/0.45 PTFE 1500/PK	253670

GD/X 25mm - RC

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6887-2502	GD/X 25 RC 0.2UM 150/PK	72180
6888-2502	GD/X 25RC 0.2UM 1500/PK	323810
6882-2504	GD/X 25 RC 0.45UM 150/PK	58510
6883-2504	GD/X 25 RC 0.45UM 1500/PK	330170

GD/X 25mm - CA

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6901-2502	GD/X 25/0.2 CA **S** 50/PK	20660
6880-2502	GD/X 25/0.2 CA 150/PK	39380
6901-2504	GD/X 25/0.45 CA **S** 50/PK	24970
6880-2504	GD/X 25/0.45 CA 150/PK	39970
6881-2504	GD/X 25/0.45 CA 1500/PK	299750

GD/X 25mm - PES

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6896-2502	GD/X 25/0.2 PES **S** 50/PK	19000
6876-2502	GD/X 25/0.2 PES 150/PK	40540

GD/X 25mm - PES

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6905-2502	GD/X 25/0.2 PES 1500/PK	294070
6896-2504	GD/X 25/0.45 PES **S** 50/PK	18430
6876-2504	GD/X 25/0.45 PES 150/PK	39380
6905-2504	GD/X 25/0.45 PES 1500/PK	294070

GD/X 25mm - PP

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6878-2502	GD/X 25/0.2 PP 150/PK	39950
6878-2504	GD/X 25/0.45 PP 150/PK	40540
6879-2504	GD/X 25/0.45 PP 1500/PK	313480

GD/X 25mm - GMF

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
6882-2516	GD/X 25/1.6 GMF 150/PK	40600
6883-2516	GD/X 25/1.6 GMF 1500/PK	319560
6884-2510	GD/X 25/1.0 GF/B 150/PK	39770
6886-2512	GD/X 25/1.2 GF/C 150/PK	38590
6888-2527	GD/X 25/2.7 GF/D 150/PK	38030
6890-2507	GD/X 25/0.7 GF/F 150/PK	39300
6891-2507	GD/X 25/0.7 GF/F 1500/PK	304330
6902-2504	GD/X 25/0.45 GMF **S** 50/PK	21630
6894-2504	GD/X 25/0.45 GMF 150/PK	39330
6895-2504	GD/X 25/0.45 GMF 1500/PK	295500
6892-2515	GD/X 25/1.5 934-AH 150/PK	40120

GD/XP 25mm - Nylon

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6970-2504	GD/XP 25/0.45 NYL 150/PK	50050
6971-2504	GD/XP 25/0.45 NYL 1500/PK	301450

GD/XP 25mm - PVDF HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6972-2504	GD/XP 25/0.45 PVDF 150/PK	50050
6973-2504	GD/XP 25/0.45 PVDF 1500/PK	313480

GD/XP 25mm - PTFE HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6974-2504	GD/XP 25/0.45 PTFE 150/PK	49990

GD/XP 25mm - PES HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6994-2504	GD/XP 25/0.45 PES 150/PK	52290
6995-2504	GD/XP 25/0.45 PES 1500/PK	310300

GD/XP 25mm - PP HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6978-2504	GD/XP 25/0.45 PP 150/PK	49990
6992-2504	GDXP 25/0.45 DPPP 150/PK	58000
6993-2504	GD/XP 25/0.45 DPPP 1500/PK	310300

Whatman™ Uniflo™ syringe filters

Whatman™ Uniflo™ Syringe Filters are disposable filters designed to provide clean filtrate from small volumes up to 100 mL. They are available in a variety of membrane choices with a polypropylene overmold housing. Whatman™ Uniflo syringe filters are available with:

- 13 mm, 25 mm or 30 mm diameters
- 0.2 µm or 0.45 µm pore sizes
- Sterile or non-sterile options
- Laser etched printing on the filter for easy identification

Filter media	Typical application
Nylon	Aqueous and/or organic samples; hydrophilic
PES	Aqueous samples
PTFE	Organic based samples Hydrophobic membrane
PVDF	Aqueous and/or organic based samples; low protein binding membrane
H-PTFE	Aqueous and/or aggressive organic solvents; hydrophilic

Whatman™ Uniflo™ syringe filters

Whatman™ Uniflo™ syringe filters

Uniflo Syringe filters

Uniflo NYL — HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
9910-1302	UNIFLO 13mm 0.22 NYL 500/PK	13230
9910-1304	UNIFLO 13mm 0.45 NYL 500/PK	13580
9910-2502	UNIFLO 25mm 0.22 NYL 500/PK	15700
9918-2504	UNIFLO 25mm 0.45 NYL 100/PK	3370
9910-2504	UNIFLO 25mm 0.45 NYL 500/PK	15700

Uniflo PVDF — HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
9909-1302	UNIFLO 13mm 0.22 PVDF 500/PK	13370
9909-1304	UNIFLO 13mm 0.45 PVDF 500/PK	13370
9909-2502	UNIFLO 25mm 0.22 PVDF 500/PK	21980
9917-2504	UNIFLO 25mm 0.45 PVDF 100/PK	4080
9909-2504	UNIFLO 25mm 0.45 PVDF 500/PK	20410

Uniflo PTFE — HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
9911-1302	UNIFLO 13mm 0.22 PTFE 500/PK	15690
9911-1304	UNIFLO 13mm 0.45 PTFE 500/PK	15690
9911-2502	UNIFLO 25mm 0.22 PTFE 500/PK	21330
9911-2504	UNIFLO 25mm 0.45 PTFE 500/PK	22400

Uniflo PES — HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
9912-1302	UNIFLO 13mm 0.22 PES 500/PK	19370
9912-1304	UNIFLO 13mm 0.45 PES 500/PK	19370
9912-2502	UNIFLO 25mm 0.22 PES 500/PK	19370
9912-2504	UNIFLO 25mm 0.45 PES 500/PK	19370

Uniflo H-PTFE — HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
9920-1302	UNIFLO 13/0.2 H-PTFE 100PK	15320
9921-1302	UNIFLO 13/0.2 H-PTFE 500PK	58380
9920-1304	UNIFLO 13/0.45 H-PTFE 100PK	15320
9921-1304	UNIFLO 13/0.45 H-PTFE 500PK	58380
9920-2502	UNIFLO 25/0.2 H-PTFE 100PK	16450
9921-2502	UNIFLO 25/0.2 H-PTFE 500PK	67560
9920-2504	UNIFLO 25/0.45 H-PTFE 100PK	16450
9921-2504	UNIFLO 25/0.45 H-PTFE 500PK	67560

Uniflo PES STERILE — HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
9916-1302	UNIFLO 13mm 0.2 PES S 100/PK	7000
9914-2502	UNIFLO 25mm 0.2 PES S 45/PK	3160
9916-1304	UNIFLO 13mm 0.45 PES S 100/PK	7000
9915-2502	UNIFLO 25MM 0.2 PES S 200/PK	14120
9914-2504	UNIFLO 25mm 0.45 PES S 45/PK	3160
9915-2504	UNIFLO 25MM 0.45 PES S 200/PK	14120

Uniflo PVDF STERILE — HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
9913-2502	UNIFLO 25mm 0.22 PVDF S 45/PK	3160
9913-2504	UNIFLO 25mm 0.45 PVDF S 45/PK	3160

Uniflo double layer syringe filters

Uniflo NYL

HSN Code: 70193900 | GST: 18%

Cat. Nos	Description	INR Price
9929-3002	UNIFLO 30mm 0.2um NYL w/GF 100/PK	10460
9930-3002	UNIFLO 30mm 0.2um NYL w/GF 500/PK	51160
9929-3004	UNIFLO 30mm 0.45um NYL w/GF 100/PK	10460
9930-3004	UNIFLO 30mm 0.45um NYL w/GF 500/PK	51160

Uniflo PVDF

HSN Code: 70193900 | GST: 18%

Cat. Nos	Description	INR Price
9925-3002	UNIFLO 30mm 0.2um PVDF w/GF 100/PK	10460
9926-3002	UNIFLO 30mm 0.2um PVDF w/GF 500/PK	51160
9925-3004	UNIFLO 30mm 0.45um PVDF w/GF 100/PK	10460
9926-3004	UNIFLO 30mm 0.45um PVDF w/GF 500/PK	51160

Uniflo PTFE

HSN Code: 70193900 | GST: 18%

Cat. Nos	Description	INR Price
9927-3002	UNIFLO 30mm 0.2um PTFE w/GF 100pk	10460
9928-3002	UNIFLO 30mm 0.2um PTFE w/GF 500pk	51160
9927-3004	UNIFLO 30mm 0.45um PTFE w/GF 100pk	10460
9928-3004	UNIFLO 30mm 0.45um PTFE w/GF 500pk	51160

Uniflo PES

HSN Code: 70193900 | GST: 18%

Cat. Nos	Description	INR Price
9923-3002	UNIFLO 30mm 0.2um PES w/GF 100pk	10460
9924-3002	UNIFLO 30mm 0.2um PES w/GF 500pk	51160
9923-3004	UNIFLO 30mm 0.45um PES w/GF 100pk	10460
9924-3004	UNIFLO 30mm 0.45um PES w/GF 500pk	49940

Anotop™ Syringe Filters

Anotop™ filters contain the proprietary alumina based Anopore™ membrane, is a hydrophilic membrane with excellent organic solvent compatibility, an inert nature and low extractables, making it very suitable for use with both aqueous and organic samples. The membrane has a well-defined pore structure and very narrow pore-size distribution making it especially suitable for critical applications and sample preparation. Not suitable for use with very acidic or very basic samples.

Whatman™ Anotop™ Plus syringe filter offers the added benefit of an integral glass microfiber prefilter. This unit enables difficult and hard-to-filter solutions to be filtered without adversely affecting the filtration efficiency of the final membrane. This can remove the need for sample clean-up or expensive and time-consuming sequential filtration.

Whatman™ Anotop™ LC syringe filter is made from pigment-free polypropylene and the Anopore™ inorganic membrane, you can be sure that after filtration the level of extractable UV absorbing compounds is minimal. These syringe filters preserve the life of your column by efficiently removing particulates from your analytical samples.

Whatman™ Anotop™ IC syringe filters for the preparation of samples for subsequent ion chromatography (IC) and HPLC analysis ensure very low levels of anion leaching.

- 10 mm, 25 mm diameters
- 0.02µm, 0.1µm & 0.2µm pore sizes
- Sterile or non-sterile options
- Prefiltration stack of glass fiber
- Extremely low levels of UV absorbing compounds for better HPLC results

Anotop™ syringe filters

Anotop™ IC syringe filter

Whatman™ Anotop™ Plus syringe filters

Anotop 10

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6809-1102	Whatman ANOTOP 10/0.02 **S** 50/PK	34780
6809-1002	Whatman ANOTOP 10/0.02 50/PK	27530
6809-1112	Whatman ANOTOP 10/0.1 **S** 50/PK	33820
6809-1012	Whatman ANOTOP 10/0.1 50/PK	33290
6809-1122	Whatman ANOTOP 10/0.2 **S** 50/PK	39610
6809-1022	Whatman ANOTOP 10/0.2 50/PK	46880

Anotop 25

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6809-2102	Whatman ANOTOP 25/0.02 **S** 50/PK	47110
6809-2002	Whatman ANOTOP 25/0.02 50/PK	30300
6809-2112	Whatman ANOTOP 25/0.1 **S** 50/PK	63670
6809-2012	Whatman ANOTOP 25/0.1 50/PK	37430
6809-2122	Whatman ANOTOP 25/0.2 **S** 50/PK	46530
6809-2022	Whatman ANOTOP 25/0.2 50/PK	30750
6809-2024	Whatman ANOTOP 25/0.2 200/PK	126660

Anotop 10 Plus

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
6809-3102	Whatman ANOTOP Plus 10/0.02 **S** 50/PK	36110
6809-3002	Whatman ANOTOP Plus 10/0.02 50/PK	22910
6809-3112	Whatman ANOTOP Plus 10/0.1 **S** 50/PK	35580
6809-3012	Whatman ANOTOP Plus 10/0.1 50/PK	22560
6809-3122	Whatman ANOTOP Plus 10/0.2 **S** 50/PK	58030
6809-3022	Whatman ANOTOP Plus 10/0.2 50/PK	25200

Anotop 25 Plus

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
6809-4102	Whatman ANOTOP Plus 25/0.02 **S** 50/PK	52210
6809-4002	Whatman ANOTOP Plus 25/0.02 50/PK	42440
6809-4112	Whatman ANOTOP Plus25/0.1 **S** 50/PK	66180
6809-4012	Whatman ANOTOP Plus 25/0.1 50/PK	53330
6809-4122	Whatman ANOTOP Plus 25/0.2 **S** 50/PK	50390
6809-4022	Whatman ANOTOP Plus 25/0.2 50/PK	36050
6809-4024	Whatman ANOTOP Plus 25/0.2 200/PK	164780

Anotop 10 LC

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
2001-0100	Whatman Anotop LC 10/0.2 LC 100/PK	59930
2001-0200	Whatman Anotop LC 10/0.2 LC 200/PK	118040

Anotop 25 LC

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
2002-5100	Whatman Anotop LC 25/0.2 LC 100/PK	66740
2002-5200	Whatman Anotop LC 25/0.2 LC 200/PK	132220

Anotop 10 IC

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6809-9232	Whatman IC 10/0.2 **S** 50/PK	39840
6809-9233	Whatman IC 10/0.2 100/PK	62420
6809-9234	Whatman IC 10/0.2 200/PK	112820
6809-9235	Whatman IC 10/0.2 **S** 250/PK	160260

Anotop 25 IC

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6809-9244	Whatman IC 25/0.2 200/PK	140740

Whatman™ SPARTAN™ HPLC certified syringe filters

Whatman™ SPARTAN™ syringe filters ensure reproducible results from the filtration of organic or aqueous solutions forHPLC. For batch-to-batch consistency, the Whatman™ SPARTAN™ range of filters is tested and certified for the absence of UV-absorbing substances at wavelengths of 210 and 254 nm with water, methanol, and acetonitrile.

Whatman™ SPARTAN™ 30 mm syringe filter

Features and benefits

- Ready-to-use filter unit with a hydrophilic, low protein-binding membrane made of regenerated cellulose.
- Excellent chemical resistance against the standard aqueous and organic HPLC solvents.
- 13 mm diameter with extremely low dead volume < 10 µL .
- Use for any application requiring a chemically resistant, hydrophilic, low protein- binding membrane.
- Documented batch-to-batch quality and consistency ensure reproducible results.
- 13 mm diameter with Mini-Tip outlet is excellent for filtration into very small sample bottles.

SPARTAN 13mm **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
10463040	Whatman SPARTAN 13/0.2 RC MT 100/PK	23040
10463100	Whatman SPARTAN 13/0.2 RC 100/PK	22700
10463042	Whatman SPARTAN 13/0.2 RC MT 500/PK	88640
10463102	Whatman SPARTAN 13/0.2 RC 500/PK	84270
10463030	Whatman SPARTAN 13/0.45 RC MT 100/PK	21200
10463110	Whatman SPARTAN 13/0.45 RC 100/PK	23040
10463032	Whatman SPARTAN 13/0.45 RC MT 500/PK	84270
10463112	Whatman SPARTAN 13/0.45 RC 500/PK	87110

SPARTAN 30mm **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
10462960	Whatman SPARTAN 30/0.2 RC **S** 50/PK	16240
10463060	Whatman SPARTAN 30/0.2 RC 100/PK	25800
10463062	Whatman SPARTAN 30/0.2 RC 500/PK	70150
10462950	Whatman SPARTAN 30/ 0.45 RC **S** 50/PK	16000
10463053	Whatman SPARTAN 30/0.45 RC 50/PK	14400
10463050	Whatman SPARTAN 30/0.45 RC 100/PK	25800
10463052	Whatman SPARTAN 30/0.45 RC 500/PK	70150

Scan the QR code
for demo video

Whatman™ Protein Prep syringe filter for ÄKTA™ systems

Sample preparation with the Whatman™ Protein Prep syringe filter for ÄKTA™ systems

Sample
(from cell lysis and centrifugation)

Filtration with syringe filter
To remove particles and microorganisms

The sample can be injected into the system

ÄKTA™ start system

Whatman™ Protein Prep syringe filter for ÄKTA™ systems

- 13 mm or 30 mm diameter
- 0.2 µm or 0.45 µm pore size

Tips for choosing the right filter

- Use 13 mm diameter filter for sample volumes < 10 mL
- Use 0. 2 µm pore size filter if the particle size of the chromatography resin is < 30 µm

Protein prep filters 13mm — **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
10463103	Whatman PROTEIN PREP 13/0.2RC 150/PK	51570
10463113	Whatman PROTEIN PREP 13/0.45C 150/PK	51570

Protein prep filters 30mm — **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
10463033	Whatman PROTEIN PREP 30/0.45RC 150/PK	56730
10463043	Whatman PROTEIN PREP 30/0.2 RC 150/PK	56730

Filters for automated systems

Whatman™ Roby 25 for robotic systems

Whatman™ Roby 25 syringe filters for robotic systems were developed specifically for automated sample filtration and are available with various membranes. For difficult-to-filter samples, Whatman™ Roby syringe filters are also available with an integral glass fiber prefilter.

The filter housing is made from mechanically stable polypropylene. The external geometry of the filter housing ensures simple and smooth filter transport from the storage turntable to the filtration site and easy filter changing.

Features and benefits

- Optimized for automatic dissolution test systems
- Mechanically stable polypropylene
- Easy filter changing
- Ensures simple and smooth filter transport

Whatman™ Roby Automated Filter Validation Kit

Whatman™ Roby 25 Filter Validation Kit

The Whatman™ Roby 25 Filter Validation Kit includes step-by-step instructions for essential selection tests. Instructions include all important properties in an at-a-glance format.

Features

- Six types of filters: six tubes each with 25 filters
- Filter validation protocol with filter selection aid

Whatman™ Roby 25 fillters

Whatman Roby 25 for robotic systems **HSN Code: 70193900 | GST: 18%**

Cat. Nos	Description	INR Price
10463805	Whatman ROBY 25/0.45 NYLGF 200/PK 8TBS	74800
10463804	Whatman ROBY 25/0.45 NYLGF 1000/PK	248040
10463809	Whatman ROBY 25/0.45 RCGF 200/PK 8TBS	75240
10463814	Whatman ROBY 25/ GF55 200/PK 8TBS	71890
10463815	Whatman ROBY 25/ GF55 1000/PK	224970
10463801	Whatman ROBY 25/ GF92 200/PK 8TBS	69760
10463800	Whatman ROBY 25/ GF92 1000/PK	212210

Whatman Roby 25 for robotic systems **HSN Code: 70191900 | GST: 18%**

Cat. Nos	Description	INR Price
10463803	Whatman ROBY 25/0.45 NYL 200/PK 8TBS	73120

Whatman™ 850-DS Channel Filter Plate

The Whatman™ 850-DS 8-Channel Filter Plate is a disposable plate for use in the Agilent™ 850-DS Dissolution Sampling Station, used for automated sample preparation in dissolution testing.

Automated dissolution sample preparation for increased productivity

The filter plates are exclusively designed for use with the optional filter module on the Agilent 850-DS Dissolution Sampling Station to simplify filter replacement between timepoints. Reliable alignment of the liquid path increases productivity in two ways: First, by reducing the risk of jamming, and second, by reducing leaks that may occur with manual sampling or other dissolution sample preparation systems.

Save time and eliminate errors associated with manual sampling. Use Whatman™ 850-DS 8-channel filter plates in your Agilent 850-DS

Dissolution Sampling Station.

- **Automated processing**: up to 8 samples simultaneously
- **Readily available**: in a wide range of pore sizes and materials

Whatman™ 850-DS 8-channel filter plates have been developed in conjunction with Agilent. They are available in a range of pore sizes and materials.

Whatman™ 850-DS 8-Channel Filter Plate

Whatman filters for Agilent 850 DS **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
7707-3500	Whatman 850-DS 8-CH FP 0.2um NYL 50/PK	50430
7707-3100	Whatman 850-DS 8-CH FP 0.45um NYL 50/PK	50430
7707-3700	Whatman 850-DS 8 CH FP 0.2um PVDF 50/PK	50430
7707-3800	Whatman 850-DS 8 CH FP 0.45um PVDF 50/PK	52320
7707-3400	Whatman 850-DS 8-CH FP 0.2um PTFE 50/PK	50430
7707-3000	Whatman 850-DS 8-CH FP 0.45 PTFE 50/PK	52320
7707-3600	Whatman 850-DS 8-CH FP 0.2um PES 50/PK	50430
7707-3200	Whatman 850-DS 8-CH FP 0.45 PES 50/PK	52320
10463806	Whatman ROBY 25/0.45 RC 1000/PK	223730
10463808	Whatman ROBY 25/0.45 RCGF 1000/PK	266380
10463898	Whatman ROBY VALIDATION KIT 150/PK	73990

Whatman filters for Agilent 850 DS **HSN Code: 70199090 | GST: 18%**

Cat. Nos	Description	INR Price
7707-3300	Whatman 850-DS 8 CH FP 0.7um GMF 50/PK	50430
7707-3900	Whatman 850-DS 8 CH FP 1.0um GMF 50/PK	74270

All-in-one filters and filter vials

Whatman™ all-in-one syringeless filters and filter vials are preassembled, convenient filtration devices for removing particulates from samples. They replace syringe-coupled filtration devices with a single disposable unit, making sample preparation easier, faster, and more efficient.

Whatman™ Mini-UniPrep™ syringeless filters

Whatman™ Mini-UniPrep™ integrated syringeless filters and filter vials

The Whatman™ Mini-UniPrep™ preassembled filtration device consists of a 0.4 mL capacity chamber and a plunger. The plunger contains a filtration membrane at one end and a preattached cap and septum at the other. The plunger is pressed through the sample in the outer chamber and positive pressure forces the filtrate into the reservoir of the plunger. Air escapes through the vent hole until the locking ring is engaged, providing an air-tight seal. Within seconds, the Whatman™ Mini-UniPrep™ can be placed into any autosampler able to contain 2 mL vials for injection into your instrument.

The Whatman™ Mini-UniPrep™ device is designed to fit into any autosampler accommodating 12 × 32 mm vials. Alternatively, the septum can be pierced with a needle and the sample drawn off for manual injection into an analyzer.

A variety of Mini-UniPrep™ filters to meet your needs

- Amber Whatman™ Mini-UniPrep™ is available for customers who need to filter light-sensitive samples.
- Slit septa Whatman™ Mini-UniPrep™ is available for customers using robotics to maximize throughput.

Mini-Uniprep Syringeless filters

MUP Nylon Translucent — **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
UN203NPENYL	MUP 0.2uM NYL 100/PK	15780
UN503NPENYL	MUP 0.2uM NYL 1000/PK	191700
UN203NPUNYL	MUP 0.45uM NYL 100/PK	15550
UN503NPUNYL	MUP 0.45uM NYL 1000/PK	138920

MUP PTFE Translucent — **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
UN203NPEORG	MUP 0.2uM PTFE 100/PK	15660
UN503NPEORG	MUP 0.2uM PTFE 1000/PK	138920
UN203NPUORG	MUP 0.45uM PTFE 100/PK	15550
UN503NPUORG	MUP 0.45uM PTFE 1000/PK	138920

MUP PVDF Translucent — **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
UN203NPEAQU	MUP 0.2uM PVDF 100/PK	15550
UN503NPEAQU	MUP 0.2uM PVDF 1000/PK	138920
UN203NPUAQU	MUP 0.45uM PVDF 100/PK	15660
UN503NPUAQU	MUP 0.45uM PVDF 1000/PK	138920

MUP PES Translucent — **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
UN203NPEPES	MUP 0.2uM PES 100/PK	15430
UN203NPUPES	MUP 0.45uM PES 100/PK	15550
UN503NPUPES	MUP 0.45uM PES 1000/PK	191700

MUP RC Translucent HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
UN203NPERC	MUP 0.2uM RC 100/PK	17140
UN503NPERC	MUP 0.2uM RC 1000/PK	148570
UN203NPURC	MUP 0.45uM RC 100/PK	17820
UN503NPURC	MUP 0.45uM RC 1000/PK	148570

MUP PP Translucent HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
UN203NPEPP	MUP 0.2uM PP 100/PK	15550
UN503NPEPP	MUP 0.2uM PP 1000/PK	138920
UN203NPUPP	MUP 0.45uM PP 100/PK	15430
UN503NPUPP	MUP 0.45uM PP 1000/PK	138920

MUP DpPP Translucent HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
UN203NPUDPP	MUP 0.45uM DPPP 100/PK	15550
UN503NPUDPP	MUP 0.45uM DPPP 1000/PK	138920

MUP GMF Translucent HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
UN203NPUGMF	MUP 0.45uM GMF 100/PK	15660
UN503NPUGMF	MUP 0.45uM GMF 1000/PK	137070

MUP Nylon Slit Septa Translucent HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
US203NPENYL	MUP SS 0.2uM NYL 100/PK	19290
US503NPENYL	MUP SS 0.2uM NYL 1000/PK	244130
US203NPUNYL	MUP SS 0.45uM NYL 100/PK	19290

MUP PVDF Slit Septa Translucent HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
US203NPEAQU	MUP SS 0.2uM PVDF 100/PK	19290
US503NPEAQU	MUP SS 0.2uM PVDF1000/PK	244130

MUP PVDF Slit Septa Translucent HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
US203NPUAQU	MUP SS 0.45uM PVDF 100/PK	19180
US503NPUAQU	MUP SS 0.45uM PVDF 1000/PK	244130

MUP PTFE Slit Septa Translucent HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
US203NPEORG	MUP SS 0.2uM PTFE 100/PK	19290
US503NPEORG	MUP SS 0.2uM PTFE1000/PK	244130
US203NPUORG	MUP SS 0.45uM PTFE100/PK	19290
US503NPUORG	MUP SS 0.45uM PTFE 1000/PK	244130

MUP PES Slit Septa Translucent HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
US203NPEPES	MUP SS 0.2uM PES 100/PK	19290
US503NPEPES	MUP SS 0.2uM PES 1000/PK	244130
US203NPUPES	MUP SS 0.45uM PES 100/PK	19290

MUP PP Slit Septa Translucent HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
US203NPEPP	MUP SS 0.2uM PP 100/PK	19180
US503NPEPP	MUP SS 0.2uM PP 1000/PK	244130

MUP PP Slit Septa Translucent HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
US203NPUPP	MUP SS 0.45uM PP 100/PK	19290
US503NPUPP	MUP SS 0.45uM PP 1000/PK	240050

MUP DpPP Slit Septa Translucent HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
US203NPUDPP	MUP SS 0.45uM DPP 100/PK	19290
US503NPUDPP	MUP SS 0.45uM DPP 1000/PK	244130

MUP GMF Slit Septa Translucent HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
US203NPUGMF	MUP SS 0.45uM GMF 100/PK	19040
US503NPUGMF	MUP SS 0.45uM GMF 1000/PK	240870

MUP NYLON Amber HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
UN203APENYL	MUP AMB 0.2uM NYL 100/PK	17250
UN203APUNYL	MUP AMB 0.45uM NYL 100/PK	17250

MUP PVDF Amber HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
UN203APEAQU	MUP AMB 0.2uM PVDF 100/PK	17250
UN203APUAQU	MUP AMB 0.45uM PVDF 100/PK	16910

MUP PTFE Amber HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
UN203APEORG	MUP AMB 0.2uM PTFE 100/PK	17250
UN203APUORG	MUP AMB 0.45uM PTFE 100/PK	17250

MUP PES Amber HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
UN203APEPES	MUP AMB 0.2uM PES 100/PK	17250

MUP PP Amber HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
UN203APEPP	MUP AMB 0.2uM PP 100/PK	16610
UN203APUPP	MUP AMB 0.45uM PP 100/PK	16820

MUP DpPP Amber HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
UN203APUDPP	MUP AMB 0.45uM DPPP 100/PK	17250

MUP GMF Amber HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
UN203APUGMF	MUP AMB 0.45uM GMF 100/PK	17020

Accessories HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
MUPMCPBC8	MUP multi-compressor 1/PK W one tray	41990
MUPMCBT8	MUP Multi Compressor Tray	2860

Whatman™ Mini-UniPrep™ G2 integrated syringeless filters and glass vials

The Whatman™ Mini-UniPrep™ G2 includes an integral borosilicate glass vial housed within the plunger and a borosilicate glass chamber for holding the unfiltered liquid. It offers the same great Mini-UniPrep™ performance while minimizing the risk of extractable compounds from a plastic housing that might otherwise leach into your sample.

Mini-Uniprep G2 Syringeless filters

MUP G2 Nylon Translucent — **HSN Code: 70199090 | GST: 18%**

Cat. Nos	Description	INR Price
GN203NPENYLSP	MUP G2 0.2uM NYL 100/PK + HC	43720
GN203NPENYL	MUP G2 0.2uM NYL 100/PK	46990
GN503NPENYL	MUP G2 0.2uM NYL 1000/PK	463980

MUP G2 PVDF Translucent — **HSN Code: 70199090 | GST: 18%**

Cat. Nos	Description	INR Price
GN203NPEAQUSP	MUP G2 0.2uM PVDF 100/PK + HC	45400
GN203NPEAQU	MUP G2 0.2uM PVDF 100/PK	45510
GN503NPEAQU	MUP G2 0.2uM PVDF 1000/PK	463980
GN203NPUAQUSP	MUP G2 0.45uM PVDF 100/PK + HC	45400
GN203NPUAQU	MUP G2 0.45uM PVDF 100/PK	45510
GN503NPUAQU	MUP G2 0.45uM PVDF 1000/PK	463980

Scan the QR code
for product details

MUP G2 PTFE Translucent — **HSN Code: 70199090 | GST: 18%**

Cat. Nos	Description	INR Price
GN203NPEORGSP	MUP G2 0.2uM PTFE 100/PK + HC	51820
GN203NPEORG	MUP G2 0.2uM PTFE 100/PK	45510
GN503NPEORG	MUP G2 0.2uM PTFE 1000/PK	463980
GN203NPUORGSP	MUP G2 0.45uM PTFE 100/PK + HC	45400
GN203NPUORG	MUP G2 0.45uM PTFE 100/PK	45510
GN503NPUORG	MUP G2 0.45uM PTFE 1000/PK	472150

MUP G2 PP Translucent — **HSN Code: 70199090 | GST: 18%**

Cat. Nos	Description	INR Price
GN203NPEPPSP	MUP G2 0.2uM PP 100/PK + HC	45400
GN203NPEPP	MUP G2 0.2uM PP 100/PK	45510
GN503NPEPP	MUP G2 0.2uM PP 1000/PK	463980

MUP G2 RC Translucent

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
GN203NPERCSP	MUP G2 0.2uM RC 100/PK + HC	48240
GN203NPERC	MUP G2 0.2uM RC 100/PK	46990

MUP G2 RC Translucent

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
GN503NPERC	MUP G2 0.2uM RC 1000/PK	463980
GN203NPURCSP	MUP G2 0.45uM RC 100/PK + HC	48240
GN203NPURC	MUP G2 0.45uM RC 100/PK	46990
GN503NPURC	MUP G2 0.45uM RC 1000/PK	463980

MUP G2 GMF Translucent

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
GN203NPUGMFSP	MUP G2 0.45uM GMF 100/PK + HC	47590
GN203NPUGMF	MUP G2 0.45uM GMF 100/PK	46360
GN503NPUGMF	MUP G2 0.45uM GMF 1000/PK	475390

MUP G2 NYLON Slit Septa Translucent

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
GS203NPENYLSP	MUPG2 SS 0.2uM NYL 100PK+HC	49710
GS203NPENYL	MUP G2 SS 0.2uM NYL 100/PK	48240
GS503NPENYL	MUP G2 SS 0.2uM NYL 1000/PK	476470

MUP G2 PVDF Slit Septa Translucent

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
GS203NPEAQUSP	MUPG2 SS 0.2uM PVDF 100PK+HC	3733880
GS203NPEAQU	MUP G2 SS 0.2uM PVDF 100/PK	3691900

MUP G2 PVDF Slit Septa Translucent

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
GS503NPEAQU	MUP G2 SS 0.2uM PVDF 1000/PK	476690
GS203NPUAQUSP	MUPG2 SS 0.45uM PVDF 100PK+HC	3733880
GS203NPUAQU	MUP G2 SS 0.45uM PVDF 100/PK	3691900
GS503NPUAQU	MUP G2 SS 0.45uM PVDF 1000/PK	476690

MUP G2 PTFE Slit Septa Translucent

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
GS203NPEORGSP	MUPG2 SS 0.2uM PTFE 100PK+HC	45400
GS203NPEORG	MUP G2 SS 0.2uM PTFE 100/PK	3691900
GS503NPEORG	MUP G2 SS 0.2uM PTFE 1000/PK	476690
GS203NPUORGSP	MUPG2 SS 0.45uM PTFE 100PK+HC	44830
GS203NPUORG	MUP G2 SS 0.45uM PTFE 100/PK	3691900
GS503NPUORG	MUP G2 SS 0.45uM PTFE 1000/PK	431520

MUP G2 PP Slit Septa Translucent

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
GS203NPEPPSP	MUPG2 SS 0.2uM PP 100PK+HC	48240
GS203NPEPP	MUP G2 SS 0.2uM PP 100/PK	3691900

MUP G2 GMF Slit Septa Translucent

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
GS203NPUGMFSP	MUPG2 SS 0.45uM GMF 100PK+HC	50930
GS203NPUGMF	MUP G2 SS 0.45uM GMF 100/PK	47590

MUP G2 Amber

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
GN203APEAQUSP	MUPG2 AMB 0.2uM PVDF 100PK+HC	45400
GN203APEAQU	MUP G2 AMB 0.2uM PVDF 100/PK	3691900
GN203APEORGSP	MUPG2 AMB 0.2uM PTFE 100PK+HC	45400
GN203APEORG	MUP G2 AMB 0.2uM PTFE 100/PK	3691900

Accessories

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
MUPG2HCPWC1	MUP G2 HAND COMP 1/PK	2840
MUPG2MCPWC8	MUP G2 MULTI COMP W ONE TRAY	47440
MUPG2MCWT8	MUP G2 MULTI COMP TRAY	2160

Whatman™ UniPrep™ filter vials

Whatman™ UniPrep™ filter vials are preassembled filtration devices for the filtration and storage of laboratory samples. These devices are quick and easy to use and feature a plunger, filter, and vial in one unit. They replace syringe-coupled filtration devices with single, disposable units.

Whatman™ UniPrep™ devices consist of two parts: a test tube and a filter-plunger. The design incorporates a prefilter and a membrane into the tip of the plunger. When the filter-plunger is pressed through the liquid placed in the test tube, positive pressure forces the filtrate up into the reservoir of the filter-plunger.

Whatman™ UniPrep™ devices function in a similar way to the Whatman™ Mini-UniPrep™. However, Whatman™ UniPrep™ does not contain a septum in the cap and can be used to filter larger volumes (1 to 5 mL).

Whatman™ UniPrep™ Syringeless Filters

Whatman UniPrep filter vials **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
UN113EAQU	UP 0.2uM PVDF 50/PK	15430
UN113UAQU	UP 0.45uM PVDF 50/PK	17360
UN113ENYL	UP 0.2uM NYL 50/PK	15660
UN113UNYL	UP 0.45uM NYL 50/PK	15660
UN113EORG	UP 0.2uM PTFE 50/PK	15660
UN113UORG	UP 0.45uM PTFE 50/PK	15660

Whatman UniPrep filter vials **HSN Code: 70199090 | GST: 18%**

Cat. Nos	Description	INR Price
UN113UGMF	UP 0.45uM GMF 50/PK	15680

Whatman™ Autovial™ filter vials

Whatman™ Autovial™ filter vials are preassembled filtration devices for removing particulates from samples. They replace syringe-coupled filtration devices with single, disposable units.

Whatman™ Autovial™ devices are comprised of two parts: a graduated filter barrel and a plunger. The proven design features an integral filter, built-in air purge and a support stand that protects the recessed slip-Luer tip. They are available in a 5 mL and 12 mL volume capacity.

The Whatman™ Autovial™ filter is selected according to membrane compatibility with the sample. In practice, the sample is poured into the 5 mL or 12 mL capacity filter barrel. A plunger is inserted into the barrel until the bottom is securely in place; there is a gap of air between the sample and plunger. Then, the tip of the Autovial™ is placed into the mouth of an autosampler vial or container and the plunger compressed. Filtration begins immediately. As the plunger is compressed until it reaches the bottom, the membrane is purged with air for maximum sample recovery. For direct instrument injection, a needle is placed on the Autovial™ slip-Luer outlet.

Whatman™ Autovial™ syringeless filters

Autovial filter vials

Autovial 5—no prefilter **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
AV115NPUNYL	AV5 0.45uM NYL 50/PK	16800
AV115NPUAQU	AV5 0.45uM PVDF 50/PK	16800
AV115NPEORG	AV5 0.2uM PTFE 50/PK	16910
AV115NPUORG	AV5 0.45uM PTFE 50/PK	15090

Autovial 5—no prefilter **HSN Code: 70199090 | GST: 18%**

Cat. Nos	Description	INR Price
AV115UGMF	AV5 0.45uM GMF 50/PK	16730

Autovial 12—with GMF prefilter **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
AV125SNAO	AV12 0.2uM NYL S 40/PK	41770
AV125ENAO	AV12 0.2uM NYL 50/PK	22700
AV125UNAO	AV12 0.45uM NYL 50/PK	22930

Autovial 12—with GMF prefilter **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
AV525UNAO	AV12 0.45uM NYL 1000/PK	348210
AV125SAQU	AV12 0.2uM PVDF S 40/PK	31210
AV125EAQU	AV12 0.2uM PVDF 50/PK	22360
AV125UAQU	AV12 0.45uM PVDF 50/PK	22930
AV125NPUAQU	AV12 0.45uM PVDF N/PRE 50/PK	22250
AV125EORG	AV12 0.2uM PTFE 50/PK	22360
AV125UORG	AV12 0.45uM PTFE 50/PK	23270
AV525UORG	AV12 0.45uM PTFE 1000/PK	348210
AV125NPUPSU	AV12 0.45UM PES N/PRE 50/PK	22250
AV125UCA	AV12 0.45uM CA 50/PK	22590
AV125UGMF	AV12 0.45uM GMF 50/PK	23270

Autovial 12—with PP prefilter **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
AV125EPP	AV12 0.2uM PP 50/PK	22360
AV125UPP	AV12 0.45uM PP 50/PK	23380

Mobile phase filtration

Whatman™ inline filters feature high-purity polypropylene housings to maintain sample purity and are available with a choice of filtration media to suit a range of aqueous and organic samples.

Inline filter/degassers (IFD)

Inline filter/degasser

Whatman™ Inline Filter/Degassers (IFD) connect directly into an HPLC line to simultaneously filter and degas the mobile phase as it is being used. The Aqueous IFD provides pure filtration of aqueous based HPLC mobile phases while the Solvent IFD is used with organically based HPLC mobile phases. Aqueous IFD is designed to work with mobile phases containing at least 20% aqueous component.

The Aqueous IFD has a 0.2 µm hydrophilic nylon membrane for use with aqueous-based mobile phases. Solvent IFD has a 0.2 µm high-flow polypropylene membrane for mobile phases containing organic solvents. Both devices have a polypropylene housing, the circumference of which is sealed by a security ring, fittings to accommodate 1/16" to 1/8" tubing and an air vent on the inlet with Luer lock cap to enable priming.

The inline filters work on the principle of "bubble point"—the point of pressure at which gases will pass through a wet membrane. If pressure is maintained below the bubble point, the gas will not pass through the membrane and is trapped by the particular filter device.

Features and benefits

- Faster than traditional methods of mobile phase preparation, saving time in the laboratory
- Enhanced laboratory safety
- No need to purchase expensive degassing equipment
- Rugged, chemically resistant polypropylene construction
- Air vent on inlet with Luer lock cap
- Integrity-testable (bubble point method)

Mobile phase filtration

Inline filter/degasser **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
6725-5002	SOLVENT IFD 0.2 PP 10/PK W/O	17760
6725-5002A	SOLVENT IFD 0.2 PP 10/PK WO/O	17760
6726-5002	AQUEOUS IFD 0.2 NYL 10/PK W/O	17760
6726-5002A	AQUEOUS IFD 0.2 NYL 10/PK WO/O	17760

Polydisc filters

Whatman™ Polydisc 50 mm inline disc filters are designed for larger volume sample filtration in the laboratory, at a pilot plant, or in manufacturing. Sample volumes up to 1 liter can be filtered with one device. Polydisc devices can be used in conjunction with a syringe or connected inline via stepped hose barbs.

Polydisc filters feature a high-purity polypropylene housing and are available with a choice of filtration media to suit aqueous and organic samples. The devices are autoclavable and sterile options are available.

Polydisc AS Filters

Polydisc ReZist™ filter

Polydisc AS

The Polydisc AS (Aqueous Solution) family of 50 mm filter devices features a high throughput polyethersulfone membrane, which has low protein binding. These devices are suitable for sterile* filtration of buffers, media and post-fermentation sample preparation. A glass microfiber prefilter extends the life of the membrane and effectively filters heavily contaminated samples. Each Polydisc AS device has a sterility cap on the outlet and is sealed in its own medical grade clear blister pack, radiation sterilized, and secured in a protective shelf pack.

Polydisc TF and ReZist™

This device features a PTFE membrane, which is suitable for chemically aggressive solutions, reagents, and organic solvents. This lightweight unit is particularly suitable for protective vents and for inline filtration and isolation applications. The 1 µm device features a polypropylene prefilter for use with heavily contaminated samples.

50mm Disc Filters

Polydisc AS-PES **HSN Code: 70199090 | GST: 18%**

Cat. Nos	Description	INR Price
6724-5002	POLYDISC AS 0.2 GF/PES S 10/PK	20070
6724-5045	POLYDISCAS 0.45 GF/PES S 10/PK	20900
6724-5145	POLYDISCAS 0.45 GF/PES 50/PK	51650

Polydisc TF-PTFE **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
6720-5001	POLYDISC 50 0.1 PTFE 10/PK	14780
6720-5002	POLYDISC 50 0.2 PTFE 10/PK	14780
6720-5045	POLYDISC 50 0.45 PTFE 10/PK	14780
6721-5010	POLYDISC 50 1.0 PTFE 10/PK	14670

Polydisc HD

Excellent flow rate characteristics for filtering large volumes to 1 liter of aqueous and solvent samples. Polydisc HD (Heavy Duty) is available in 5 and 10 µm retention ratings.

Polydisc GW

Polydisc GW (Ground Water) is specifically designed for sample preparation of ground water samples for the analysis of dissolved heavy metals. It is an aqueous filter with low background values for the determination of trace elements. Each pack contains a certificate. Polydisc GW features simplify the preparation of aqueous solutions for the analysis of dissolved heavy metals.

Polydisc SPF

Filtering serum requires removing proteins, lipids, salts, and other cell debris. This range of particulate matter is effectively handled with multilayer prefilters to facilitate downstream work and to avoid clogging later serum filters. Polydisc SPF stacks a high-flow, hydrophilic PES membrane with a high particle- loading GMF filter to clean out particulates from serum and reduce stress on the final-stage serum filters.

Polydisc HD filter

Polydisc GW filters

Polydisc SPF filters

Polydisc HD-PP **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
2227	POLYDISC HD 5.0 50/PK E/E	50860
2228	POLYDISC HD 10.0 50/PK E/E	46640
6728-5050	POLYDISC HD 5.0 DPPP 10/PK	13980
6728-5100	POLYDISC HD 10.0 DPPP 10/PK	13980

Polydisc GW-QMF+NYLON **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
10463400	POLYDISC GW 0.45uM 20/PK	13130
10463401	POLYDISC GW 0.45uM 50/PK	48550

Polydisc SPF-GMF+PES **HSN Code: 70199090 | GST: 18%**

Cat. Nos	Description	INR Price
6724-5000	POLYDISC SPF 1.0 GF/PES 10/PK	13290

Vacuum protection filters

VACU-GUARD vacuum protection filters

VACU-GUARD inline filters help protect your equipment from potentially damaging containments. Choose form disc and capsule formats, depending on your application.

VACU-GUARD disc filters

VACU-GUARD disc filter

Features and benefits

- Prevents fluid and aerosal containment of vacuum pumps or aspiration suction systems while removing hazardous exhaust
- Flexible: designed for use with 6-10 or 10-12 mm i.d. tubing
- Biosafe: all materials pass USP Class VI Test for Plastics

Applications

- Protects vacuum pumps and systems from aerosols and particulate contamination

VACU-GUARD 150 capsule filter

Features and benefits

- Choice of media: VACU-GUARD 150 capsule filters include all the features and benefits of standard VACU-GUARD disc filters, plus a range of media for specific applications.

Applications

- Added back-up protection: use as a backup between a cold trap and pump to protect against moisture and organic vapors if cold trap fails
- Activated carbon removes organic vapors from air
- Desiccant for use with high velocity acidic air

VACU-GUARD 150 capsule filters

VACU-GUARD **HSN Code: 84212900 | GST: 18%**

Cat. Nos	Description	INR Price
6722-5000	VACUGUARD 50 0.45 PTFE 10/PK	17290
6722-5001	VACUGUARD 60 0.45 PTFE 10/PK	17290
6722-1001	VACUGUARD 150 0.45 TF/AC 1/PK	15040
6722-1002	VACUGUARD 150 0.45 TF/D 1/PK	14140

Venting filters

Whatman™ venting filters are disposable devices designed and manufactured with a high-purity polypropylene housing to maintain sample purity. Products are available with a choice of filtration media to suit a range of venting applications. All seals are fused, with no glue, adhesive, metal, epoxy, or other extraneous materials used in construction.

Whatman™ PolyVENT integral vent filters

Whatman™ PolyVENT filters are integral venting filters that work bidirectionally to prevent bacterial and other contaminants from entering vessels like incubators, bioreactors or fermentation tanks during draining or filling. With an integral PTFE filter membrane, Whatman™ PolyVENT acts as an industrial air filter media for sterilization* of gases entering bioreactors such as fermentation tanks.

Features and benefits

- 0.2 µm hydrophobic PTFE air filters are excellent industrial air filter media
- Testable by water breakthrough (WBT) test or bubble point testing
- Passes USP Class VI biosafety tests for plastics
- Manufactured in clean room facilities
- Range of filtration areas from 4–2000 cm^2 to support filtration volumes as small as one liter and as large as a large tank vessel

** Refers to sterilization by filtration for small sample use, which is an industry term for filters of pore size 0.2* µmor smaller as referenced in guidance such as EPA Guidance for Industry Sterile Drug products produced by Aseptic Processing — Current Good Manufacturing Practice Section IX, Part B (September 2004).

PolyVENT integral vent filters

HEPA-VENT and HEPA-CAP filters

HEPA-VENT and HEPA-CAP

HEPA filter media are used throughout the scientific, research, and industrial environments in a variety of air and gas filtration applications where high retention, dirt-holding capacity, and flow rates are required.

PolyVent 36 HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6713-5036	POLYVENT 500 0.2 PTFE 1/PK	9370
2103	POLYVENT 500 0.2TF 1/PK B/B	9950

PolyVent 75 HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6713-1075	POLYVENT 1000 0.2 PTFE 1/PK	11920

PolyVent 150 HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
2107	POLYVENT 2000 0.2TF 1/PK B/B	15500
2108	POLYVENT 2000 0.2TF 1/PK H/H	14810

PolyVENT discs HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6713-0425	POLYVENT 25MM 0.2 PTFE 50/PK	19480
6713-1650	POLYVENT 50MM 0.2 PTFE 10/PK	17970
6713-1651	POLYVENT 50MM 0.2 PTFE 100/PK	103610

HEPACAP 36 HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6702-3600	HEPA-CAP 36 1/PK A/A	6710

HEPACAP 36 HSN Code: 70193900 | GST: 18%

Cat. Nos	Description	INR Price
2609T	HEPA-CAP 36 5/PK G/G	30930

HEPACAP 75 HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6702-7500	HEPA-CAP 75 1/PK B/B	9020
2709T	HEPA-CAP 75 5/PK G/G	53290

HEPACAP 150 HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6702-9500	HEPA-CAP 150 1/PK B/B	10180
2809T	HEPACAP 150 5/PK G/G	46370

HEPA-VENT disc filter HSN Code: 70193900 | GST: 18%

Cat. Nos	Description	INR Price
6723-5000	HEPA-VENT 50 GF 10/PK	9670

Capsule filters

The filtration of large sample volumes requires products which permit high throughput and flow rates. Whatman™ capsule filters combine high efficiency media and innovative design features with a choice of filtration media for use in a wide range of applications.

A range of capsule sizes is available enabling users to scale-up volumes from a few liters to several hundred liters, whilst using the same filter media type.

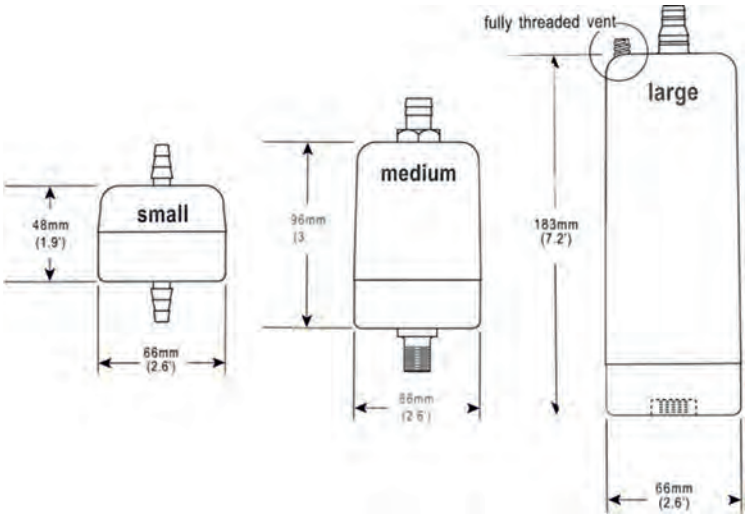
These capsules are available with a variety of end fittings for easy connection in a range of process lines.

Whatman™ capsule filters are recommended for the fast and efficient filtration of many different sample types. The quick application guide indicates product suitability by application area and sample type.

The product selection guide readily identifies the most appropriate product based on particle retention.

Whatman™ products are manufactured with the highest quality materials, under exacting clean room conditions using ISO - controlled manufacturing processes. All devices are produced without the use of adhesives to ensure product purity.

For highly reliable performance - in any application - trust our comprehensive range of capsule filtration devices.



Capsule	Size	Average surface area
Small	36	500 cm^2
Medium	75	1000 cm^2
Large	150	1500 cm^2

Quick application guide

Application

1. Cleaning/rinsing solutions
2. Cosmetics and personal care products
3. Decolorizing and oil clarification
4. Filtering ground water samples before dissolved metal analysis
5. Food and beverage
6. Immunologicals
7. Inks and pigments
8. Instrument outlet exhausts
9. Particle counting
10. Particulate removal from gases
11. Removal of noxious odors, oil mists and contaminants
12. Serum prefiltration
13. Tissue culture media
14. Vaccum pump protection
15. Venting
16. Viral suspensions
17. Water, chemical and reagent purification

Polycap TC/PFES
Polyethersulfone membrane

Application
1 5 9
13 16 17

Sample type
A B C E I
L M O P

PolyVENT/SteriVENT
PTFE vent embranes

Application
15

Sample type
F

Polycap AS
Nylon membrane with filter

Application
2 5 6
13 16 17

Sample type
A B C E I
J L M N

HEPA-CAP
Glass microfiber air filter

Application
10

Sample type
F

Polycap SPF
Serum prefiltration filter

Application
12 13 16

Sample type
A B C E
I O P

VACU-GUARD 150
Carbon/desiccant/
molecular sieve
and PTFE

Application
14

Sample type
D F

Quick application guide

Sample type

A. Aqueous solutions
B. Biologicals
C. Buffers
D. Electronics (gases)
E. Enzymes
F. Gases
G. Ground water
H. Inks and pigments
I. Nutrients
J. Opthalmic solutions
K. Photographics emulsions and make-up water
L. Reagents
M. Salt solutions
N. Solvents
O. Tissue culture media
P. Virus suspensions

Polycap TF
PTFE membrane

Application
15 17

Sample type
D F N

Carbon Cap
Activated carbon and glass microfiber

Application
3 8 10
11 17

Sample type
A D F

Polycap HD
Polypropylene depth filter

Application
2 5
7 17

Sample type
A B C E
H K L N

Polycap GW
Polyethersulfone membrane

Application
4

Sample type
G

Note: For guidance only. Only a selection of applications are shown above.

Capsule Filters

Polycap 36 AS HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6705-3602	POLYCAP 36 0.2 AS 1/PK A/A S	6010
6708-3602	POLYCAP 36 0.2 AS 1/PK B/B S	6010
6709-3602	POLYCAP 36 0.2 AS 1/PK F/A S	6130
6706-3602	POLYCAP36 0.2 AS 1/PK A/A S/WB	6460
2606T	POLYCAP 36 0.2 AS 5/PK G/G	40830
6705-3604	POLYCAP 36 0.45 AS 1/PK A/A S	6130

Polycap 75 AS HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
2706T	POLYCAP 75 0.2 AS 5/PK G/G	42210
2707NS	POLYCAP 75 0.45 AS 5/PK A/A	41870

Polycap 36 HD HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
2610T	POLYCAP 36 .2/.45 HD 5/PK G/G	29490
2611	POLYCAP 36 .45/1.0 HD 5/PK A/A	29180
2611T	POLYCAP 36 .45/1.0 HD 5/PK G/G	30070
2612T	POLYCAP 36 1.0/5.0 HD 5/PK G/G	28960
6703-3610	POLYCAP 36 1.0 HD 1/PK A/A	6130
2613T	POLYCAP 36 5./10. HD 5/PK G/G	28400
6703-3650	POLYCAP 36 5.0 HD 1/PK A/A	6360
2614T	POLYCAP 36 10/20 HD 5/PK G/G	29490
6703-3611	POLYCAP 36 10.0 HD 1/PK A/A	6130
6703-3621	POLYCAP 36 20.0 HD 1/PK A/A	6130

Polycap 75 HD HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
2710	POLYCAP 75 0.2/.45 HD 5/PK D/D	39540
6703-7510	POLYCAP 75 1.0 HD 1/PK B/B	8020
2711T	POLYCAP 75 .45/1.0 HD 5/PK G/G	38860

Polycap 75 HD HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6703-7550	POLYCAP 75 5.0 HD 1/PK B/B	8330
2712M	POLYCAP 75 1.0/5.0 HD 5/PK F/F	38860
2712T	POLYCAP 75 1.0/5.0 HD 5/PK G/G	38860
6703-7511	POLYCAP 75 10.0 HD 1/PK B/B	8330
2713T	POLYCAP 75 5/10 HD 5/PK G/G	38860
2713	POLYCAP 75 5.0/10 HD 5/PK D/D	39540
6703-7521	POLYCAP 75 20.0 HD 1/PK B/B	8330
2714	POLYCAP 75 10/20 HD 5/PK D/D	39310
2714T	POLYCAP 75 10/20 HD 5/PK G/G	38860

Polycap 150 HD HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
2810	POLYCAP 150 .2/.45 HD 5/PK D/D	48450
2810T	POLYCAP 150 .2/.45 HD 5/PK G/G	46440
2812T	POLYCAP 150 1/5 HD 5/PK G/G	48350
2813T	POLYCAP 150 5/10 HD 5/PK G/G	46440
2813	POLYCAP 150 5/10 HD 5/PK D/D	49010
2814T	POLYCAP 150 10/20 HD 5/PK G/G	46440

Polycap 36 SPF HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
6705-3600	POLY CAP 36SPF GF/1.0 PES 1/PK A/A	7110

Polycap 75 SPF HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
6705-7500	POLY CAP 75SPF GF/1.0 PES 1/PK A/A	9480

Polycap 150 SPF HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
2820	POLY CAP 150SPF GF/1.0PES 5/PK D/D	101640

Polycap 36 TC HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6714-3601	POLY CAP 36 0.2/0.1 PES 1/PK A/A S	9580
6714-3602	POLY CAP 36 0.2/0.2 PES 1/PK A/A S	8670
2642	POLYCAP 36 0.2 PES 5/PK A/A S	40430
6714-3604	POLY CAP 36 .6/0.45 PES 1/PK A/A S	8670
6715-3601	POLY36 .2/.1 PES 1/PK A/A/S/WB	9800
6715-3602	POLY36 .2/.2 PES 1/PK A/A/S/WB	8580
6716-3602	POLY36 .2/.2 PES 1/PK F/A/S/WB	9020
6715-3604	POLY36 .6/.45PES 1/PK A/A/S/WB	8580
6715-3682	POLY36 .8/.2PES 1/PK A/A/S/WB	8580

Polycap 75 TC HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6714-7501	POLYC75 0.2/0.1 PES 1/PK A/A S	15700
6714-7502	POLYC75 0.2/0.2 PES 1/PK A/A S	13650
6717-7504	POLYCA75 .6/.45 PES 1/PK B/B/S	13030
6717-7510	POLYC75 1.0/1.0 PES 1/PK B/B/S	13030
6715-7502	POLY75 .2/.02 TC 1/PK A/A/S/WB	13030
6715-7582	POLY75 0.8/0.2PES 1/PK A/A/S/WB	12700

Polycap 150 TC HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6717-9501	POLY150 0.2/0.1 PES 1/PK B/B/S	24980
6717-9502	POLY150 0.2/0.2 PES 1/PK B/B/S	17120
6704-9502	POLYCAP 150 0.2 PES 5/PK H/H	73730
6717-9504	POLY150 .6/0.45 PES 1/PK B/B/S	17120
6718-9502	POLY150 .2/.2 PES 1/PKB/B/S/WB	16480
6718-9582	POLY150 .8/0.2PES 1/PKB/A/S/WB	15700

Polycap 36 TF HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6711-3601	POLYCAP 36 0.1 PTFE 1/PK F/A	8580
6711-3602	POLYCAP 36 0.2 PTFE 1/PK F/A	9020
6710-3602	POLYCAP 36 0.2 PTFE 1/PK B/B	8440
6700-3602	POLYCAP 36 0.2 PTFE 1/PK A/A	9370
2601	POLYCAP 36 0.2 PTFE 5/PK A/A	41540
2601T	POLYCAP 36 0.2 PTFE 5/PK G/G	41770
6711-3604	POLYCAP 36 0.45 PTFE 1/PK F/A	9130
2602S	POLYCAP 36 0.45 PTFE 5/PK H/H	41430
6700-3610	POLYCAP 36 1.0 PTFE 1/PK A/A	9370
2603	POLYCAP 36 1.0 PTFE 5/PK A/A	41540
2603T	POLYCAP 36 1.0 PTFE 5/PK G/G	41770

Polycap 75 TF HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6700-7501	POLYCAP 75 0.1 PTFE 1/PK A/A	11810
2700T	POLYCAP 75 0.1 PTFE 5/PK G/G	55520
6711-7502	POLYCAP 75 0.2 PTFE 1/PK F/A	11810
6710-7502	POLYCAP 75 0.2 PTFE 1/PK B/B	11810
6700-7502	POLYCAP 75 0.2 PTFE 1/PK A/A	11810
2702M	POLYCAP 75 0.2 PTFE 5/PK F/F	55520
2702T	POLYCAP 75 0.2 PTFE 5/PK G/G	55520
6700-7504	POLYCAP 75 0.45 PTFE 1/PK A/A	11810
2703T	POLYCAP 75 0.45 PTFE 5/PK G/G	55520
6701-7510	POLYCAP 75 1.0 PTFE 1/PK A/A	12720

Polycap 150 TF HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
2800T	POLYCAP 150 0.1 PTFE 5/PK G/G	74020
2802T	POLYCAP 150 0.2 PTFE 5/PK G/G	74020
2801	POLYCAP 150 0.2 PTFE 5/PK H/H	74180
2803T	POLYCAP 150 0.45 PTFE 5/PK G/G	74020
2804T	POLYCAP 150 1.0 PTFE 5/PK G/G	74020

Polycap 75 GW HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR Price
6714-6004	POLYCAP GW 0.45 PES 1/PK	6010
6724-6004	POLYCAP GW 0.45 PES 100/PK	815500

Carbon Cap HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
6704-7500	CARBON CAP 75 GF 1/PK B/B	17810
6704-1500	CARBON CAP 150 GF 1/PK B/B	18250

Our Goal: Recycle 500,000 syringe filters in 2022

Help us recycle 500,000 syringe filters: We've been working with international recycling leader, TerraCycle, to figure out how to recycle syringe filters — an industry first. Is your lab eligible to participate in our pilot program?

100+M syringe filters end up in landfills

700,000 lbs or 350 tons (the weight of 25 school buses)

Scan the QR code for product details

TerraCycle and Cytiva

Working together to recycle the non-recyclable!

Specialty products

06

Separate the organic from the inorganic. Protect lab surfaces. Test the pH levels in swimming pools. Cytiva offers a range of specialty products to meet your specific testing requirements.

Scan the QR code
for product details

Extraction thimbles

These thimbles are widely used in Soxhlet extraction units, providing a safe, convenient, and efficient method of solvent extraction from solids and semi solids. Soxhlet extraction is a widely used technique for the analysis of fats or pesticides in foods and soil materials as well as in many other procedures that involve a solid-liquid extraction.

Cellulose thimbles

High-performance cellulose thimbles

Cellulose extraction thimbles are produced from high-quality alpha cellulose cotton linter and have excellent mechanical strength and retention. The high purity of the materials ensures reliable and reproducible analytical results.

Standard cellulose thimbles

Thimbles of type 603 are made from high-quality cellulose, and 603 g thimbles are made from borosilicate glass fibers with an inorganic binder. For all automated extraction apparatus in common use, we offer thimbles whose dimensions are matched exactly to those of the thimble holders to ensure optimal fit.

Glass and quartz thimbles

These thimbles are widely used in Soxhlet extraction units, providing a safe, convenient, and efficient method of solvent extraction from solids and semi solids. Soxhlet extraction is a widely used technique for the analysis of fats or pesticides in foods and soil materials as well as in many other procedures that involve a solid-liquid extraction.

High-purity glass microfiber thimbles

High-purity glass microfiber thimbles manufactured from 100% pure borosilicate glass are available for specialized applications. The thimbles are completely free of binders or additives and can be used at temperatures up to 500°C or when using solvents that are incompatible with cellulose thimbles. These thimbles are also used in pollution monitoring techniques (0.8 µm nominal particle retention). Typical thickness 1.7 mm.

Quartz microfiber thimbles

Made from high-purity quartz microfiber, this thimble can withstand high temperatures (up to 1000°C). Suitable for solvent extraction, dioxin detection and smoke stack gas sampling.

Thimble size selection guide

Thimble sizes should be selected carefully to fit extractors correctly. The different sizes represent the established practice of showing the internal diameter and overall length of the thimble in millimeters. Therefore, make an extra allowance for wall thickness when calculating external diameters. The thimble should pass through the narrower end of the upper extractor socket, allowing 1-2 mm clearance, and be 5-10 mm above the level of the top of the siphon tube.

High performance cellulose extraction thimbles

High-purity glass microfiber thimbles

High-performance cellulose thimbles

Single thickness: 1 mm HSN Code:48237090 | GST: 18%

Cat. Nos	Description	INR Price
2800-105	THIMBLE ST 10x50MM 25/PK	11180
2800-185	THIMBLE ST 18x55MM 25/PK	11440
2800-199	THIMBLE ST 19x90MM 25/PK	11270
2800-226	THIMBLE ST 22x65MM 25/PK	11440
2800-228	THIMBLE ST 22x80MM 25/PK	11460
2800-258	THIMBLE ST 25x80MM 25/PK	11320
2800-259	THIMBLE ST 25x90MM 25/PK	11440
2800-250	THIMBLE ST 25x100MM 25/PK	11320
2800-266	THIMBLE ST 26x60MM 25/PK	11440
2800-260	THIMBLE ST 26x100MM 25/PK	11180
2800-288	THIMBLE ST 28x80MM 25/PK	11270
2800-280	THIMBLE ST 28x100MM 25/PK	11380
2800-282	THIMBLE ST 28x120MM 25/PK	12200
2800-308	THIMBLE ST 30x80MM 25/PK	11270
2800-300	THIMBLE ST 30x100MM 25/PK	11340
2800-338	THIMBLE ST 33x80MM 25/PK	13440
2800-339	THIMBLE ST 33x94MM 25/PK	13470
2800-330	THIMBLE ST 33x100MM 25/PK	13470
2800-331	THIMBLE ST 33x118MM 25/PK	13470
2800-373	THIMBLE ST 37x130MM 25/PK	19190
2800-412	THIMBLE ST 41x123MM 25/PK	15630
2800-432	THIMBLE ST 43x123MM 25/PK	16770
2800-608	THIMBLE ST 60x180MM 25/PK	55090

Double thickness: 2 mm HSN Code: 48237090 | GST: 18%

Cat. Nos	Description	INR Price
2810-166	THIMBLE DT 16x60MM 25/PK	12900
2810-228	THIMBLE DT 22x80MM 25/PK	14360
2810-258	THIMBLE DT 25x80MM 25/PK	14360

Double thickness: 2 mm HSN Code: 48237090 | GST: 18%

Cat. Nos	Description	INR Price
2810-266	THIMBLE DT 26x60MM 25/PK	16390
2810-338	THIMBLE DT 33x80MM 25/PK	18810
2810-339	THIMBLE DT 33x94MM 25/PK	25030
2810-432	THIMBLE DT 43x123MM 25/PK	23420

Sandard cellulose thimbles HSN Code: 48237090 | GST: 18%

Cat. Nos	Description	INR Price
11350101	603 CELTHIMBLE 9x50MM 25/PK	8510
10350306	603 CELTHIMBLE 22x60MM 25/PK	29430
10350211	603 CELTHIMBLE 22x80MM 25/PK	15760
10350215	603 CELTHIMBLE 25x60MM 25/PK	15360
10350217	603 CELTHIMBLE 25x80MM 25/PK	15250
10350219	603 CELTHIMBLE 25x100MM 25/PK	15990
10350220	603 CELTHIMBLE 26x60MM 25/PK	15470
10350416	603TTHIMBLE 27x25x60MM 25/PK	6510
10350223	603 CELTHIMBLE 27x80MM 25/PK	15030
10350225	603 CELTHIMBLE 28x60MM 25/PK	15030
10350226	603 CELTHIMBLE 28x80MM 25/PK	15470
10350227	603 CELTHIMBLE 28x100MM 25/PK	15250
10350234	603 CELTHIMBLE 30x80MM 25/PK	15470
10350236	603 CELTHIMBLE 30x100MM 25/PK	18570
10350238	603 CELTHIMBLE 33x60MM 25/PK	15030
10350240	603 CELTHIMBLE 33x80MM 25/PK	15990
10350437	603TTHIMBLE 33x31x80MM 25/PK	15280
10350241	603 CELTHIMBLE 33x90MM 25/PK	18950
10350242	603 CELTHIMBLE 33x94MM 25/PK	18680
10350243	603 CELTHIMBLE 33x100MM 25/PK	18950
10350245	603 CELTHIMBLE 33x118MM 25/PK	22950
10350247	603 CELTHIMBLE 33x130MM 25/PK	22290
10350250	603 CELTHIMBLE 33x205MM 25/PK	29990

Sandard cellulose thimbles

HSN Code: 48237090 | GST: 18%

Cat. Nos	Description	INR Price
10350252	603 CELTHIMBLE 34x130MM 25/PK	21910
10350255	603 CELTHIMBLE 35x150MM 25/PK	26300
10350261	603 CELTHIMBLE 40x85MM 25/PK	23340
10350265	603 CELTHIMBLE 41x123MM 25/PK	26170
10350275	603 CELTHIMBLE 44x230MM 25/PK	39770
10350273	603 CELTHIMBLE 48x145MM 25/PK	33310
10350274	603 CELTHIMBLE 48x200MM 25/PK	39520
10350287	603 CELTHIMBLE 75x250MM 25/PK	58730
10350324	603 CELTHMBL 86x80x250MM 25/PK	55970

Sandard cellulose thimbles for DIONEX™

HSN Code: 48237090 | GST: 18%

Cat. Nos	Description	INR Price
10350106	603 ASE 17x37MM 25/PK FOR11ML	18660
10350108	603 ASE 17x79MM 25/PK FOR22ML	18660

Standard Glass Microfiber thimbles

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
10371103	603G GLASTHIMBLE 10x38MM 25/PK	25940
10371005	603G GLASTHIMBLE 16x50MM 25/PK	24720
10371007	603G GLASTHIMBLE 19x90MM 25/PK	27080
10371011	603G GLASTHIMBLE 22x80MM 25/PK	26050
10371114	603G GLASTHMBL 23.8x68MM 25/PK	27450
10371019	603G GLASTHMBL 25x100MM 25/PK	25670
10371025	603G GLASTHIMBLE 28x60MM 25/PK	24720
10371036	603G GLASTHMBL 30x100MM 25/PK	30740
10371042	603G GLASTHIMBLE 33x94MM 25/PK	30650
10371043	603G GLASTHMBL 33x100MM 25/PK	27670
10371045	603G GLASTHMBL 33x118MM 25/PK	38000
10371055	603G GLASTHMBL 35x150MM 25/PK	48570
2811-308	THIMBLE GF 30x80MM 25/PK	25160

High-purity thimbles

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
2814-199	THIMBLE HPGF 19x90MM 25/PK	20320
2814-259	THIMBLE HPGF 25x90MM 25/PK	23840
2814-300	THIMBLE HPGF 30x100MM 25/PK	27080
2814-432	THIMBLE HPGF 43x123MM 25/PK	32910
2814-533	THIMBLE HPGF 53x135MM 25/PK	44050

Quartz microfiber thimbles

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR Price
2812-259	THIMBLE SILICA 25x90MM 10/PK	13020
2812-287	THIMBLE SILICA 28x70MM 10/PK	17660

Chromatography papers

Whatman™ chromatography paper media are made from specially selected cotton cellulose. They are rigorously quality controlled for characteristics important to the chromatographer and to ensure uniformity within the grade.

Features and benefits

- Pure cellulose produced entirely from the highest quality cotton linters with no additives of any kind
- Manufactured and tested specifically for chromatographic techniques to ensure the wicking capability and uniformity of capillary action that are important in chemical separations
- Also widely used in protein and nucleic acid blotting

Cellulose chromatography papers

Blotting Papers

A thick highly absorbent paper recommended for applications where fewer layers of blotting paper must still ensure a high capacity. Recommended for semi-dry blotting of proteins.

Pure cellulose produced entirely from the highest quality cotton linter's with no additives of any kind. Ensures that no contamination will occur during the transfer steps.

Whatman™ 3MM Chr is considered the industry standard for blotting procedures.

GB003 BLOTTING **HSN Code: 48239090 | GST: 18%**

Cat. Nos	Description	INR Price
10427805	GB003 100x150MM 100/PK	6000
10427804	GB003 110x140MM 100/PK	3360
10427810	GB003 150x150MM 100/PK	3540
10427812	GB003 150x200MM 100/PK	6960
10427813	GB003 160x180MM 100/PK	6830
10427818	GB003 200x200MM 100/PK	8530
10426890	GB003 300x600MM 25/PK	10250
10427806	GB003 70x100MM 100/PK	2020
10426880	GB003 100x100MM 50/PK	23030

GB003 BLOTTING **HSN Code: 48054000 | GST: 12%**

Cat. Nos	Description	INR Price
10427826	GB003 460x570MM 100/PK	50680
10426892	GB003 580x600MM 50/PK	44690

GB005 BLOTTING **HSN Code: 48239090 | GST: 18%**

Cat. Nos	Description	INR Price
10426972	GB005 sheets 150x150 mm 25/PK	7310
10426981	GB005 Sheets 200x200 mm 25/PK	9990

GB005 BLOTTING **HSN Code: 48054000 | GST: 12%**

Cat. Nos	Description	INR Price
10426994	GB005 Sheets 580 x 580 mm 25/PK	24800

Cellulose chromatography papers

Grade 1CHR — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
3001-604	GR 1CHR 1CMx100M	2870
3001-614	GR 1CHR 2CMx100M	3690
3001-640	GR 1CHR 3CMx100M	5110
3001-652	GR 1CHR 4CMx100M	7020
3001-653	GR 1CHR 5CMx100M	8430
3001-672	GR 1CHR 10CMx100M	14560
3001-681	GR 1CHR 15CMx100M	18520
3001-651	GR 1CHR 1.5INx300FT	8810
300110115	GR 1CHR 18inch x 3800m	650360
3001-845	GR 1CHR 10x30CM 100/PK	6210
3001-964	GR 1CHR 11x21.3CM 100/PK	15320
3001-861	GR 1CHR 20x20CM 100/PK	7660
3001-878	GR 1CHR 25x25CM 100/PK	12000

Grade 1CHR — HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
3001-917	GR 1CHR 46x57CM 100/PK	26250
3001-931	GR 1CHR 58x68CM 100/PK	40300

Grade 2CHR — HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
3002-917	GR 2 CHR 46x57CM 100/PK	37670

Grade 2CHR — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
3002-911	GR 2CHR 58x60CM 100/PK	78790

Grade 3CHR — HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
3003-917	GR 3CHR 46x57CM 100/PK	63630

Grade 4CHR — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
3004-614	4CHR 2CM x 100M REEL	5110
3004-700	4CHR 23CMx100M REEL	59250

Grade 4CHR — HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
3004-917	GR 4CHR 46x57CM 100/PK	35750

Grade 17CHR — HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
3017-8793	GR 17CHR 2.5x22CM 100/PK	14300
3017-820	GR 17CHR 7x9CM 100/PK	13150
3017-621	GR 17CHR 2.5CMx30M	12900

Grade 17CHR — HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
3017-915	GR 17CHR 46x57CM 25/PK	43670
3017-917	GR 17CHR 46x57CM 100/PK	152080

Grade 20CHR — HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
3020-917	GR 20CHR 46x57CM 100/PK	67380

Grade 31ETCHR HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
3031-901	31ET CHR 2 x 5CM 1000/PK	27450
3031-681	31ET CHR 15CMx100M 1RL/PK	36520

Grade 31ETCHR HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
3031-915	31ET CHR 46 x 57CM 25/PK	30840

Grade 54SFCCHR HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
3454-651	GR 54SFC 1.5INx300FT RL	24900

Grade 2668CHR HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
10382461	2668 58x60CM 100/PK	123090

Grade 2727CHR HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10382514	2727 185MM 100/PK	54840
10382581	2727 190x190MM 100/PK	94310

Grade 2727CHR HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
10382562	2727 58x60CM 50/PK	96530

3MM CHR HSN Code: 48239090 | GST: 18%

Cat. Nos	Description	INR Price
3030-6185	3MM CHR 11X14CM 100/PK	4250
3030-6189	3MM CHR 4X5.25IN 100/PK	3370
3030-6132	3MM CHR 12X14CM 100/PK	3890

3MM CHR HSN Code: 48239090 | GST: 18%

Cat. Nos	Description	INR Price
3030-153	3MM CHR 15X17.5CM 100/PK	4370
3030-6188	3MM CHR 15X20CM 100/PK	7870
3030-221	3MM CHR 18X34CM 100/PK	14010
3030-861	3MM CHR 20X20CM 100/PK	10230
3030-866	3MM CHR 8X10IN 100/PK	9510
3030-6461	3MM CHR 26X41CM 100/PK	17510
3030-335	3MM CHR 31.5X33.5CM 100/PK	17390
3030-347	3MM CHR 35X43CM 100/PK	22240
3030-392	3MM CHR 35X45CM 100/PK	29580
3030-909	3MM CHR 40X40CM 50/PK	28670
3030-614	3MM CHR 2CMx100M 1RL/PK	4670
3030-662	3MM CHR 7.5CMx100M 1RL/PK	23110
3030-672	3MM CHR 10CMx100M 1RL/PK	22360
3030-675	3MM CHR 12.5CMx100M 1RL/PK	41650
3030-681	3MM CHR 15CMx100M 1RL/PK	19110
3030-690	3MM CHR 19CMx100M 1RL/PK	41350
3030-700	3MM CHR 23CMx100M 1RL/PK	49720
3030-704	3MM CHR 27CMX100M 1RL/PK	47230

3MM CHR HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR Price
3030-917	3MM CHR 46X57CM 100/PK	13830
3030-931	3MM CHR 58X68CM 100/PK	62220
3030-928	3MM CHR 60X60CM 50/PK	52350

Benchkote™ and Benchkote™ Plus

Benchkote™

Benchkote™ is an absorbent, impermeable material designed to protect laboratory surfaces against hazardous spills. The material features a high-quality, smooth, absorbent Whatman™ paper, which quickly absorbs liquid spills, and a laminated polyethylene layer that prevents flow through to the working surface. After use, the sheet is incinerated or disposed of according to local regulations.

Benchkote™ Plus

Benchkote™ Plus is a thicker, more absorbent material for more demanding applications and can absorb in excess of 0.75 liters of water per square meter.

Benchkote™ Surface Protector

Benchkote™ surface protector for lab-scale ÄKTA™ systems

Benchkote™

Benchkote™ sheets for lab-scale ÄKTA™ systems protect the top buffer trays from buffer spillages and salt deposits.

Features and benefits

- Material is very strong, making it tear resistant, wet or dry.
- Smooth white surface can be written on with ink or pencil and lies flat.
- Suitable for saturation with disinfectant to protect benches where pathogens and other bacteria are present.
- Use polyethylene side up to collect deposits without absorption.
- Paper side quickly absorbs liquid spills, preventing liquids from going through to the work surface.
- Spillages are trapped in the absorbent paper.
- Benchkote™ can be incinerated after use; the polyethylene layer does not melt or drip but is rapidly consumed in the flames.

Applications

- Containing radiochemical spillage and avoiding contamination.
- Recovering spillage of expensive materials.
- Protecting hard surfaces to lessen impact.
- Water or solvent wick for humidity chambers.
- Lining of chemical cabinets, laboratory bench drawers, and laboratory hoods.

ÄKTA™ Avant

Benchkote Surface protector

Benchkote HSN Code: 48115990 | GST: 18%

Cat. Nos	Description	INR Price
2300-594	Benchkote Pad 46X57CM 50/PK	22440
2300-599	Benchkote Pad 460X570MM 50 PK/PAD	8250
2300-916	Benchkote Sheet 46x57CM 50/PK	5710
2300-917	Benchkote Sheet 46x57CM 100/PK	10450
2300-731	Benchkote 46CMX50M Filter Reel	10830
2300-772	Benchkote 92CMX50M Filter Reel	36110

Benchkote Plus HSN Code: 48115990 | GST: 18%

Cat. Nos	Description	INR Price
2301-6150	Benchkote Plus Sheet 50x60CM 50/PK	10580
2301-6160	Benchkote Plus Reel 60x50M 1/PK	17280

Benchkote sheet for ÄKTA pure HSN Code: 48115990 | GST: 18%

Cat. Nos	Description	INR Price
2300-10060	Benchkote sheet for ÄKTA pure 10/PK	2610
2300-10061	Benchkote sheet for ÄKTA pure 25/pk	3760
2300-10062	Benchkote sheet for ÄKTA pure 50/pk	5640

Benchkote sheet for ÄKTA start HSN Code: 48115990 | GST: 18%

Cat. Nos	Description	INR Price
2300-10063	Benchkote sheet for ÄKTA start 10pk	1720
2300-10064	Benchkote sheet for ÄKTA start 25/pk	2350
2300-10065	Benchkote sheet for ÄKTA start 50/pk	3450

Benchkote sheet for ÄKTA avant HSN Code: 48115990 | GST: 18%

Cat. Nos	Description	INR Price
2300-10072	Benchkote sheet for ÄKTA avant 10/PK	3920
2300-10073	Benchkote sheet for ÄKTA avant 25/PK	6260
2300-10074	Benchkote sheet for ÄKTA avant 50/PK	10960

Benchkote sheet for ÄKTA go HSN Code: 48115990 | GST: 18%

Cat. Nos	Description	INR Price
2300-10092	Benchkote sheet for ÄKTA go 10/PK	2140
2300-10093	Benchkote sheet for ÄKTA go 25/PK	3060
2300-10094	Benchkote sheet for ÄKTA go 50/PK	4740

Weighing papers

Kjeldahl weighing boats

Transfer your samples completely loss-free by simply dropping the entire weighing boat containing the sample into the acid solution in the Kjeldahl flask/digestion tube.

Features and benefits

- Excellent for weighing and transferring Kjeldahl samples safely and reliably
- Dissolves residue-free in the digestion solution without influencing the analytical results in any way
- Made from very low nitrogen parchment paper without any glue or additives

Kjeldahl analysis weighing boat

Parchment paper

Features and benefits

- Transparent and smooth
- Simplifies sample transfer
- Quantitative transfer from paper

Weighing Boat **HSN Code: 48239090 | GST: 18%**

Cat. Nos	Description	INR Price
10313032	609 KJELDAHL 55x10x10MM 100/PK	18630

Weighing Paper **HSN Code: 48239090 | GST: 18%**

Cat. Nos	Description	INR Price
10347893	2122 100x100MM 500/PK	10190
10347890	2122 150x150MM 500/PK	19730
10347671	B2 76x76MM 500/PK	6190
10347672	B2 101.6x101.6MM 500/PK	6190
10347673	B2 152.4x152.4MM 500/PK	6190
10347670	B2 304.8x304.8MM 500/PK	15650

Phase separator paper

Whatman™ 1PS phase separator is a high-grade filter paper impregnated with a stabilized silicone that renders it hydrophobic, retaining the aqueous phase and passing the solvent phase through.

Features and benefits

- Ease of use—no special training required.
- Any number of separations can be processed together.
- Staff involvement in routine separations is at a minimum.

1PS Phase separator papers

1PS phase separators **HSN Code: 48232000 | GST: 18%**

Cat. Nos	Description	INR Price
2200-070	1PS 7.0CM 100/PK	6020
2200-090	1PS 9.0CM 100/PK	5160
2200-110	1PS 11.0CM 100/PK	7870
2200-125	1PS 12.5CM 100/PK	6710
2200-150	1PS 15CM 100/PK	12770
2200-185	1PS 18.5CM 100/PK	19730
2200-240	1PS 24CM 100/PK	31730
2200-270	1PS 27CM 100/PK	39590
2200-654	1PS 40MMx50M 5/PK	116330

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for demo video

Lens cleaning tissue

Lenses and other optical surfaces made from glass, quartz or plastic can be easily scratched if you do not clean them with a very soft surface. High-quality Whatman™ lens cleaning tissue provides the solution. The tissue is chemically pure and free from silicones and other additives. Most importantly it can be relied on to safely remove surface moisture and grease.

Lens cleaning tissue

Features and benefits

- Soft texture will not damage lenses or optical surfaces.
- Chemically pure tissue is free from silicones and other additives.
- High absorbency ensures the safe removal of surface moisture and grease.
- Thickness 0.035 to 0.040 mm.
- Very strong and leaves no fibers.

Lens Cleaning Tissue **HSN Code: 48189000 | GST: 18%**

Cat. Nos	Description	INR Price
2105-841	105 10x15CM 25x25/PK LENSTISSUE	7390
2105-862	105 20x30CM 100/PK LENSTISSUE	2480
2105-918	105 46x57CM 500/PK LENSTISSUE	28500

pH Indicator and test papers

Whatman™ pH indicator and test papers combine ease of use with exceptional accuracy and consistency. The convenience of using indicator papers for the rapid determination of pH values has led to many applications in laboratories and industry.

Features and benefits

- Instant pH readings
- Accurate for a wide range of routine pH testing
- Inexpensive
- Convenient and portable for field use

pH indicators

pH indicators

Strips type CF (color bonded dye system)
Individual plastic support strips carry four different segments of dye-impregnated indicator papers. The resulting combination of color differences gives an extremely clear and accurate visual pH value. All the dyes are chemically bonded to the paper and cannot be leached into solution; problems associated with contamination of the sample and resultant anomalous readings are avoided.

Acid-alkali test papers

Litmus blue and litmus red
These easy-to-use test papers facilitate a general test for acid or alkaline reaction. The change occurs around pH 5-8. They are particularly recommended for educational use.

Congo red
This test paper changes color from blue to red in the range pH 3-5 for the determination of neutralization point in strong acid/weak alkali reactions.

Phenolpthalein
This white paper changes to pink at pH 8.3 and becomes red at pH 10. It is useful for the determination of the neutralization point in weak acid/strong alkali reactions.

pH Indicator and test papers HSN Code: 38220090 | GST: 18%

Cat. Nos	Description	INR Price
2613-991	PH IND pH 0-14 6x80MM 100/PK	2930
2614-991	PH IND pH 4.5-10 6X80MM 100/PK	2930
2612-990	PH IND pH 1-12 11x100MM 200/PK	5050
2626-990	PH IND pH1.8-3.8 11x100MM200PK	4310
2627-990	PH IND pH3.8-5.5 11x100MM200PK	4310
2628-990	PH IND pH5.2-6.8 11x100MM200PK	4310
2629-990	PH IND pH6-8.1 11x100MM 200/PK	4310
2630-990	PH IND pH8-9.7 11x100MM 200/PK	4310
2631-990	PH IND pH9.5-12 11x100MM 200PK	4470
2611-628	PH IND pH 1-11 10MMx5M 1/RL	3700
2600-100A	PH IND pH 1-14 7MMx5M 1/RL	1630
2600-101A	PH IND pH 0.5-5.5 7MMx5M 1/RL	2310
2600-102A	PH IND pH 4-7 7MMx5M 1/RL	2310
2600-103A	PH IND pH 6.4-8 7MMx5M 1/RL	2310
2600-104A	PH IND pH 8-10 7MMx5M 1/RL	2310
2600-500	PH IND pH 1-11 10x10/PK	14030
2600-201A	LITMUS PAPER BLUE 7MMx5M 1/RL	2310
2600-202A	LITMUS PAPER RED 7MMx5M 1/RL	2310
2600-204A	PHENOLPHALEIN 7MMX5M 1/RL	2230
2600-601	LITMUS PAPER BLUE 10x20/PK	9710
2600-602	LITMUS PAPER RED 10x20/PK	9710

pH Indicator and test papers HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
10362000	PANPH PLUS 6x85MM 100/PK 0-14	2970
10362010	PANPEHA PLUS 6x85MM 100/PK 2-9	3090
10360005	PANPEHA 112 9x85MM 200/PK	4640
10362030	PANPEHA 7MMx5M 1/PK PH1-11	2970

Specialized test papers

Lead acetate test paper

Used for detecting hydrogen sulfide, this rapid qualitative test paper, when wetted with distilled water, can detect as little as 5 ppm of H_2S in the atmosphere or in a gas stream. Hydrogen peroxide can be detected with this paper by preblackening the paper in H_2S. Concentrations as low as 4 ppm can be detected.

Potassium iodide test paper
Used for detecting chlorine and other oxidizing agents. In acid solution, oxidizing agents react with the iodide in the test paper to liberate iodine. The paper will turn blue in the presence of an oxidizing agent (e.g. Cl_2, Br_2, H_2O_2, HNO_2 etc.).

Universal indicator papers
Universal indicator papers have been impregnated with a mixture of several indicators. On contact with the sample solution they assume a particular color. A check against the color comparison table supplied allows the pH to be determined.

Ignition Strength Paper — **HSN Code: 48232000 | GST: 18%**

Cat. Nos	Description	INR Price
1002-147	GR 2 15.0CM IP CERT 100/PK	8680

Ashless Clippings — **HSN Code: 48232000 | GST: 18%**

Cat. Nos	Description	INR Price
1703-050	ASHLESS CLIPPINGS 500g/PK	6770

Antibiotic assay discs — **HSN Code: 48239090 | GST: 18%**

Cat. Nos	Description	INR Price
2017-006	AA DISCS 6MM/1000/PK	10060
2017-009	AA DISCS 9MM 1000/PK	34690
2017-013	AA DISCS 13MM 1000/PK	15860

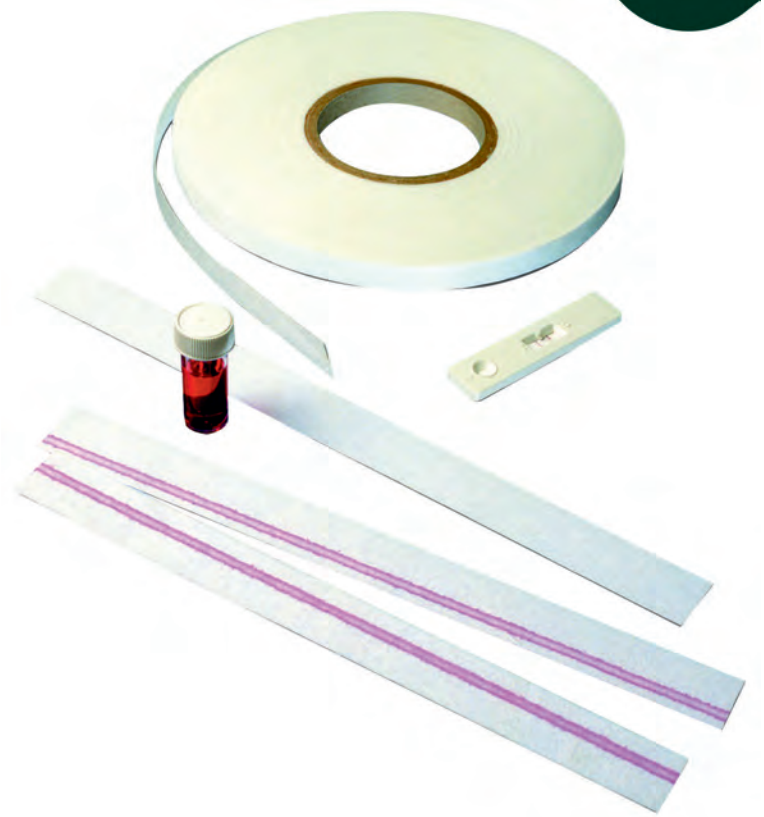
Moisture test — **HSN Code: 70199090 | GST: 18%**

Cat. Nos	Description	INR Price
5401-090E	MOISTURE TEST 90MM 100/PK	9960

Diagnostic assay components

07

Cytiva offers a wide selection of high performance, customizable components and solutions for immunoassay and molecular diagnostic applications. Our extensive product range includes components for lateral-fl ow and fl ow-through assays, track-etched membranes for microbiological applications and sample collection cards. Our team of support experts can help you select the best-suited technologies and optimize components for your diagnostic assay.



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for product details

Point-of-care immunoassays

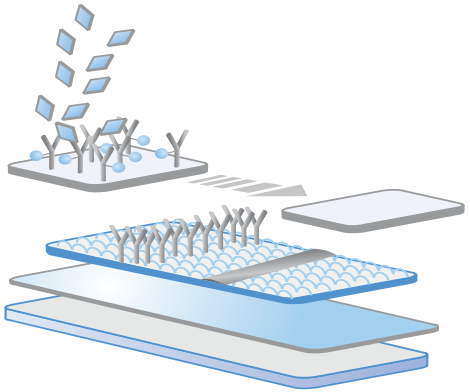
Rapid point-of-care (POC) tests are among the most widely used analytical technologies in diagnostics. Offering high performance, ease of use and cost effectiveness, diagnostic rapid tests can deliver semiquantitative or quantitative results. Point-of-care immunodiagnostic assays can include:

- **Lateral-flow immunoassays**
- **Flow-through immunoassays**
- **Dipstick colorimetric assays**

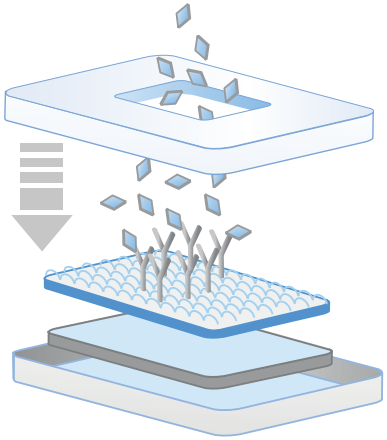
Cytiva provides a range of technology components for point-of-care immunodiagnostic assays. We produce a comprehensive range of cellulose and glass fiber substrates and nitrocellulose membranes to an assured quality, ensuring accurate and reproducible results.

FF120HP membranes

Lateral-flow immunoassays



Flow-through immunoassays



Dipstick colorimetric assays

Lateral-flow immunoassays

With a diverse array of products, Cytiva is one of the leading suppliers in lateral-flow technology. Our offering includes our wide range of blood separation products, conjugate release pads, nitrocellulose membranes, and absorbents.

Developments in lateral-flow immunoassay systems allow for single step assays that require only the addition of a sample. The sample flows through the device and comes into contact with dried reagents, usually a tagged secondary antibody. The antibody and analyte migrate to a capture zone of membrane-immobilized antibody. Any unreacted tagged antibody flows past the capture zone.

Absorbent pad CF4

Flow-through immunoassays

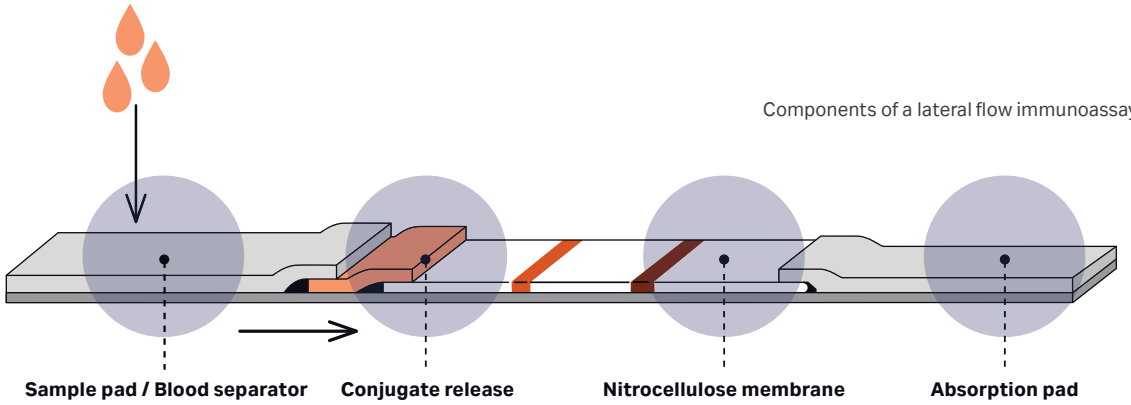
In a flow-through immunoassay the sample is applied directly to the membrane surface and allowed to wick through the membrane into an absorbent paper below.

Nitrocellulose membranes

Small-pore unsupported membranes such as BA83 and BA85 can be used; they are highly sensitive small-pore membranes with large surface area and high protein binding capacity. However, they have to be carefully encapsulated, ensuring good contact between the membrane and the absorbent, to give good flow**.**

Features and benefits

- Manufactured for vertical-flow assays: Removes problems caused by capillary rise
- Small pore structure: Accurate results; low nonspecific binding; greater sensitivity
- One hundred percent pure nitrocellulose: Provides high binding capacity



Components of a lateral flow immunoassay

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Lateral flow starter packs HSN Code: 70199000 | GST: 18%

Cat. Nos	Description	INR Price
29363634	LFA Starter Pack-CF/GF Pads	28900
29428668	LFA Starter Pack-CF/GF+NC	67140

Lateral flow starter packs HSN Code: 39269049 | GST: 18%

Cat. Nos	Description	INR Price
13549210	LFA Starter Pack-NC Membranes	64940

Cellulose Pads HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR Price
8111-2250	CF1, 22 mm x 50m	17360
8112-2250	CF2, 22 mm x 50m	17110
8113-2250	CF3 22 mm x 50m	18560
8113-2750	CF3, 27 mm x 50M	5020
8114-1250	CF4, 12 mm x 50m	33420
8114-2250	CF4 22 mm x 50m	18230
8115-1750	CF5, 17 mm x 50m	16860
8115-2250	CF5 22 mm x 50m	18230
8115-2750	CF5 27 mm x 50m	25670
8116-1750	CF6 17 mm x 50m	18140
8116-2250	CF6 22 mm x 50m	18370
8116-2750	CF6 27 mm x 50m	39360
8117-1250	CF7, 12 mm x 50m	9580
8117-2250	CF7 22 mm x 50m	18560
11129670	GR 2 270 mmx200M 1/RL	30720

Bounded Glass Pads/Blood Seperator HSN Code: 70199000 | GST: 18%

Cat. Nos	Description	INR Price
8121-1250	LF1 12 mm x 50m	5930
8121-1750	LF1 17 mm x 50m	14930
8122-1250	MF1 12 mm x 50m	5480
8122-1750	MF1 17 mm x 50m	10720
8122-2250	MF1 22 mm x 50m	17360
8123-1750	VF1 17 mm x 50m	17680
8124-1750	VF2 17 mm x 50m	13540
8145-1250	GF/DVA 12 mm x 50m	6710
8145-1750	GF/DVA 17 mm x 50m	14830
8145-2250	GF/DVA 22 mm x 50m	18900
8151-6755	FUSION5 6 mm x 50m	88060
8151-9915	FUSION5 22 mm x 50m	17510
8134-2750	STD17 27 mm x 50m	24530
8131-1250	Rapid 24 12 mm x 50m	19390
8131-1750	Rapid 24 17 mm x 50m	32620
8131-2250	Rapid 24 22 mm x 50m	22360
8132-2250	Rapid 27 22 mm x 50m	20310
8132-2750	Rapid 27 27 mm x 50m	17910

Bounded Glass Pads/Blood Seperator HSN Code: 70193900 | GST: 18%

Cat. Nos	Description	INR Price
8133-1250	STD14 12 mm x 50m	4910
8133-1750	STD14 17 mm x 50m	10420
8133-2250	STD14 22 mm x 50m	17600

Bounded Glass Pads/Blood Seperator HSN Code: 70195900 | GST: 18%

Cat. Nos	Description	INR Price
8133-2750	STD14 27 mm x 50m	11070
8134-1250	STD17 12 mm x 50m	14260
8134-1750	STD17 17 mm x 50m	9670
8134-2250	STD17 22 mm x 50m	18560

Bounded Glass Pads/Blood Seperator HSN Code: 38220000 | GST: 12%

Cat. Nos	Description	INR Price
10537200	ACCUFLOW G 20 mm x 75m	51740

Unbacked NC Membranes HSN Code: 39207990 | GST: 18%

Cat. Nos	Description	INR Price
10548109	AE98 25 mm x 50M 1/pk	45300
10548081	AE99 25 mm x 50m 1/pk	23270
10549867	AE100 25 mmx50M 1/PK	28190

Backed NC Membranes HSN Code: 39207990 | GST: 18%

Cat. Nos	Description	INR Price
10549713	PRIMA 40 Roll 25 mm x 50M	40940

Backed NC Membranes HSN Code: 39211900 | GST: 18%

Cat. Nos	Description	INR Price
78336403	Immunopore FP, 25 mm x 50m	41840
78356403	Immunopore RP, 25 mm x 50m	33110
10549606	Immunopore XP, 25 mm x 50m	41280
10547119	FF80HP PLUS 25MMx100M 1/PK	56690
10547121	FF80HP PLUS 20MMx100M 1/PK	47620
10547128	FF80HP PLUS LAM 60(25)x300mm 100/PK	58170
10547155	FF80HP PLUS THICK 20MMx100M 1/PK	49260
10547156	FF80HP PLUS THICK 25MMx100M 1/PK	58610

Bounded Glass Pads/Blood Seperator HSN Code: 70195900 | GST: 18%

Cat. Nos	Description	INR Price
10547154	FF80HP PLUS THICK 60(25)X300MM 25/PK	18180
10547006	FF120HP 20 mm x 50m 1/pk	20900
10547001	FF120HP 25 mm x 50m 1/pk	15300
10547021	FF120HP Lam 60x300 mm pk/100	58170
10547125	FF120HP PLUS 25MMx100M 1/PK	54920
10547126	FF120HP PLUS 20MMx100M 1/PK	47620
10547129	FF120HP PLUS LAM 60(25)x300MM 100/PK	58170
10547152	FF120HP PLUS THICK 20MMx100M 1/PK	49260
10547149	FF120HP PLUS THICK 25MMx100M 1/PK	68020
13547202	FF120HP PLUS THICK 60(25)X300MM PK/25	18180
10547043	FF170HP PLUS 20MMx50M 1/PK	23810
10547044	FF170HP PLUS 25MMx50M 1/PK	28630
10547142	FF170HP PLUS LAM 60(25)x300mm 100/PK	58170
10547153	FF170HP PLUS THICK 20MMx100M 1/PK	49260
10547147	FF170HP PLUS THICK 25MMx100M 1/PK	68020
13547203	FF170HP PLUS THICK 60(25)X300MM PK/25	18180

Backed NC Membranes HSN Code: 84212980 | GST: 18%

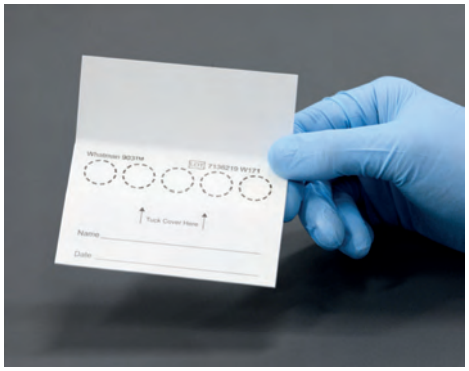
Cat. Nos	Description	INR Price
10547002	FF80HP 20 mm x 50m 1/pk	19390
10547003	FF80HP 25 mm x 50m 1/pk	25100
10547020	FF80HP Lam 60x300 mm pk/100	56770
10547004	FF170HP 20 mm x 50m 1/pk	19630
10547005	FF170HP 25 mm x 50m 1/pk	23270
10547023	FF170HP Lam 60x300 mm pk/100	56770

LFA Backing Card HSN Code: 39199090 | GST: 18%

Cat. Nos	Description	INR Price
10547158	LFA BACKING CARD 60X300MM 50/PK	25960

Sample collection cards

Whatman™ 903™ Proteinsaver cards are non-chemically treated absorbent filter papers for easy, convenient collection and in-vitro storage of blood and other biological fluids. The 903™ card can be transported and stored without refrigeration.

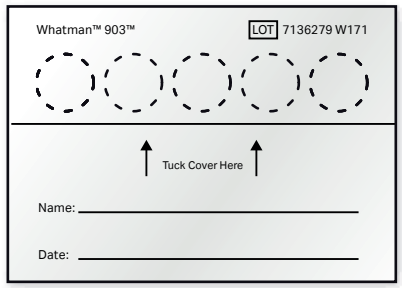


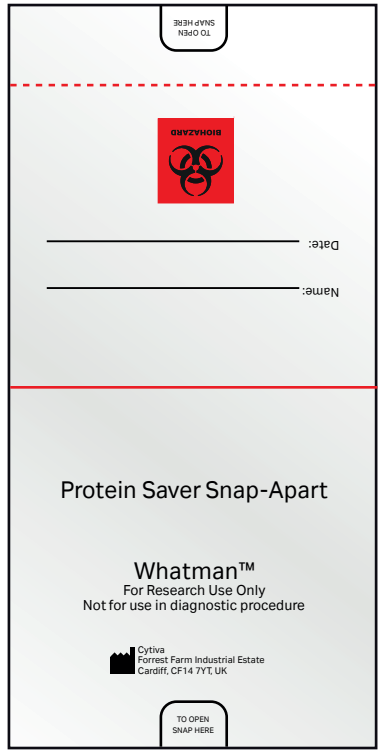
Whatman™ 903™ Proteinsaver Card

903™ cards

- Non-chemically treated paper
- DNA not bound to paper
- Used for collection and storage of blood or other biological fluids
- Does not require refrigeration

Popular catalog Whatman™ 903™ Proteinsaver cards products





Whatman 903 **HSN Code: 48239090 | GST: 18%**

Cat. Nos	Description	INR Price
10534612	903 PROTEINSAVER US 100/PK	16910
10531018	903 PROTSAVER 5 SPOT 100/PK	16910
10534320	PROTEINSAVER SNAP APART 100PK	16960
10530138	PERFORATED 903 5 SPOT 20/PK	510
10535097	CF12 210X297MM 100PK	36130
10538017	CF12 46X57 mm 100PK	77700
10538018	CF12 58X58CM 100PK	64940

Accessories **HSN Code: 39269099 | GST: 18%**

Cat. Nos	Description	INR Price
10539521	DRYING RACK WITH VELCRO 10/PK	6270
10548232	PLASTIC ZIPLOCK BAG 100/PK	2690
10534321	Foil Ziplock Biohazard Bag	4480

Whatman™ laboratory filtration.
The name says quality and innovation.
The products bring efficiency and deliver reliable results for research labs, quality control and field applications.

For any queries, contact your local Whatman™ representative at the numbers mentioned below or write to

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