

2026 Lab Filtration Pricebook

Delivering therapeutics to patients, backed by our
Whatman™ and Pall filter solutions



- All India consumables INR list price effective from 1st April, 2026 / Ref.CLF/April 2026
- Prices mentioned are excluding GST



**Cytiva
Hyclone Life Sciences
Solutions India Private Limited**

Registered office:

Galileo, John F. Welch Technology Centre,
122, EPIP Zone, Phase II, Hoodi Village, Whitefield Road,
Bengaluru - 560066, Karnataka, India
Email: supportdesk.india@cytiva.com
CIN: U24304KA2019PTC126720

We, Hyclone Life Sciences Solutions India Pvt. Ltd., a part of Cytiva would like to bring to your attention that following is the registered Trademark in India, which is owned by Cytiva entity.

Whatman™

The above Trademark 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 Cytiva entities and marketed in India by Hyclone Life Sciences Solutions India Pvt. Ltd.

It has from time to time come to our notice that some third parties, which are not part of Cytiva, occasionally try to manufacture and sell spurious goods under the above Trademark by making their products and packaging look like products manufactured by Cytiva. In certain cases, Whatman filter paper specifications and the grading notations similar to Whatman were used to misguide the trade and public. This is considered objectionable by Cytiva and Hyclone Life Sciences Solutions India Pvt. Ltd who have taken action successfully against such traders in India for selling spurious goods. The spurious goods were seized and destroyed, and damages were recovered. We want to bring the above to your attention 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.

A handwritten signature in black ink that reads 'Mita'.

**Mita
Director, Discovery - South Asia**

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

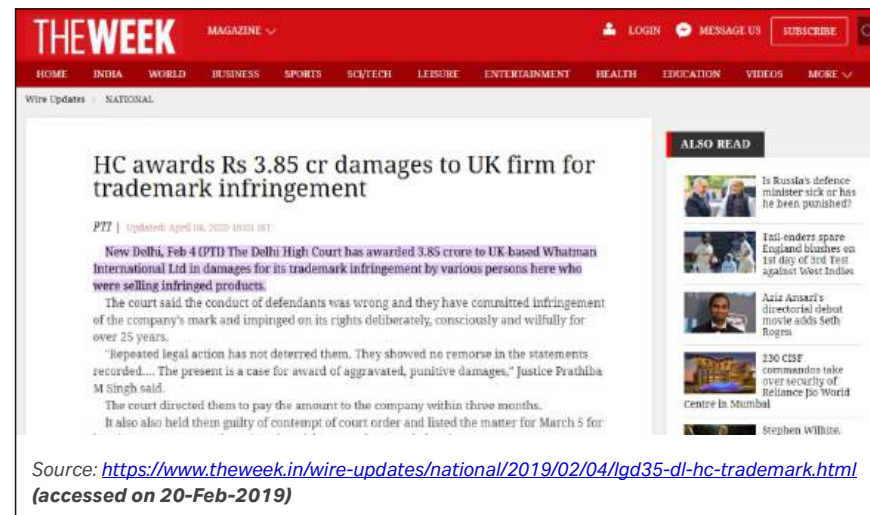
We would like to bring some recent facts to your attention about the Whatman™ registered Trade Mark in India. Whatman range of products have been a preferred choice of filter papers across industry and academia, acquired a very high reputation over time by virtue of its quality.

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.

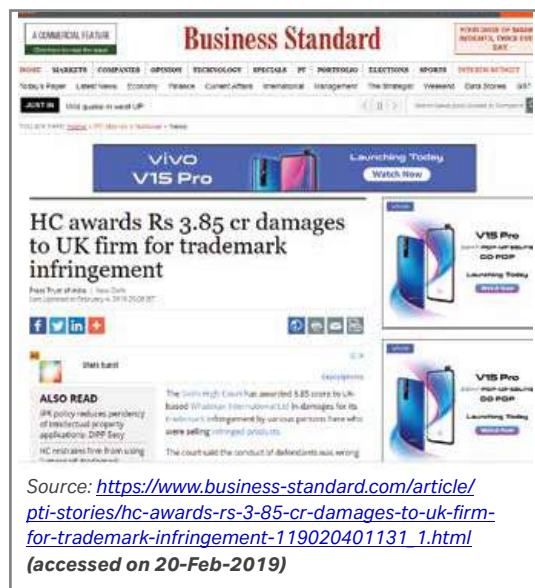
We wish to encourage you to write to us at supportdesk.india@cytiva.com for any feedback and in the event, you come across any spurious products bearing Whatman Trade Mark. Thank you for your continuous support for the Whatman range of products.

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



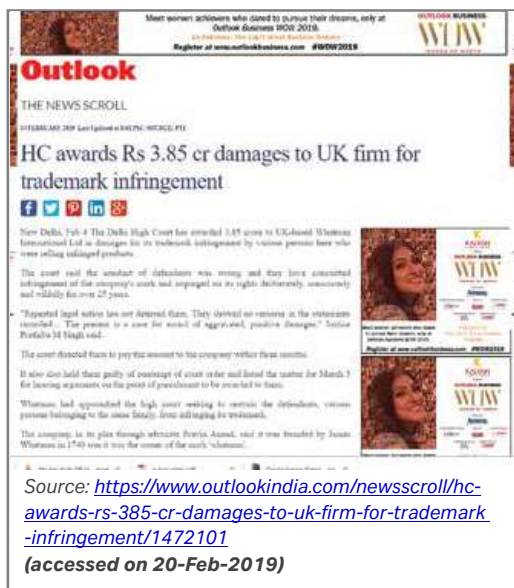
The screenshot shows the homepage of 'THE WEEK' magazine. The main article is titled 'HC awards Rs 3.85 cr damages to UK firm for trademark infringement'. The article text states: 'New Delhi, Feb 4 (PTI) The Delhi High Court has awarded 3.85 crore to UK-based Whatman International Ltd in damages for its trademark infringement by various persons here who were selling infringed products. The court said the conduct of defendants was wrong and they have committed infringement of the company's mark and impinged on its rights deliberately, consciously and wilfully for over 25 years. "Repeated legal action has not deterred them. They showed no remorse in the statements recorded... The present is a case for award of aggravated, punitive damages," Justice Prathiba M Singh said. The court directed them to pay the amount to the company within three months. It also held them guilty of contempt of court order and listed the matter for March 5 for...'

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



The screenshot shows the homepage of 'Business Standard'. The main article is titled 'HC awards Rs 3.85 cr damages to UK firm for trademark infringement'. The article text states: 'New Delhi, Feb 4 The Delhi High Court has awarded 3.85 crore to UK-based Whatman International Ltd in damages for its trademark infringement by various persons here who were selling infringed products. The court said the conduct of defendants was wrong and they have committed infringement of the company's mark and impinged on its rights deliberately, consciously and wilfully for over 25 years. "Repeated legal action has not deterred them. They showed no remorse in the statements recorded... The present is a case for award of aggravated, punitive damages," Justice Prathiba M Singh said. The court directed them to pay the amount to the company within three months. It also held them guilty of contempt of court order and listed the matter for March 5 for...'

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)



The screenshot shows the homepage of 'Outlook India'. The main article is titled 'HC awards Rs 3.85 cr damages to UK firm for trademark infringement'. The article text states: 'New Delhi, Feb 4 The Delhi High Court has awarded 3.85 crore to UK-based Whatman International Ltd in damages for its trademark infringement by various persons here who were selling infringed products. The court said the conduct of defendants was wrong and they have committed infringement of the company's mark and impinged on its rights deliberately, consciously and wilfully for over 25 years. "Repeated legal action has not deterred them. They showed no remorse in the statements recorded... The present is a case for award of aggravated, punitive damages," Justice Prathiba M Singh said. The court directed them to pay the amount to the company within three months. It also held them guilty of contempt of court order and listed the matter for March 5 for...'

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



The screenshot shows the homepage of 'Live Law'. The main article is titled 'Delhi HC Awards Punitive Damages Of 3.85 Crores To UK Firm For Continued Trademark Infringement'. The article text states: 'The Delhi High Court has awarded 3.85 crore in damages to UK-based Whatman International Ltd for infringement of its trademark, W115118A, by various persons. The order was passed by Justice Prathiba M Singh, who observed, "The defendants have caused enormous loss to the Plaintiff in the form of not only selling but also the illegal gain made from the sale of the infringing goods. The defendants have also caused...'

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

Lab filtration: An environmental perspective

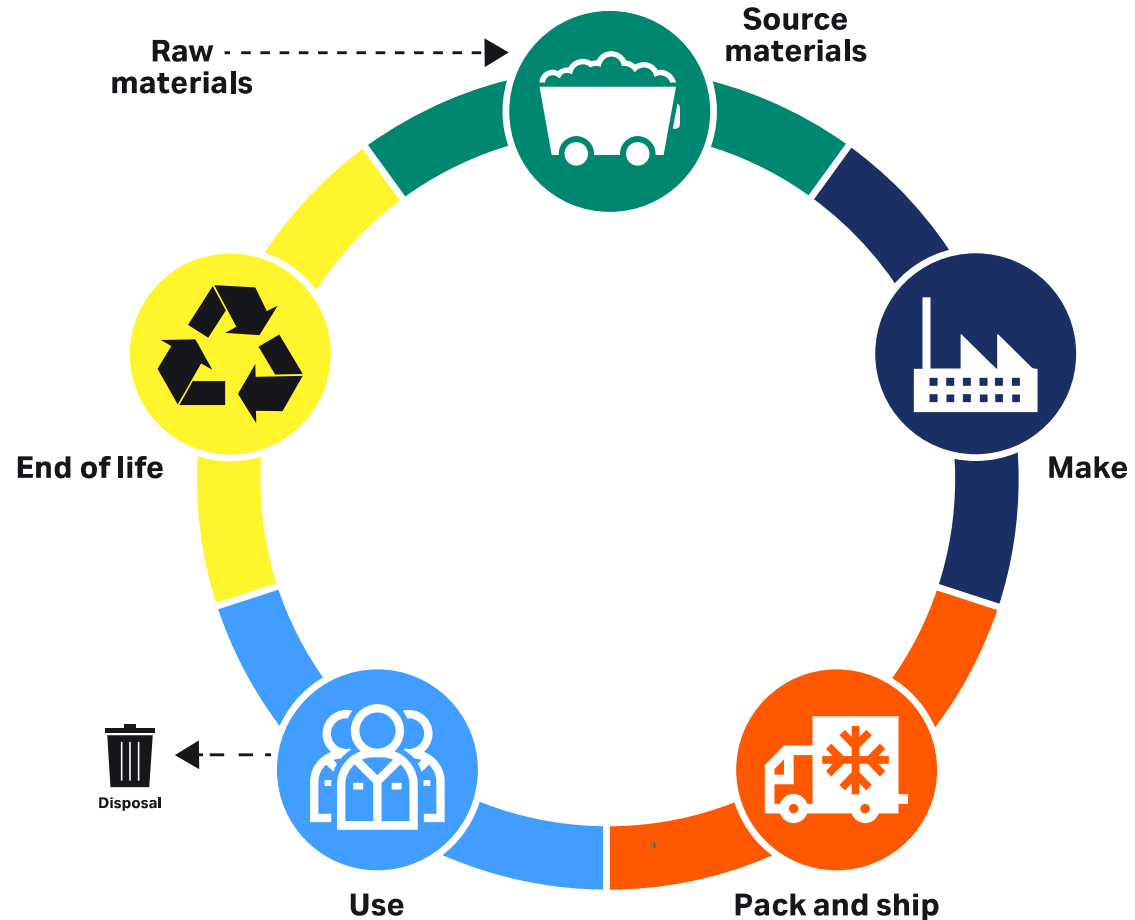
Unleashing the power of life cycle management

Since 1733, Cytiva's lab filtration businesses of Whatman and Pall (since 1946) have been positively impacting society and the environment through the way our products have been used in research, manufacturing, quality, and testing.

Now we are prioritizing how we incorporate eco-design principles into every phase of our lab filtration products to reduce the environmental footprint. We set a goal to complete product carbon footprints (PCF) on 20% of our top products (by revenue) in 2025.

We will only succeed if we work together across the full value chain, suppliers and customers both. ~95% of our carbon emissions are Scope 3 emissions with raw materials and distribution being the primary categories. As of Q4 2024, 81% of our direct spend has been EcoVadis assessed. Also, we are actively sourcing biobased feedstock for plastic alternatives to reduce our dependence on virgin fossil fuels and the carbon impact of that plastic.

Cytiva is committed to decarbonizing our products, processes and ways of working to ensure we meet our current and future sustainability goals.





Raw materials

We recognize the importance of what material we are choosing and how much we are using when designing products. We must pursue materials with a reduced environmental impact, ensure responsible sourcing and preserve labour and human rights.

With that in mind, we've identified multiple processes where waste has been eliminated during syringe filter production. We are also pursuing certification through ISCC for bio-based polypropylene alternatives in 2025.



Manufacturing

Manufacturing filtration devices uses a lot of energy and water, and this is conducted at four primary facilities: China, England, Germany, and Puerto Rico. At each site we look to improve operational efficiencies, for example:

- China has invested more than \$3 million to improve water efficiency and has reduced water consumption by more than 80%

15%

of Benchkote product raw materials are offset by reuse of wastepaper.

1/4

of the size of typical filters. VacuCap filters are designed with 80% less plastic to dispose.

72%

Mini-UniPrep plastic reduction in setup vs standard filter setup.

100%

of our filtration manufacturing sites run on renewable electricity.

>6.5g

plastic eliminated via manufacturing design change of cold to hot runners at Cardiff & Dassel.

112

tons emissions reductions in CO₂ at Cardiff in 2024.



Distribution

Over the past few years, we've had multiple projects supporting the transition to more sustainable business practices, with a big focus on packaging.

Through analysis of our plastic use, from shrink wrap to heavy jars, we're identifying ways to eliminate plastic and make our packaging easier to recycle.

"By refining and perfecting our packaging, we cultivate a new narrative for sustainability, where each thoughtful gain collectively lights the way to a brighter, sustainable world." — H. Gee-Wing, Engineering



Use and end of life

Understanding how you are using and disposing of your lab filtration devices can provide Cytiva crucial insights on how best to design more environmentally-friendly products in the future.

Connect with us today if you're interested in collaborating on product design.

20%

reduction in plastic packaging at our Tonglu site.

7

tonnes of CO₂ emissions saved by removing plastic shrink wrap in ~200 products in our device portfolio.

> 3.5

tonnes CO₂ emissions saved by replacing hard plastic with cardboard cartons.

650 000

filtration devices recycled since 2022.

2.2

tons of CO₂ saved by transferring instructions-for-use to the website.

Fostering

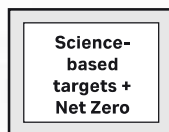
collaboration and transparency across the value chain.

Our commitment to sustainability

Our impact to the United Nations Sustainable Development Goals



Thriving people, thriving planet, a resilient business. For Cytiva, these three aims are deeply connected. Achieving them is our ambition and our responsibility. That's why we commit to integrating respect for people and care of the environment in our decisions in ways that have a lasting impact on society, our customers, patients, and Cytiva associates.



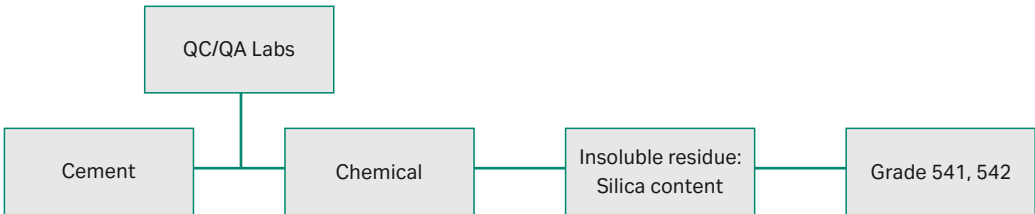
This statement of our commitment to sustainability reflects our support of the UN Global Compact and its 10 principles on human and labor rights, environmental protection, and anti-corruption. It is echoed in relevant policies, procedures and strategic priorities across Cytiva.

Want to learn more?
cytiva.com/sustainability

Which Whatman™ paper grade to use for your cement tests:

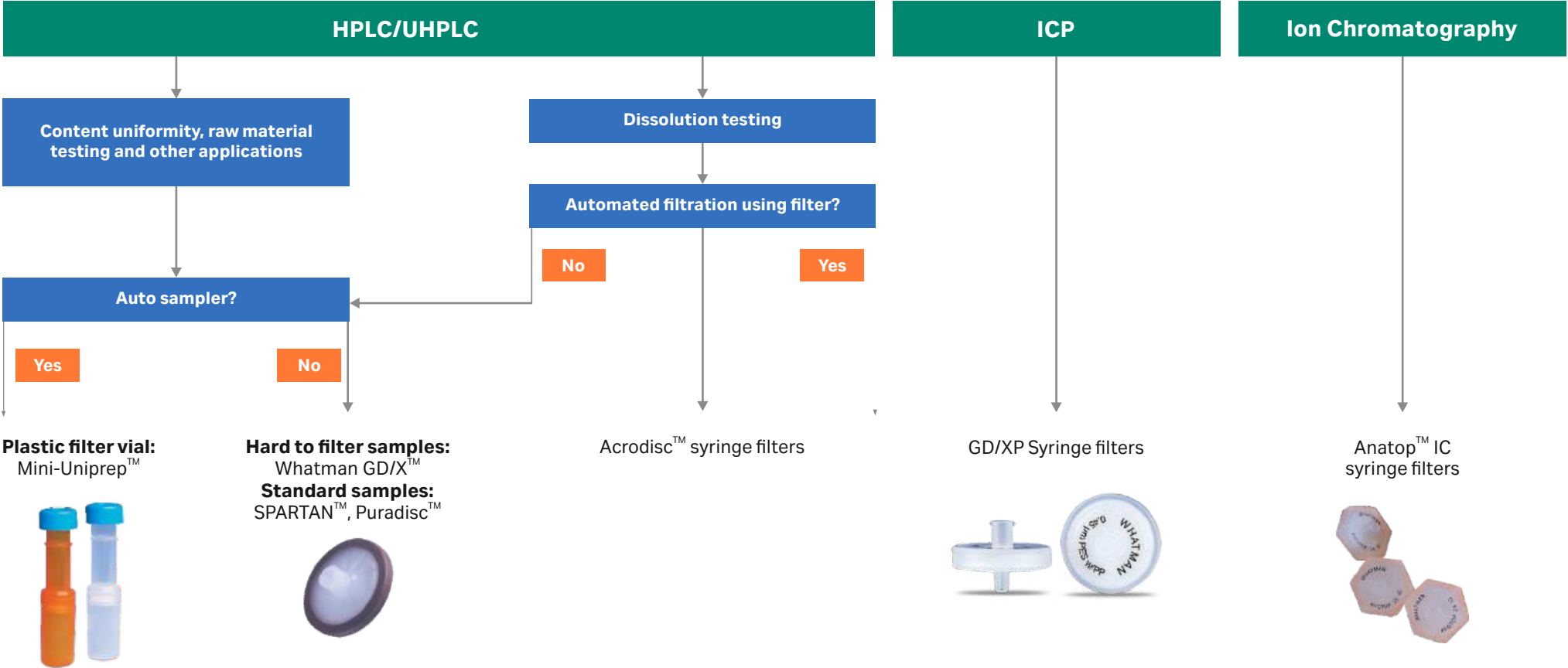
Gravimetric analysis tests for cement applications

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



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 - Strengthened											
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)	

Cytiva™ Protein chromatography sample and buffer filtration kit

Optimize protein purification with laboratory filtration solutions

Protein samples are essential for discovering new therapeutics and understanding disease pathways, however impurities can compromise results, clog columns, and damage instruments. Effective filtration is key to maintaining accuracy and protecting your workflow.

Cytiva's all-in-one Protein chromatography sample and buffer filtration kit simplifies sample prep by removing containmants, safeguarding equipment, and delivering publication-ready results. Designed to work seamlessly with our chromatography resins and ÄKTA™ systemsm it's the ideal solution for reliable protein purification.



Cytiva protein chromatography sample and buffer filtration starter kit

HSN code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price*
2977	LAB FILTRATION KIT FOR AKTA	58,420



Scan the QR code to know more or order the Cytiva protein chromatography sample and buffer filtration kit.

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			HSN code: 48232000 GST: 18%
Cat. Nos	Description	INR List Price*	
1001-0155	GR 1 1.5CM 500/PK	8,700	
1001-020	GR 1 2.0CM 400/PK	8,120	
1001-025	GR 1 2.5CM 400/PK	7,280	
1001-030	GR 1 3.0CM 400/PK	7,680	
1001-032	GR 1 3.2CM 100/PK	1,960	
1001-042	GR 1 4.25CM 100/PK	1,980	
1001-045	GR 1 4.5CM 100/PK	1,200	
1001-047	GR 1 4.7CM 100/PK	1,980	
1001-055	GR 1 5.5CM 100/PK	2,080	
1001-070	GR 1 7.0CM 100/PK	2,050	
1001-082	GR 1 8.2CM 100/PK	2,930	
1001-085	GR 1 8.5CM 100/PK	2,430	
1001-090	GR 1 9.0CM 100/PK	1,730	
1001-110	GR 1 11.0CM 100/PK	1,890	
1001-125	GR 1 12.5CM 100/PK	2,140	
1001-150	GR 1 15.0CM 100/PK	2,510	
1001-185	GR 1 18.5CM 100/PK	3,760	
1001-240	GR 1 24.0CM 100/PK	8,040	
1001-270	GR 1 27.0CM 100/PK	9,370	
1001-320	GR 1 32.0CM 100/PK	10,050	
1001-325	GR 1 2.5CM 100/PK	1,950	
1001-329	GR 1 3.0CM 100/PK	1,920	
1001-385	GR 1 38.5CM 100/PK	27,300	
1001-400	GR 1 40.0CM 100/PK	22,640	
1001-500	GR 1 50.0CM 100/PK	34,520	
1001-6508	GR 1 1.0CM 500/PK	9,560	
1001-824	GR 1 7.5X10CM 500/PK	16,430	

Filter papers

Cellulose filter papers

Grade 1			HSN code: 48054000 GST: 18%
Cat. Nos	Description	INR List Price*	
1001-917	GR 1 46X57CM 100/PK	20,530	
1001-918	GR 1 46X57CM 500/PK	74,630	
1001-929	GR 1 60X60CM 100/PK	37,500	
1001-931	GR 1 58X68CM 100/PK	45,430	
1001-932	GR 1 58X68CM 500/PK	1,68,530	

Grade 2			HSN code: 48232000 GST: 18%
Cat. Nos	Description	INR List Price*	
1002-042	GR 2 4.25CM 100/PK	1,960	
1002-047	GR 2 4.7CM 100/PK	2,220	
1002-055	GR 2 5.5CM 100/PK	1,980	
1002-070	GR 2 7.0CM 100/PK	2,190	
1002-090	GR 2 9.0CM 100/PK	2,130	
1002-110	GR 2 11.0CM 100/PK	2,400	
1002-125	GR 2 12.5CM 100/PK	2,550	
1002-150	GR 2 15.0CM 100/PK	3,830	
1002-185	GR 2 18.5CM 100/PK	5,280	
1002-240	GR 2 24.0CM 100/PK	9,560	
1002-270	GR 2 27.0CM 100/PK	3,510	
1002-320	GR 2 32.0CM 100/PK	21,840	
1002-385	GR 2 38.5CM 100/PK	12,290	
1002-929	GR 2 60X60CM 100/PK	52,070	
1002-931	GR 2 58X68CM 100/PK	69,220	

Grade 2			HSN code: 48054000 GST: 18%
Cat. Nos	Description	INR List Price*	
1002-917	GR 2 46X57CM 100/PK	33,760	

Filter papers

Cellulose filter papers

Qualitative filter papers

Grade 3 HSN code: 48232000 GST: 18%		
Cat. Nos	Description	INR List Price*
1003-055	GR 3 5.5CM 100/PK	2,750
1003-070	GR 3 7.0CM 100/PK	3,280
1003-090	GR 3 9.0CM 100/PK	3,560
1003-110	GR 3 11.0CM 100/PK	3,350
1003-125	GR 3 12.5CM 100/PK	4,600
1003-150	GR 3 15.0CM 100/PK	5,070
1003-185	GR 3 18.5CM 100/PK	9,760
1003-240	GR 3 24.0CM 100/PK	15,640
1003-320	GR 3 32.0CM 100/PK	28,700
1003-323	GR 3 2.3CM 100/PK	2,540

Grade 3 HSN code: 48054000 GST: 18%		
Cat. Nos	Description	INR List Price*
1003-917	GR 3 46X57CM 100/PK	63,450

Grade 4 HSN code: 48232000 GST: 18%		
Cat. Nos	Description	INR List Price*
1004-027	GR 4 2.7CM 400/PK	1,400
1004-041	GR 4 41MM 100/PK	1,780
1004-042	GR 4 4.25CM 100/PK	1,720
1004-047	GR 4 4.7CM 100/PK	1,790
1004-050	GR 4 5CM 100/PK	2,340
1004-055	GR 4 5.5CM 100/PK	1,870
1004-070	GR 4 7CM 100/PK	1,830
1004-090	GR 4 9CM 100/PK	2,070
1004-110	GR 4 11CM 100/PK	2,450
1004-125	GR 4 12.5CM 100/PK	2,860

Grade 4 HSN code: 48232000 GST: 18%		
Cat. Nos	Description	INR List Price*
1004-150	GR 4 15CM 100/PK	4,010
1004-185	GR 4 18.5CM 100/PK	5,930
1004-240	GR 4 24CM 100/PK	10,550
1004-270	GR 4 27CM 100/PK	12,380
1004-320	GR 4 32CM 100/PK	16,620
1004-400	GR 4 40CM 100/PK	24,180
1004-930	GR 4 58X58CM 100/PK	64,350

Grade 4 HSN code: 48054000 GST: 18%		
Cat. Nos	Description	INR List Price*
1004-917	GR 4 46X57CM 100/PK	42,890

Grade 5 HSN code: 48232000 GST: 18%		
Cat. Nos	Description	INR List Price*
1005-042	GR 5 4.25CM 100/PK	1,950
1005-047	GR 5 4.7CM 100/PK	2,930
1005-055	GR 5 5.5CM 100/PK	2,190
1005-070	GR 5 7CM 100/PK	2,390
1005-090	GR 5 9CM 100/PK	2,500
1005-110	GR 5 11CM 100/PK	2,700
1005-125	GR 5 12.5CM 100/PK	3,390
1005-150	GR 5 15CM 100/PK	5,300
1005-185	GR 5 18.5CM 100/PK	8,650
1005-240	GR 5 24CM 100/PK	15,640
1005-320	GR 5 32CM 100/PK	33,030
1005-325	GR 5 2.5CM 100/PK	2,930

Filter papers

Cellulose filter papers

Qualitative filter papers

Grade 6 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
1006-042	GR 6 4.25CM 100/PK	2,150
1006-070	GR 6 7CM 100/PK	2,580
1006-090	GR 6 9CM 100/PK	2,780
1006-110	GR 6 11CM 100/PK	3,320
1006-125	GR 6 12.5CM 100/PK	4,200
1006-150	GR 6 15CM 100/PK	5,350
1006-185	GR 6 18.5CM 100/PK	9,560
1006-240	GR 6 24CM 100/PK	14,930

Grade 591 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10311387	591 58X58CM 250/PK	3,14,700

Grade 595 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10311610	595 110MM 100/PK	3,880
10311611	595 125MM 100/PK	3,710
10311612	595 150MM 100/PK	5,110
10311687	595 58X58CM 500/PK	2,63,240

Grade 597 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10311862	597 12.7MM 1000/PK	12,480
10311804	597 45MM 100/PK	1,760
10311807	597 55MM 100/PK	1,760
10311808	597 70MM 100/PK	2,260
10311809	597 90MM 100/PK	2,460

Grade 597 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10311810	597 110MM 100/PK	3,360
10311811	597 125MM 100/PK	4,550
10311812	597 150MM 100/PK	5,780
10311814	597 185MM 100/PK	8,270
10311820	597 240MM 100/PK	13,520
10311822	597 320MM 100/PK	28,470
10312070	597L 40MMX100M 1/PK	35,690
10311887	597 58X58CM 500/PK	2,83,340
10311897	597 58X58CM 100/PK	64,030

Grade 598 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10312209	598 90MM 100/PK	3,050
10312287	598 58X58CM 250/PK	2,80,530

Grade 602H HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10312611	602H 125MM 100/PK	6,110
10312612	602H 150MM 100/PK	9,030
10312614	602H 185MM 100/PK	12,950
10312620	602H 240MM 100/PK	21,840

Grade 602EH HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10312500	602EH 10MMX50M 20/PK	48,630

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

Filter papers

Cellulose filter papers

Wet strengthened general purpose filter papers

Grade 91 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
1091-110	GR 91 11.0CM 4000/PK	68,250
1091-125	GR 91 12.5CM 4000/PK	79,170
1091-150	GR 91 15CM 1000/PK	31,010
1091-165	GR 91 16.5CM 1000/PK	32,370
1091-185	GR 91 18.5CM 1000/PK	39,200
1091-190	GR 91 19CM 1000/PK	70,590
1091-240	GR 91 24CM 1000/PK	60,450
1091-930	GR 91 58X58CM 500/PK	97,300
1091-935	GR 91 61X61CM 500/PK	99,250

Grade 93 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
1093-110	GR 93 11CM 100/PK	1,560
1093-125	GR 93 12.5CM 100/PK	1,580
1093-6215	GR 93 15CM 10X100/PK	28,470
1093-930	GR 93 58X58CM 500/PK	81,900
1093-935	GR 93 61X61CM 500/PK	87,550

Grade 113 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
1113-090	GR 113 9CM 100/PK	3,760
1113-110	GR 113 11CM 100/PK	4,490
1113-125	GR 113 12.5CM 100/PK	5,080
1113-150	GR 113 15CM 100/PK	6,970
1113-185	GR 113 18.5CM 100/PK	11,310
1113-240	GR 113 24CM 100/PK	15,800
1113-500	GR 113 50CM 100/PK	82,290

Grade 113 HSN code: 48089000 | GST: 18%

Cat. Nos	Description	INR List Price*
1113-917	GR 113 46X57CM 100/PK	97,110

Grade 114 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
1114-090	GR 114 9CM 100/PK	3,120
1114-125	GR 114 12.5CM 100/PK	3,320
1114-150	GR 114 15CM 100/PK	3,900
1114-185	GR 114 18.5CM 100/PK	5,460
1114-240	GR 114 24CM 100/PK	8,970
1114-400	GR 114 40CM 100/PK	42,510
1114-930	GR 114 58X58CM 100/PK	90,870

Grade 1573 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10314712	1573 150MM 100/PK	11,510
10314726	1573 290MM 100/PK	35,100
10314765	1573 70MMX80M 1/PK	10,530
10314766	1573 25.5MMX210M 1/PK	44,690

Grade 1574 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10314828	1574 685MM PK100	2,61,560
10314871	1574 70MMX100M 1/PK NEUTRAL	20,810

Grade 1575 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10314916	1575 200MM 100/PK	18,780

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

Filter papers

Cellulose filter papers

Quantitative filter papers—ashless grades

Grade 40 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
1440-012	GR 40 1.27CM 400/PK	3,610
1440-032	GR 40 3.2CM 100/PK	4,680
1440-042	GR 40 4.25CM 100/PK	4,320
1440-047	GR 40 4.7CM 100/PK	4,760
1440-055	GR 40 5.5CM 100/PK	3,320
1440-070	GR 40 7CM 100/PK	3,520
1440-090	GR 40 9CM 100/PK	4,540
1440-110	GR 40 11CM 100/PK	5,320
1440-125	GR 40 12.5CM 100/PK	6,560
1440-150	GR 40 15CM 100/PK	8,610
1440-185	GR 40 18.5CM 100/PK	14,340
1440-240	GR 40 24CM 100/PK	28,320
1440-320	GR 40 32CM 100/PK	70,790
1440-329	GR 40 3CM 100/PK	4,100
1440-6168	GR 40 45CM 100/PK	84,240

Grade 40 HSN code: 48054000 | GST: 18%

Cat. Nos	Description	INR List Price*
1440-917	GR 40 46X57CM 100/PK	92,140

Grade 41 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
1441-042	GR 41 4.25CM 100/PK	3,760
1441-047	GR 41 4.7CM 100/PK	3,050
1441-050	GR 41 5CM 100/PK	4,680
1441-055	GR 41 5.5CM 100/PK	3,740
1441-060	GR 41 6CM 100/PK	4,880

Grade 41 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
1441-070	GR 41 7CM 100/PK	3,650
1441-090	GR 41 9CM 100/PK	4,580
1441-110	GR 41 11CM 100/PK	6,170
1441-125	GR 41 12.5CM 100/PK	6,820
1441-150	GR 41 15CM 100/PK	8,990
1441-185	GR 41 18.5CM 100/PK	14,320
1441-240	GR 41 24CM 100/PK	28,470
1441-320	GR 41 32CM 100/PK	61,030
1441-866	GR 41 20.3X25.4CM 100/PK	46,020

Grade 41 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
1441-917	GR 41 46X57CM 100/PK	84,910

Grade 42 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
1442-042	GR 42 4.25CM 100/PK	3,290
1442-047	GR 42 4.7CM 100/PK	4,500
1442-055	GR 42 5.5CM 100/PK	3,020
1442-070	GR 42 7CM 100/PK	3,690
1442-090	GR 42 9CM 100/PK	4,490
1442-110	GR 42 11CM 100/PK	5,480
1442-125	GR 42 12.5CM 100/PK	6,510
1442-150	GR 42 15CM 100/PK	8,670
1442-185	GR 42 18.5CM 100/PK	14,190
1442-240	GR 42 24CM 100/PK	22,820

Filter papers

Cellulose filter papers

Quantitative filter papers—ashless grades

Grade 42 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
1442-320	GR 42 32CM 100/PK	40,170
1442-6551	GR 42 2.54 X 9CM 100/PK	16,190

Grade 42 HSN code: 48054000 | GST: 18%

Cat. Nos	Description	INR List Price*
1442-917	GR 42 46 X 57CM 100/PK	77,480

Grade 43 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
1443-090	GR 43 9CM 100/PK	5,330
1443-110	GR 43 11CM 100/PK	7,520
1443-125	GR 43 12.5CM 100/PK	6,940
1443-150	GR 43 15CM 100/PK	11,880
1443-185	GR 43 18.5CM 100/PK	17,160

Grade 44 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
1444-070	GR 44 7CM 100/PK	4,580
1444-090	GR 44 9CM 100/PK	5,270
1444-110	GR 44 11CM 100/PK	6,320
1444-125	GR 44 12.5CM 100/PK	6,730
1444-150	GR 44 15CM 100/PK	12,120
1444-185	GR 44 18.5CM 100/PK	17,160
1444-240	GR 44 24CM 100/PK	34,130

Grade 589/1 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10300009	589/1 BLKRIB 90MM 100/PK	9,150
10300010	589/1 BLKRIB 110MM 100/PK	10,150
10300011	589/1 BLKRIB 125MM 100/PK	12,140
10300012	589/1 BLKRIB 150MM 100/PK	16,200
10300014	589/1 BLKRIB 185MM 100/PK	22,530

Grade 589/2 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10300102	589/2 WHTRIB 12.7MM 1000/PK	12,040
10300106	589/2 WHTRIB 50MM 100/PK	4,890
10300107	589/2 WHTRIB 55MM 100/PK	5,070
10300108	589/2 WHTRIB 70MM 100/PK	6,360
10300109	589/2 WHTRIB 90MM 100/PK	9,560
10300110	589/2 WHTRIB 110MM 100/PK	9,490
10300111	589/2 WHTRIB 125MM 100/PK	9,560
10300112	589/2 WHTRIB 150MM 100/PK	16,970
10300114	589/2 WHTRIB 185MM 100/PK	21,780
10300120	589/2 WHTRIB 240MM 100/PK	34,740

Grade 589/3 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10300263	589/3 BLURIB 12.8MM 1000/PK	15,210
10300210	589/3 BLURIB 110MM 100/PK	10,060
10300211	589/3 BLURIB 125MM 100/PK	11,870
10300212	589/3 BLURIB 150MM 100/PK	14,650
10300214	589/3 BLURIB 185MM 100/PK	20,940

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

Filter papers

Cellulose filter papers

Quantitative filter papers—hardened low ash grades

Grade 50 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
1450-042	GR 50 4.25CM 100/PK	3,960
1450-055	GR 50 5.5CM 100/PK	3,840
1450-070	GR 50 7CM 100/PK	4,490
1450-090	GR 50 9CM 100/PK	5,280
1450-110	GR 50 11CM 100/PK	7,880
1450-125	GR 50 12.5CM 100/PK	8,550
1450-150	GR 50 15CM 100/PK	12,930
1450-185	GR 50 18.5CM 100/PK	18,800
1450-240	GR 50 24CM 100/PK	32,960
1450-294	GR 50 294MM 500/PK	1,28,140
1450-320	GR 50 32CM 100/PK	49,920
1450-916	GR 50 15X23CM 100/PK	34,710

Grade 50 HSN code: 48054000 | GST: 18%

Cat. Nos	Description	INR List Price*
1450-917	GR 50 46X57CM 100/PK	96,170

Grade 52 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
1452-090	GR 52 9CM 100/PK	7,370
1452-110	GR 52 11CM 100/PK	8,670
1452-125	GR 52 12.5CM 100/PK	9,990
1452-150	GR 52 15CM 100/PK	13,330
1452-240	GR 52 24CM 100/PK	30,810

Grade 54 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
1454-055	GR 54 5.5CM 100/PK	3,750
1454-070	GR 54 7CM 100/PK	4,360
1454-090	GR 54 9CM 100/PK	5,850
1454-105	GR 54 10.5CM 100/PK	15,020
1454-110	GR 54 11CM 100/PK	7,460
1454-125	GR 54 12.5CM 100/PK	9,250
1454-150	GR 54 15CM 100/PK	12,950
1454-185	GR 54 18.5CM 100/PK	19,310
1454-240	GR 54 24CM 100/PK	34,320
1454-320	GR 54 32CM 100/PK	60,640
1454-500	GR 54 50CM 100/PK	1,25,970

Grade 54 HSN code: 48054000 | GST: 18%

Cat. Nos	Description	INR List Price*
1454-917	GR 54 46X57CM 100/PK	1,67,590

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

Filter papers

Cellulose filter papers

Quantitative filter papers—hardened low ash grades

Grade 540

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
1540-321	GR 540 2.1CM 100/PK	4,680
1540-324	GR 540 2.4CM 100/PK	4,680
1540-042	GR 540 4.25CM 100/PK	4,180
1540-055	GR 540 5.5CM 100/PK	4,360
1540-090	GR 540 9CM 100/PK	5,670
1540-110	GR 540 11CM 100/PK	7,690
1540-125	GR 540 12.5CM 100/PK	8,620
1540-150	GR 540 15CM 100/PK	13,330
1540-185	GR 540 18.5CM 100/PK	22,430
1540-321	GR 540 2.1CM 100/PK	4,680
1540-324	GR 540 2.4CM 100/PK	4,680
1540-042	GR 540 4.25CM 100/PK	4,180
1540-055	GR 540 5.5CM 100/PK	4,360
1540-090	GR 540 9CM 100/PK	5,670
1540-110	GR 540 11CM 100/PK	7,690
1540-125	GR 540 12.5CM 100/PK	8,620
1540-150	GR 540 15CM 100/PK	13,330
1540-185	GR 540 18.5CM 100/PK	22,430
1540-240	GR 540 24CM 100/PK	37,440
1540-320	GR 540 32CM 100/PK	80,340

Grade 541

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
1541-042	GR 541 4.25CM 100/PK	3,960
1541-047	GR 541 4.7CM 100/PK	4,160
1541-055	GR 541 5.5CM 100/PK	4,160
1541-070	GR 541 7CM 100/PK	4,580
1541-090	GR 541 9CM 100/PK	5,460

Grade 541

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
1541-110	GR 541 11CM 100/PK	7,740
1541-125	GR 541 12.5CM 100/PK	7,770
1541-150	GR 541 15CM 100/PK	13,190
1541-185	GR 541 18.5CM 100/PK	21,260
1541-240	GR 541 24CM 100/PK	36,420
1541-270	GR 541 27CM 100/PK	50,310

Grade 541

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
1541-320	GR 541 32CM 100/PK	65,130
1541-400	GR 541 40CM 100/PK	1,07,440

Grade 541

HSN code: 48054000 | GST: 18%

Cat. Nos	Description	INR List Price*
1541-917	GR 541 46X57CM 100/PK	1,24,980

Grade 542

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
1542-055	GR 542 5.5CM 100/PK	4,580
1542-070	GR 542 7CM 100/PK	4,580

Grade 542

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
1542-090	GR 542 9CM 100/PK	6,570
1542-110	GR 542 11CM 100/PK	8,780
1542-125	GR 542 12.5CM 100/PK	9,350
1542-150	GR 542 15CM 100/PK	14,530
1542-185	GR 542 18.5CM 100/PK	21,260
1542-240	GR 542 24CM 100/PK	35,820

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.

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, 113V

Filter papers

Cellulose filter papers

Folded and fluted filter papers

Grade 1V

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
1201-125	1V 12.5CM 100/PK	5,000
1201-150	1V 15CM 100/PK	18,910
1201-185	1V 18.5CM 100/PK	8,020
1201-240	1V 24CM 100/PK	12,510
1201-270	1V 27CM 100/PK	14,180
1201-320	1V 32CM 100/PK	6,320

Grade 2FF

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
1202-125	GR 2 FF 12.5CM 100/PK	9,540
1202-150	GR 2 FF 15CM 100/PK	10,740
1202-185	GR 2 FF 18.5CM 100/PK	13,240
1202-240	GR 2 FF 24CM 100/PK	17,080
1202-270	GR 2 FF 27CM 100/PK	22,570
1202-320	GR 2 FF 32CM 100/PK	24,010
1202-385	GR 2 FF 38.5CM 100/PK	54,520
1202-400	GR 2 FF 40CM 100/PK	53,520
1202-500	GR 2 FF 50CM 100/PK	60,710

Grade 4V

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
1204-125	4V 12.5CM 100/PK	5,600
1204-150	4V 15CM 100/PK	29,560
1204-0185	4V 18.5CM 100/PK	10,700
1204-240	4V 24CM 100/PK	16,380
1204-270	4V 27CM 100/PK	18,770
1204-320	4V 32CM 100/PK	7,190

Grade 113 FF

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
1213-125	GR 113 FF 12.5CM 100/PK	28,910
1213-150	GR 113 FF 15CM 100/PK	19,260
1213-185	GR 113 FF 18.5CM 100/PK	28,960
1213-240	GR 113 FF 24CM 100/PK	32,350
1213-270	GR 113 FF 27CM 100/PK	41,140
1213-320	GR 113 FF 32CM 100/PK	35,950
1213-500	GR 113 FF 50CM 100/PK	74,690

Grade 114 FF

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
1214-125	GR 114 FF 12.5CM 100/PK	11,730
1214-150	GR 114 FF 15CM 100/PK	14,580
1214-185	GR 114 FF 18.5CM 100/PK	17,430
1214-240	GR 114 FF 24CM 100/PK	32,950
1214-320	GR 114 FF 32CM 100/PK	36,150

Grade 287 FF

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10310245	287 FF 150MM 50/PK	14,370
10310247	287 FF 185MM 50/PK	16,350

Grade 520A FF

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10331451	520A FF 240MM 100/PK	18,580
10331456	520A FF 500MM 100/PK	55,000
10331494	520A FF 450MM 100/PK	42,120

Filter papers

Cellulose filter papers

Folded and fluted filter papers

Grade 520B FF

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10331551	520B FF 240MM 50/PK	19,040
10331553	520B FF 320MM 50/PK	27,120
10331554	520B FF 385MM 50/PK	38,850
10331556	520B FF 500MM 50/PK	60,380
10331558	520B FF 600MM 20/PK	68,460

Grade 593 FF

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10311447	593 FF 185MM 100/PK	15,580
10311451	593 FF 240MM 100/PK	23,270

Grade 594 FF

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10311547	594 FF 185MM 100/PK	20,570

Grade 595 FF

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10311641	595 FF 70MM 100/PK	11,150
10311642	595 FF 90MM 100/PK	10,580
10311643	595 FF 110MM 100/PK	12,380
10311644	595 FF 125MM 100/PK	13,980
10311645	595 FF 150MM 100/PK	15,180
10311647	595 FF 185MM 100/PK	19,160
10311651	595 FF 240MM 100/PK	24,380
10311652	595 FF 270MM 100/PK	30,770
10311653	595 FF 320MM 100/PK	40,200
10311654	595 FF 385MM 100/PK	49,420
10311656	595N FF 500MM 100/PK	81,480

Grade 597 FF

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10311841	597 FF 70MM 100/PK	8,920
10311842	597 FF 90MM 100/PK	10,390
10311844	597 FF 125MM 100/PK	12,310
10311845	597 FF 150MM 100/PK	13,180
10311847	597 FF 185MM 100/PK	14,090
10311851	597 FF 240MM 100/PK	18,240
10311852	597 FF 270MM 100/PK	21,770
10311853	597 FF 320MM 100/PK	28,340
10311854	597 FF 385MM 100/PK	54,620
10311856	597 FF 500MM 100/PK	70,580

Grade 598 FF

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10312244	598 FF 125MM 50/PK	16,160
10312247	598 FF 185MM 50/PK	20,000
10312251	598 FF 240MM 50/PK	22,750
10312256	598 FF 500MM 50/PK	67,120

Grade 602EH FF

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10312544	602EH FF 125MM 100/PK	12,580
10312545	602EH FF 150MM 100/PK	12,380

Grade 602H FF

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10312642	602H FF 90MM 100/PK	8,710
10312644	602H FF 125MM 100/PK	12,120
10312645	602H FF 150MM 100/PK	13,450

Filter papers

Cellulose filter papers

Folded and fluted filter papers

Grade 602H FF HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10312647	602H FF 185MM 100/PK	14,230
10312651	602H FF 240MM 100/PK	42,890

Grade 604 FF HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10312744	604 FF 125MM 100/PK	12,380
10312745	604 FF 150MM 100/PK	11,730
10312747	604 FF 185MM 100/PK	14,040
10312751	604 FF 240MM 100/PK	15,580
10312753	604 FF 320MM 100/PK	33,270

Grade 0858 FF HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10334345	0858 FF150MM 100/PK	8,990
10334347	0858 FF 185MM 100/PK	8,470
10334352	0858 FF 270MM 100/PK	16,540
10334353	0858 FF 320MM 100/PK	27,120

Grade 0860 FF HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10334547	0860 FF 185MM 100/PK	12,120
10334551	0860 FF 240MM 100/PK	15,770
10334553	0860 FF 320MM 100/PK	24,010
10334607	0860 140X190MM 500/PK	10,890

Grade 1573 FF HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10314744	1573 FF 125MM 100/PK	15,770
10314745	1573 FF 150MM 100/PK	16,730
10314747	1573 FF 185MM 100/PK	20,390
10314751	1573 FF 240MM 100/PK	32,120
10314752	1573 FF 270MM 100/PK	41,340
10314753	1573 FF 320MM 100/PK	50,770

Grade 1573 FF HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10314844	1574 FF 125MM 100/PK	17,780

Grade 2555 FF HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10313947	2555 FF 185MM 100/PK	8,850
10313951	2555 FF 240MM 100/PK	11,980
10313953	2555 FF 320MM 100/PK	13,380

Grade 589/1 FF HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10300045	589/1 FF BLKRIB 150MM 100/PK	22,160

Grade 589/2 FF HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10300143	589/2 FF WHTRIB 110MM 100/PK	21,650
10300145	589/2 FF WHTRIB 150MM 100/PK	28,920

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 product details



Filter papers

Cellulose filter papers

Folded filter papers

Pyramid Fold		HSN code: 48232000 GST: 18%
Cat. Nos	Description	INR List Price*
9897-10104	GRADE 1 125MM PYRAMID 100/PK	2,000
989710112	GR1 125MM PYRAMID 1000PK	23,840
989810116	GRADE 4 110MM PYRAMID 1000/PK	25,980
989810112	GRADE 4 125MM PYRAMID 1000/PK	29,150
9891-128	GR 6 12.5CM 1000/PK PYRAMID	44,790
9892-10104	GRADE 40 125MM PYRAMID 100/PK	6,100
9892-128	GR 40 12.5CM 1000/PK PYRAMID	66,380
989510116	GRADE 41 110MM PYRAMID 1000/PK	65,830
989510112	GR41 125MM PYRAMID 1000/PK	71,460
989610137	GR 42 90MM PYRAMID 1000PK	47,860
989610116	GR 42 110MM PYRAMID 1000PK	59,780
989610112	GR42 125MM PYRAMID 1000/PK	67,120
1540-10123	GRADE 540 9CM PYRAMID 1000/PK	59,780
1540-10124	GRADE 540 11CM PYRAMID 1000/PK	81,660

Quadrant Fold		HSN code: 48232000 GST: 18%
Cat. Nos	Description	INR List Price*
10380404	1 FF QUADRANT 110MM 500/PK	11,920
10380405	1 FF QUADRANT 125MM 500/PK	13,080
10380406	1 FF QUADRANT 150MM 500/PK	14,430
10380004	40 FF QUADRANT 110MM 500/PK	19,240
10380005	40 FF QUADRANT 125MM 500/PK	24,040
10380006	40 FF QUADRANT 150MM 500/PK	27,500
10380204	41 FF QUADRANT 110MM 500/PK	19,240
10380205	41 FF QUADRANT 125MM 500/PK	24,040
10380206	41 FF QUADRANT 150MM 500/PK	27,500



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.

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.



Whatman application filter papers

Application specific filter papers

Grade 0858 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10334365	0858 11X58CM 500/PK WRAPSTRIP	35,680
10334383	0858 390X390MM 500/PK	73,800
10334346	0858 570X870MM PK100	1,11,540
10334385	0858 450X450MM 500/PK	1,02,150

Grade 0903 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10334885	0903 450X450MM 500/PK	1,34,950

Grade 0905 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10334987	0905 580X580MM 500/PK	1,24,120

Grade 2294 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10342810	2294 110MM 100/PK	35,740
10342860	2294 180MM 100/PK CHOLE 33MM	16,080
10342862	2294 210MM 100/PK CHOLE 60MM	23,100
10342867	2294 350MMX70MM CTRHOLE 100PK	63,680

Grade 2589A HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10343630	2589A 140MM 500/PK	63,280
10343687	2589A 580X580MM 100/PK	95,950

Grade 2589C HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10343876	2589C 25X75MM 100/PK W2HOLES	14,840

Grade 2589D HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10343976	2589D 25X75MM 100/PK W2HOLES	13,710

Shark Skin™ HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10347509	SHARKSKIN 90MM100/PK	8,200
10347510	SHARKSKIN 110MM 100/PK	8,780
10347511	SHARKSKIN 125MM 100/PK	9,560
10347512	SHARKSKIN 185MM 100/PK	9,210
10347513	SHARKSKIN 150MM 100/PK	9,760
10347519	SHARKSKIN 240MM 100/PK	10,330
10347521	SHARKSKIN 270MM 100/PK	12,020
10347577	SHARKSKIN 290MM 100/PK	12,770
10347530	SHARKSKIN 320MM 100/PK	12,630
10347522	SHARKSKIN 340MM 100/PK	13,210
10347523	SHARKSKIN 385MM 100/PK	14,090
10347525	SHARKSKIN 500MM 100/PK	25,860

Grade 0048 HSN code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price*
10348903	0048 32MM 1000/PK	46,480

Grade 072 HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
1872-047	GR 72 4.7CM 100/PK	27,790
1872-055	GR 72 5.5CM 100/PK	17,760

Grade 072 HSN code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price*
1872-050	GR 72 5CM 100/PK	35,910

Application specific filter papers

Grade 1450CV

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10313209	1450CV 90MM 50/PK	1,640

Grade 8 Ruled

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10347004	8 RULED 45MM 100/PK	7,220
10347008	8 RULED 70MM 100/PK	9,360
10347009	8 RULED 90MM 100/PK	9,360
10347033	8 RULED 75MM 100/PK	10,530

Grade 3459

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10316619	3459 230MM 1000/PK	48,630

Grade 0790FF

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10301645	0790 FF 150MM 100/PK	28,920
10301647	0790 FF 185MM 100/PK	43,190

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

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10344672	3014 110X20MM 1000/PK PLS W/O	3,67,560
10344676	3014 110X20MM 1000/PK PLS W	4,16,300

Grade 3236

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10345573	GR3236 110X20MM 500/PK	1,00,880

Grade 3236

HSN code: 48239099 | GST: 18%

Cat. Nos	Description	INR List Price*
10345572	3236 110X20MM 1000/PK PLS W/O	3,67,270
10345576	3236 110X20MM 1000/PK PLS W	4,42,040

Grade 3621

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10342579	3621 140X200MM 1000/PK	5,66,230

Grade 3644

HSN code: 48239099 | GST: 18%

Cat. Nos	Description	INR List Price*
10342580	3644 140X200MM 1000/PK	3,57,320
10342581	3644 420X594MM 50/PK	59,220
10342582	3644 280MM X 340MM 100/PK	99,220

Grade 3645

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10342583	3645 110X170MM 100/PK	10,100
10342594	3645 110X170MM 1000/PK	22,590
10342596	GR 3645 105X190MM 1000PK	30,200

Glass microfiber filter papers

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.

02



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 filters, 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 HSN code: 70199000 | GST: 18%

Cat. Nos	Description	INR List Price*
1820-8013	GF/A F.B.T. 1.3CM 100/PK	4,600
1820-021	GF/A 2.1CM 100/PK	4,160
1820-024	GF/A 2.4CM 100/PK	4,570
1820-025	GF/A 2.5CM 100/PK	4,470
1820-037	GF/A 3.7CM 100/PK	6,020
1820-042	GF/A 4.25CM 100/PK	6,690
1820-047	GF/A 4.7CM 100/PK	6,410
1820-050	GF/A 5.0CM 100/PK	10,520
1820-055	GF/A 5.5CM 100/PK	8,900
1820-060	GF/A 6.0CM 100/PK	10,270
1820-061	GF/A 6.0CM RIM 50/PK	17,270
1820-070	GF/A 7.0CM 100/PK	9,570
1820-090	GF/A 9.0CM 100/PK	12,660
1820-110	GF/A 11.0CM 100/PK	15,010
1820-125	GF/A 12.5CM 100/PK	21,120
1820-150	GF/A 15CM 100/PK	27,990
1820-240	GF/A 24CM 100/PK	61,150
1820-6537	GF/A 8.1CM 100/PK	14,090
1820-866	GF/A 8X10IN 100/PK	42,730
1820-915	GF/A 46X57CM 25/PK	63,430

Grade GF/B HSN code: 70199000 | GST: 18%

Cat. Nos	Description	INR List Price*
1821-021	GF/B 2.1CM 100/PK	5,670
1821-024	GF/B 2.4CM 100/PK	5,760
1821-025	GF/B 2.5CM 100/PK	5,590
1821-037	GF/B 3.7CM 100/PK	10,320

Grade GF/B HSN code: 70199000 | GST: 18%

Cat. Nos	Description	INR List Price*
1821-042	GF/B 4.25CM 100/PK	13,420
1821-047	GF/B 4.7CM 100/PK	10,140
1821-055	GF/B 5.5CM 100/PK	16,140
1821-060	GF/B 6.0CM 100/PK	20,520
1821-070	GF/B 7.0CM 100/PK	18,850
1821-090	GF/B 9.0CM 25/PK	9,060
1821-110	GF/B 11.0CM 25/PK	11,280
1821-125	GF/B 12.5CM 25/PK	15,190
1821-150	GF/B 15CM 25/PK	19,130
1821-185	GF/B 18.5CM 25/PK	27,190
1821-271	GF/B 2.25X12.25IN 100/PK	90,280
1821-914	GF/B 46X57CM 5/PK	76,980
1821-915	GF/B 46X57CM 25/PK	1,57,850

Grade GF/C HSN code: 70199000 | GST: 18%

Cat. Nos	Description	INR List Price*
1822-021	GF/C 2.1CM 100/PK	4,660
1822-024	GF/C 2.4CM 100/PK	4,820
1822-025	GF/C 2.5CM 100/PK	4,360
1822-037	GF/C 3.7CM 100/PK	6,700
1822-042	GF/C 4.25CM 100/PK	6,900
1822-047	GF/C 4.7CM 100/PK	6,430
1822-050	GF/C 5CM 100/PK	22,620
1822-055	GF/C 5.5CM 100/PK	10,320
1822-070	GF/C 7CM 100/PK	13,490
1822-090	GF/C 9CM 100/PK	14,070
1822-100	GF/C 10CM 100/PK	20,050

Filter papers

Glass microfiber filter papers

Binder Free Glass Microfiber Filters

Grade GF/C HSN code: 70199000 | GST: 18%

Cat. Nos	Description	INR List Price*
1822-110	GF/C 11CM 100/PK	18,710
1822-125	GF/C 12.5CM 100/PK	23,370
1822-150	GF/C 15CM 100/PK	28,300
1822-185	GF/C 18.5CM 100/PK	1,88,090
1822-320	GF/C 32CM 100/PK	2,52,370
1822-6580	GF/C 2.5CM 400/PK	48,020
1822-849	GF/C 10.2X25.4CM 50/PK	23,690
1822-866	GF/C 8X10IN 100/PK	73,490
1822-915	GF/C 46X57CM 25/PK	82,800
1822-9916	GF/C 10CM INDIV PACK 100/PK	73,810

Grade GF/D HSN code: 70199000 | GST: 18%

Cat. Nos	Description	INR List Price*
1823-007	GF/D 7MM 100/PK	27,380
1823-010	GF/D 1CM 100/PK	5,160
1823-021	GF/D 2.1CM 100/PK	5,370
1823-024	GF/D 2.4CM 100/PK	9,330
1823-025	GF/D 2.5CM 100/PK	5,640
1823-035	GF/D 3.5CM 100/PK	8,930
1823-042	GF/D 4.25CM 100/PK	10,320
1823-047	GF/D 4.7CM 100/PK	11,140
1823-055	GF/D 5.5CM 100/PK	14,090
1823-070	GF/D 7CM 100/PK	17,030
1823-090	GF/D 9CM 25/PK	7,780
1823-110	GF/D 11CM 25/PK	10,730
1823-125	GF/D 12.5CM 25/PK	13,970
1823-142	GF/D 14.2CM 25/PK	21,670

Grade GF/D HSN code: 70199000 | GST: 18%

Cat. Nos	Description	INR List Price*
1823-150	GF/D 15CM 25/PK	24,660
1823-257	GF/D 25.7CM 25/PK	29,650

Grade GF/F HSN code: 70199000 | GST: 18%

Cat. Nos	Description	INR List Price*
1825-015	GF/F 15MM 100/PK	48,730
1825-021	GF/F 2.1CM 100/PK	9,330
1825-024	GF/F 2.4CM 100/PK	9,930
1825-025	GF/F 2.5CM 100/PK	9,560
1825-037	GF/F 3.7CM 100/PK	21,350
1825-042	GF/F 4.25CM 100/PK	20,360
1825-047	GF/F 4.7CM 100/PK	19,300
1825-055	GF/F 5.5CM 100/PK	30,560
1825-070	GF/F 7CM 100/PK	31,180
182510158	GF/F 81MM 100PK	34,610
1825-090	GF/F 9CM 25/PK	15,920
1825-110	GF/F 11CM 25/PK	18,520
1825-125	GF/F 12.5CM 25/PK	24,910
1825-142	GF/F 14.2CM 25/PK	36,850
1825-150	GF/F 15CM 25/PK	31,750
1825-185	GF/F 185MM 25/PK	38,840
1825-257	GF/F 25.7CM 25/PK	91,270
1825-293	GF/F 29.3CM 25/PK	1,49,890
1825-6005	GF/F 30CMX50M REEL	1,74,210
1825-915	GF/F 46X57CM 25/PK	3,35,300

Filter papers

Glass microfiber filter papers

Binder Free Glass Microfiber Filters

Grade 934-AH

HSN code: 70199000 | GST: 18%

Cat. Nos	Description	INR List Price*
1827-021	934-AH 2.1CM 100/PK	6,280
1827-024	934-AH 2.4CM 100/PK	6,550
1827-025	934-AH 2.5CM 100/PK	5,570
1827-028	934-AH 2.8CM 100/PK	5,960
1827-030	934-AH 3.0CM 100/PK	6,950
1827-032	934-AH 3.2CM 100/PK	7,490
1827-035	934-AH 3.5CM 100/PK	7,700
1827-037	934-AH 3.7CM 100/PK	8,660
1827-042	934-AH 4.25CM 100/PK	9,330
1827-047	934-AH 4.7CM 100/PK	11,310
1827-055	934-AH 5.5CM 100/PK	13,100
1827-070	934-AH 7.0CM 100/PK	15,690
1827-082	934-AH 8.26CM 100/PK	20,240
1827-085	934-AH 8.5CM 100/PK	20,740
1827-090	934-AH 9.0CM 100/PK	24,610
1827-105	934-AH 10.5CM 100/PK	25,200
1827-110	934-AH 11CM 100/PK	29,920
1827-125	934-AH 12.5CM 100/PK	37,700
1827-150	934-AH 15CM 100/PK	50,000
1827-185	934-AH 18.5CM 100/PK	60,910
1827-240	934-AH 24CM 100/PK	1,12,300
1827-320	934-AH 32CM 100/PK	1,71,820
1827-808	934-AH 2X12IN 100/PK	24,610
1827-866	934-AH 8X10IN 100/PK	93,850
1827-889	934-AH 12X15IN 100/PK	1,55,750
1827-957	934-AH 19X28IN 100/PK	4,38,390

Grade EPM2000

HSN code: 70171000 | GST: 18%

Cat. Nos	Description	INR List Price*
1882-047	EPM-2000 4.7CM 100/PK	10,960
1882-866	EPM-2000 8X10IN 100/PK	85,620

Multigrade GMF

HSN code: 70199000 | GST: 18%

Cat. Nos	Description	INR List Price*
1841-047	MULTIGRADE 1UM 4.7CM 40/PK	12,310
1841-090	MULTIGRADE 1UM 9.0CM 20/PK	12,310
1842-090	MULTIGRADE 2UM 9.0CM 20/PK	12,040

Multigrade GMF

HSN code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price*
1842-047	MULTIGRADE 2UM 4.7CM 40/PK	12,490

TCLP Filter Papers

HSN code: 70199000 | GST: 18%

Cat. Nos	Description	INR List Price*
1810-110	TCLP 110MM 50/PK	32,540

TCLP Filter Papers

HSN code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price*
1810-047	TCLP 47MM 100/PK	30,750
1810-090	TCLP 90MM 50/PK	22,550
1810-125	TCLP 125MM 50/PK	48,610
1810-142	TCLP 142MM 50/PK	58,850
1810-150	TCLP 150MM 50/PK	68,020

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

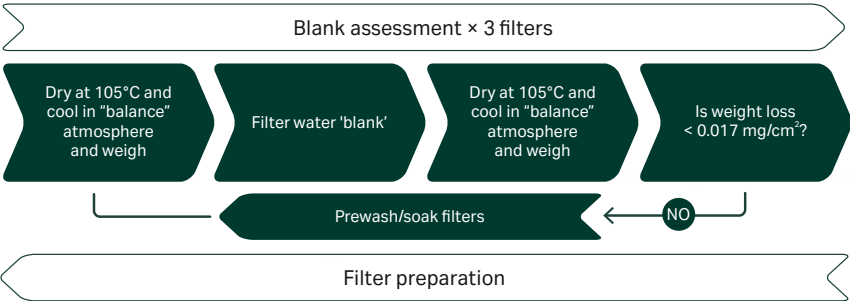
Solids testing, a key measurement in water quality and wastewater analysis, includes testing for total solids (TS), total dissolved solids (TDS), total suspended solids (TSS) and volatile suspended solids (VSS). It can be challenging for a lab staff to maintain accuracy and daily productivity under time 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

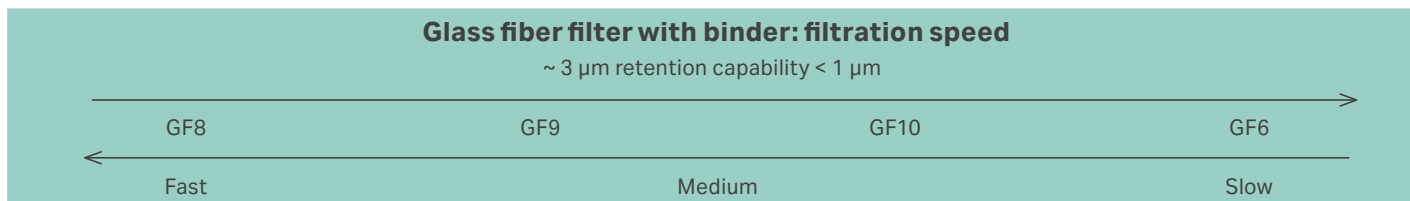


Grade 934-AH™ RTU

HSN code: 70199000 | GST: 18%

Cat. Nos	Description	INR List Price*
9907-024	934-AH RTU 24MM 100/PK	22,170
9907-042	934-AH RTU 42.5MM 100/PK	13,460
9907-047	934-AH RTU 47MM 100/PK	13,880
9907-055	934-AH RTU 55MM 100/PK	16,270
9907-090	934-AH RTU 90MM 100/PK	29,080
9907-9436	934-AH RTU 47MM 100/PK 5 DECIMAL PLACES	27,190
9907-070	934AH RTU FOR SOLIDS, 70MM, 100/ PK	35,510

Glass microfiber filter papers with binder



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 GF6 HSN code: 70199000 | GST: 18%

Cat. Nos	Description	INR List Price*
10370019	GF6 47MM 200/PK	20,070

Grade GF6 HSN code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price*
10370018	GF6 25MM 200/PK	13,300
10370002	GF6 50MM 200/PK	43,180
10370003	GF6 55MM 100/PK	19,680
10370004	GF6 70MM 100/PK	25,400
10370005	GF6 90MM 100/PK	34,970
10370020	GF6 100MM 100/PK	55,030
10370029	GF6 105MM 100/PK	87,940
10370006	GF6 110MM 100/PK	55,030
10370007	GF6 125MM 100/PK	59,990
10370008	GF6 150MM 100/PK	82,350
10370010	GF6 185MM 100/PK	91,520

Grade GF6 HSN code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price*
10370011	GF6 200MM 100/PK	1,05,660
10370012	GF6 240MM 100/PK	1,19,790
10370050	GF6 610X620MM 100/PK	2,40,420

Grade GF8 HSN code: 70199000 | GST: 18%

Cat. Nos	Description	INR List Price*
10370172	GF8 60X90MM 100/PK	34,330

Grade GF8 HSN code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price*
10370119	GF8 47MM 200/PK	22,550
10370105	GF8 90MM 100/PK	36,110
10370111	GF8 200MM 100/PK	30,730

Grade GF9 HSN code: 70199000 | GST: 18%

Cat. Nos	Description	INR List Price*
10370202	GF9 50MM 200/PK	21,020

Grade GF9 HSN code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price*
10370205	GF9 90MM 100/PK	34,580
10370206	GF9 110MM 100/PK	50,820

Grade GF10 HSN code: 70199000 | GST: 18%

Cat. Nos	Description	INR List Price*
10370319	GF10 47MM 200/PK	17,960
10370302	GF10 50MM 200/PK	22,820
10370305	GF10 90MM 100/PK	34,390
10370320	GF10 100MM 100/PK	37,900
10370308	GF10 150MM 100/PK	90,060
10370393	GF10 40MMX42M CORE 28MM 1/PK	95,690
10370391	GF10 60MMX42M CORE 28MM 1/PK	24,010

Grade GF92 HSN code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price*
10421019	GF92 42MM 200/PK	30,160
10421026	GF92 47MM 200/PK	32,540
10421030	GF92 50MM 200/PK	31,720
10421043	GF92 100MM 100/PK	45,860
10421057	GF92 135MM 100/PK	73,370

Filter papers

Quartz microfiber filter papers

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 QMA HSN code: 70199000 | GST: 18%

Cat. Nos	Description	INR List Price*
1851-032	QMA 3.2CM 100/PK	25,000
1851-037	QMA 3.7CM 100/PK	31,040
1851-045	QMA 4.5CM 100/PK	34,530
1851-047	QMA 4.7CM 100/PK	31,890
1851-050	QMA 5.0CM 100/PK	72,620
1851-055	QMA 5.5CM 100/PK	36,310
1851-082	QMA 8.26CM 100/PK	59,720
1851-085	QMA 8.5CM 100/PK	1,18,250
1851-090	QMA 9.0CM 100/PK	71,430
1851-101	QMA 10.16CM 100/PK	82,350
1851-110	QMA 11CM 100/PK	1,23,210
1851-118	QMA 11.8CM 100/PK	1,52,570
1851-150	QMA 15CM 100/PK	1,70,030
1851-865	QMA 8X10IN 25/PK	69,570
1851-8866	QMA 8X10IN NUMBERED 100/PK	3,00,780
1851-10011	QMA 8X10IN SHEETS 100/PK	1,71,460

Grade QMA HSN code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price*
1851-025	QMA 2.5CM 100/PK	25,370

Grade QMB

Cat. Nos	Description	INR List Price*
1852-040	QMB 40MM 50/PK	48,810
1852-042	QMB 42MM 50/PK	42,070

Grade QMH HSN code: 70199000 | GST: 18%

Cat. Nos	Description	INR List Price*
1853-047-50	QM-H 47MM 50/PK	44,760

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 preparation 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 QMC		HSN code: 70199000 GST: 18%
Cat. Nos	Description	INR List Price*
1855-037	QMC PRE-FIRED, 37MM 100/PK	40,280
1855-047	QMC PRE-FIRED, 47MM 100/PK	44,290
1855-082	QMC PREFIRED 8.26CM 100/PK	93,750
1855-090	QMC PRE-FIRED, 90MM 100/PK	96,790
1855-110	QMC PREFIRED 110MM 100/PK	1,93,260
1855-150	QMC PRE-FIRED, 150MM 100/PK	2,29,910
1855-865	QMC PRE-FIRED, 8X10IN 25/PK	87,660
1855-866	QMC PRE-FIRED 8X10IN 100/PK	2,30,030

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 filters offer accurately controlled pore size distribution with high strength and flexibility 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.

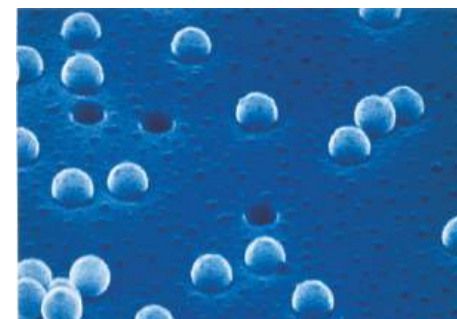
Nuclepore black dyed polycarbonate membranes are high performance membranes suited for applications using epifluorescence microscopy. Black membranes greatly reduce background fluorescence, which results in improved microorganism and particulate visibility.

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™ and Nuclepore™

Cyclopore polycarbonate membrane circles HSN code: 39206190 | GST: 18%

Cat. Nos	Description	INR List Price*
10417701	CYL PC 13MM 0.4UM 100/PK	22,720
10417606	CYL PC 25MM 0.2UM 100/PK	26,610
10417706	CYL PC 25MM 0.4UM 100/PK	22,720
10418552	CYL PC 25MM 12.0UM 100/PK	23,340
10417612	CYL PC 47MM 0.2UM 100/PK	43,590
10417712	CYL PC 47MM 0.4UM 100/PK	43,590
10418450	CYL PC 47MM 10.0UM 100/PK	40,200
10418550	CYL PC 47MM 12.0UM 100/PK	44,650

Nuclepore polycarbonate membranes HSN code: 39206190 | GST: 18%

Cat. Nos	Description	INR List Price*
10417001	NUC PC 13MM 0.2UM 100/PK	16,150
10417101	NUC PC 13MM 0.4UM 100/PK	16,640
10417301	NUC PC 13MM 0.8UM 100/PK	18,170
10418701	NUC PC 13MM 1.0UM 100/PK	16,000
10418301	NUC PC 13MM 3.0UM 100/PK	16,710
10417401	NUC PC 13MM 5.0UM 100/PK	16,310
10417501	NUC PC 13MM 8.0UM 100/PK	16,310
10418401	NUC PC 13MM 10.0UM 100/PK	24,250
10418501	NUC PC 13MM 12.0UM 100/PK	17,670
10417004	NUC PC 19MM 0.2UM 100/PK	20,430
10417104	NUC PC 19MM 0.4UM 100/PK	20,430
10417304	NUC PC 19MM 0.8UM 100/PK	18,230
10418704	NUC PC 19MM 1.0UM 100/PK	18,300
10417006	NUC PC 25MM 0.2UM 100/PK	21,160
10417106	NUC PC 25MM 0.4UM 100/PK	21,370
10417206	NUC PC 25MM 0.6UM 100/PK	18,740

Nuclepore polycarbonate membranes HSN code: 39206190 | GST: 18%

Cat. Nos	Description	INR List Price*
10417306	NUC PC 25MM 0.8UM 100/PK	20,940
10418706	NUC PC 25MM 1.0UM 100/PK	21,460
10418806	NUC PC 25MM 2.0UM 100/PK	21,460
10418306	NUC PC 25MM 3.0UM 100/PK	21,620
10417406	NUC PC 25MM 5.0UM 100/PK	20,940
10417506	NUC PC 25MM 8.0UM 100/PK	21,160
10418406	NUC PC 25MM 10.0UM 100/PK	21,460
10418506	NUC PC 25MM 12.0 UM 100/PK	19,200
10417309	NUC PC 37MM 0.8UM 100/PK	30,040
10419512	NUC PC 47MM 0.1UM 100/PK	72,430
10417012	NUC PC 47MM 0.2UM 100/PK	34,770
10417112	NUC PC 47MM 0.4UM 100/PK	36,290
10417212	NUC PC 47MM 0.6UM 100/PK	36,290
10417312	NUC PC 47MM 0.8UM 100/PK	36,290
10418712	NUC PC 47MM 1.0UM 100/PK	37,170
10418812	NUC PC 47MM 2.0UM 100/PK	37,170
10418312	NUC PC 47MM 3.0UM 100/PK	37,930
10417412	NUC PC 47MM 5.0UM 100/PK	35,930
10417512	NUC PC 47MM 8.0UM 100/PK	36,290
10418412	NUC PC 47MM 10.0UM 100/PK	37,170
10418512	NUC PC 47MM 12.0UM 100/PK	33,440
10417014	NUC PC 50MM 0.2UM 100/PK	40,750
10417114	NUC PC 50MM 0.4UM 100/PK	36,610
10417414	NUC PC 50MM 5.0UM 100/PK	36,610
10418514	NUC PC 50MM 12.0UM 100/PK	41,740
10417116	NUC PC 81MM 0.4UM 25/PK	22,970
10417018	NUC PC 90MM 0.2UM 25/PK	42,240

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.

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: 84219900 GST: 18%
Cat. Nos	Description	INR List Price*
230300	PE DRAIN DISC 10MM 100/PK	10,940
230500	PE DRAIN DISC 22MM 100/PK	11,400
230600	PE DRAIN DISC 25MM 100/PK	11,730
230800	PE DRAIN DISC 37MM 100/PK	12,150
231100	PE DRAIN DISC 47MM 100/PK	15,190
232310	PE DRAIN DISC 142MM 100/PK	28,870
232300	PE DRAIN DISC 293MM 25/PK	35,310



Polyester Drain Disc

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

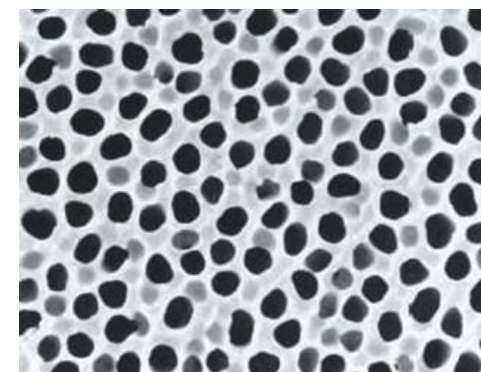
- HPLC mobile phase filtration and degassing
- Ultra cleaning of solvents
- Gravimetric analysis
- Liposome extrusion
- Scanning electron microscopy studies
- Bacterial analysis by epifluorescence light microscopy
- Micrometer and nanometer filtration
- Metal nanorods formation

Anodisc HSN code: 69091900 | GST: 18%

Cat. Nos	Description	INR List Price*
6809-7003	ANOD 13MM 0.02UM NO SUP 100/PK	50,320
6809-7004	ANOD 13MM LF 0.02 NO SUP 100/PK	62,530
6809-7013	ANOD 13MM 0.1UM NO SUP 100/PK	54,070
6809-7023	ANOD 13MM 0.2UM NO SUP 100/PK	53,830
6809-6002	ANOD 25MM 0.02UM SUPP 50/PK	72,110
6809-6012	ANOD 25MM 0.1UM SUPP 50/PK	68,680
6809-6022	ANOD 25MM 0.2UM SUPP 50/PK	76,990
6809-5502	ANOD 47MM 0.02UM NO SUP 50/PK	85,280
6809-5002	ANOD 47MM 0.02UM SUPP 50/PK	1,11,950
6809-5012	ANOD 47MM 0.1UM SUPP 50/PK	1,13,160
6809-5522	ANOD 47MM 0.2UM NO SUP 50/PK	96,300
6809-5022	ANOD 47MM 0.2UM SUPP 50/PK	1,17,000



Anopore inorganic membranes without support ring



Anodisc pore structure

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 used 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

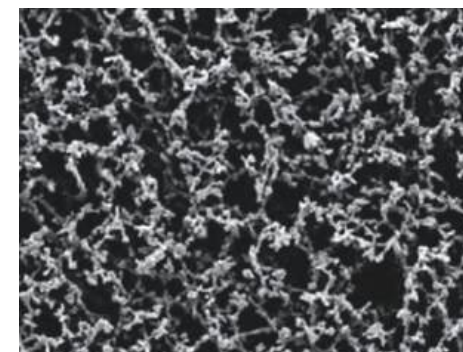
Recommended for most routine applications, this membrane is manufactured under strictly controlled conditions. Whatman nitrocellulose membranes are known for higher strength and flexibility, low extractables and narrow pore size distribution.



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

Cellulosic membranes

Regenerated Cellulose HSN code: 39211900 | GST: 18%

Cat. Nos	Description	INR List Price*
10410312	RC58 0.2UM 47MM 100/PK	25,050
10410314	RC58 0.2UM 50MM 100/PK	36,060
10410319	RC58 0.2UM 100MM 25/PK	26,860

Regenerated Cellulose HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10410012	RC60 1UM 47MM 100/PK	35,290
10410014	RC60 1UM 50MM 100/PK	37,760

Regenerated Cellulose HSN code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price*
10410206	RC55 0.45UM 25MM 100/PK	23,940
10410212	RC55 0.45UM 47MM 100/PK	35,790
10410214	RC55 0.45UM 50MM 100/PK	35,170
10410272	RC55 ST 50MM 100/PK	70,660
10410219	RC55 0.45UM 100MM 25/PK	25,230
10410224	RC55 0.45UM 110MM 25/PK	29,450
10410229	RC55 0.45UM 142MM 25/PK	48,000
10410380	RC58 0.2UM 300X600MM 5/PK	92,990

Cellulose Acetate HSN code: 39211900 | GST: 18%

Cat. Nos	Description	INR List Price*
10403012	ST69 1.2UM 47MM 100/PK	22,470

Cellulose Acetate HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10404106	OE66 0.2UM 25MM 100/PK	7,900
10404112	OE66 0.2UM 47MM 100/PK	14,150
10404114	OE66 0.2UM 50MM 100/PK	15,660

Cellulose Acetate HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10404131	OE66 0.2UM 142MM 25/PK	19,000
10404180	OE66 0.2UM 300X600MM 5/PK	41,500
10404001	OE67 0.45UM 13MM 100/PK	8,780
10404006	OE67 0.45UM 25MM 100/PK	9,890
10404012	OE67 0.45UM 47MM 100/PK	14,990
10404014	OE67 0.45UM 50MM 100/PK	15,280
10404044	OE67 0.45UM 85MM 50/PK	26,640
10404045	OE67 0.45UM 90MM 50/PK	26,810
10404026	OE67 0.45UM 110MM 50/PK	35,260
10404031	OE67 0.45UM 142MM 25/PK	19,000

Cellulose Acetate HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10404126	OE66 0.2UM 110MM 50/PK	33,980
10404139	OE66 0.2UM 293MM 25/PK	89,860

Cellulose Acetate HSN code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price*
7001-0004	CA 47MM WH 0.2UM 100/PK	13,200
7000-0002	CA 25MM WH 0.45UM 100/PK	13,780
7000-0004	CA 47MM WH 0.45UM 100/PK	12,270
10403112	ST68 0.8UM 47MM 100/PK	22,360

Cellulose Nitrate HSN code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price*
7181-002	WCN WH 25MM 0.1UM 100/PK	25,940
7181-004	WCN WH 47MM 0.1UM 100/PK	32,790
10402012	NC10 0.1UM 47MM 100/PK	18,050
10402014	NC10 0.1UM 50MM 100/PK	19,320

Cellulosic membranes

Cellulose Nitrate

HSN code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price*
7182-001	WCN WH 13MM 0.2UM 100/PK	17,410
7182-002	WCN WH 25MM 0.2UM 100/PK	10,520
7182-004	WCN WH 47MM 0.2UM 100/PK	7,370
10401312	NC20 0.2UM 47MM 100/PK	24,430
10401314	NC20 0.2UM 50MM 100/PK	25,820
7182-009	WCN WH 90MM 0.2UM 25/PK	20,460
7182-014	WCN WH 142MM 0.2UM 25/PK	27,260
7184-001	WCN WH 13MM 0.45UM 100/PK	14,830
10401106	NC45 0.45UM 25MM 100/PK	16,260
7184-002	WCN WH 25MM 0.45UM 100/PK	14,750
10401112	NC45 0.45UM 47MM 100/PK	23,760
7184-004	WCN WH 47MM 0.45UM 100/PK	6,890
10401170	NC45 ST 0.45UM 47MM 100/PK	27,020
10401114	NC45 0.45UM 50MM 100/PK	24,860
7184-005	WCN WH 50MM 0.45UM 100/PK	26,720
10401122	NC45 0.45UM 85MM 50/PK	11,290
10401118	NC45 0.45UM 90MM 50/PK	45,120
7184-009	WCN WH 90MM 0.45UM 25/PK	21,300
10401121	NC45 0.45UM 100MM 50/PK	50,110
10401126	NC45 0.45UM 110MM 50/PK	51,630
10401131	NC45 0.45UM 142MM 25/PK	31,940
7184-014	WCN WH 142MM 0.45UM 25/PK	33,820
7186-004	WCN WH 47MM 0.65UM 100/PK	30,170
7188-002	WCN WH 25MM 0.8UM 100/PK	21,040
7188-003	WCN WH 37MM 0.8UM 100/PK	27,070
7188-004	WCN WH 47MM 0.8UM 100/PK	11,170
7188-009	WCN WH 90MM 0.8UM 25/PK	23,570
7190-002	WCN WH 25MM 1.0UM 100/PK	22,570

Cellulose Nitrate

HSN code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price*
7190-004	WCN WH 47MM 1.0UM 100/PK	31,420
7191-005	WCN WH 50MM 1.2UM 100/PK	23,550
7191-014	WCN WH 142MM 1.2UM 25/PK	41,250
7193-002	WCN WH 25MM 3.0UM 100/PK	20,660
7193-004	WCN WH 47MM 3.0UM 100/PK	29,280
7195-004	WCN WH 47MM 5.0UM 100/PK	24,110
7195-009	WCN WH 90MM 5.0UM 25/PK	24,500
10407713	MP21 ST 0.45UM 47MM 100/PK	22,050
10407714	MP21 ST 0.45UM 50MM 100/PK	22,420
10407112	MP21 STL 0.45UM 47MM 400/PK	76,320
10407114	MP21 STL 0.45UM 50MM 400/PK	78,820
10407132	MP31 STL 0.45UM 47MM 400/PK	76,320
10407134	MP31 STL 0.45UM 50MM 400/PK	78,820
10407734	MP31 ST 0.45UM 50MM 100/PK	22,420
10407766	MP31 0.45UM 135X240MM 100/PK	1,37,680
10407170	MP41 STL 0.45UM 47MM 400/PK	68,370
10407172	MP41 STL 0.45UM 50MM 400/PK	78,820
7195-002	WCN WH 25MM 5.0UM 100/PK	21,310

Cellulose Nitrate

HSN code: 39211900 | GST: 18%

Cat. Nos	Description	INR List Price*
10400206	AE98 5UM 25MM 100/PK	20,590
10400212	AE98 5UM 47MM 100/PK	26,240
10400214	AE98 5UM 50MM 100/PK	29,600
10400106	AE99 8UM 25MM 100/PK	21,180
10400112	AE99 8UM 47MM 100/PK	26,400
10400114	AE99 8UM 50MM 100/PK	28,130
10400012	AE100 12 UM 47MM 100/PK	26,780
10400014	AE100 12UM 50MM 100/PK	27,570

Mixed Cellulose Ester

Mixed Cellulose Ester HSN code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price*
7141-154	WME WHGRST 47MM 0.45UM 1000/PK	81,530
7141-204	WME WHGRAUTO 47MM 0.45 100/P	33,630
7148-002	WME WH GR 25MM 0.8UM 100/PK	33,950
7141-104	CN MEM, GRID, ST W PD, 0,45UM 47MM 100/PK	13,370
7141-114	WME WHGRSTNPD 47MM 0.45 100/PK	11,570
7141-124	WME WHGR ST 47MM 0.45UM 200/PK	28,330
7153-104	WME BL GRST 47MM 0.45UM 100/PK	33,260
7140-104	WME WH ST 47MM 0.45UM 100/PK	15,320
7141-004	WME WH GR 47MM 0.45UM 100/PK	22,430
7187-114	WME WHGRSTNPAD 47MM 0.2 100/PK	17,190
7141-025	MEMBRACLEAR 25MM 100/PK	29,650
7141-047	MEMBRACLEAR 47MM 100/PK	39,220

Mixed Cellulose Ester - Plain HSN code: 84213990 | GST: 18%

Cat. Nos	Description	INR List Price*
10401706	ME24 0.2UM 25MM 100/PK	8,640
10401712	ME24 0.2UM 47MM 100/PK	12,810
10401770	ME24 ST 0.2UM 47MM 100/PK	12,840
10401714	ME24 0.2UM 50MM 100/PK	12,890
10401772	ME24 ST 0.2UM 50MM 100/PK	14,060
10401721	ME24 0.2UM 100MM 50/PK	36,410
10401726	ME24 0.2UM 110MM 50/PK	31,290
10401731	ME24 0.2UM 142MM 25/PK	20,390
10401606	ME25 0.45UM 25MM 100/PK	9,330
10401612	ME25 0.45UM 47MM 100/PK	11,100
10401670	ME25 ST 0.45UM 47MM 100/PK	13,330
10401614	ME25 0.45UM 50MM 100/PK	12,890
10401672	ME25 ST 0.45UM 50MM 100/PK	12,580
10401664	ME25 0.45UM 50MM 100/PK LOW C	33,950

Mixed Cellulose Ester - Plain HSN code: 84213990 | GST: 18%

Cat. Nos	Description	INR List Price*
10401618	ME25 0.45UM 90MM 50/PK	24,340
10401621	ME25 0.45UM 100MM 50/PK	29,860
10401626	ME25 0.45UM 110MM 50/PK	27,840
10401631	ME25 0.45UM 142MM 25/PK	14,660
10401506	ME26 0.6UM 25MM 100/PK	17,410
10401512	ME26 0.6UM 47MM 100/PK	25,200
10401514	ME26 0.6UM 50MM 100/PK	23,000
10400906	ME27 0.8UM 25MM 100/PK	15,870
10400909	ME27 0.8UM 37MM 100/PK	21,480
10400912	ME27 0.8UM 47MM 100/PK	19,000
10400914	ME27 0.8UM 50MM 100/PK	21,070
10400921	ME27 0.8UM 100MM 50/PK	51,010
10400806	ME28 1.2UM 25MM 100/PK	18,800
10400812	ME28 1.2UM 47MM 100/PK	30,240
10400814	ME28 1.2UM 50MM 100/PK	30,460
10400821	ME28 1.2UM 100MM 50/PK	74,130
10408472	ME28/41 ST 1.2UM 50MM 100/PK	26,160
10400706	ME29 3.0UM 25MM 100/PK	20,590
10400712	ME29 3.0UM 47MM 100/PK	29,220
10400714	ME29 3.0UM 50MM 100/PK	30,360
10400772	ME29 ST 3.0UM 50MM 100/PK	29,700

Mixed Cellulose Ester

Mixed Cellulose Ester - Gridded			HSN code: 84213990 GST: 18%
Cat. Nos	Description	INR List Price*	
10406871	ME25/21 ST 0.45UM 47MM 1000/PK	70,010	
66191ME	ME25/21 ST 0.45uM 47MM 2000/PK	35,260	
10409470	ME25/41 ST 0.45UM 47MM 100/PK	14,010	
10409770	ME25/31 ST 0.45UM 47MM 100/PK	15,490	
10409771	ME25/31 ST 0.45UM 47MM 1000/PK	1,12,670	
10406512	ME25/20 0.45UM 47MM 100/PK	14,660	
10406814	ME25/21 0.45UM 50MM 100/PK GRD	14,320	
10406572	ME25/20 ST 0.45UM 50MM 100/PK	15,760	
10406872	ME25/21 ST 0.45UM 50MM 100/PK	15,910	
10409414	ME25/41 0.45UM 50MM 100/PK	16,090	
10409472	ME25/41 ST 0.45UM 50MM 100/PK	16,060	
10409714	ME25/31 0.45UM 50MM 100/PK	14,320	
10409772	ME25/31 ST 0.45UM 50MM 100/PK	16,110	
10406970	ME24/21 ST 0.2UM 47MM 100/PK	14,370	
10408712	ME24/21 STL 0.2UM 47MM 400/PK	63,780	
10406972	ME24/21 ST 0.2UM 50MM 100/PK	14,250	
10408714	ME24/21 STL 0.2UM 50MM 400/PK	62,720	
10406812	ME25/21 0.45UM 47MM 100/PK GRD	14,660	
10406870	ME25/21 ST 0.45UM 47MM 100/PK	7,890	
10407312	ME25/21 STL 0.45UM 47MM 400/PK	71,410	
10407314	ME25/21 STL 0.45UM 50MM 400/PK	71,040	
10407324	ME25/20 STL 0.45UM 50MM 400/PK	62,160	
10407332	ME25/31 STL 0.45UM 47MM 400/PK	71,040	
10407334	ME25/31 STL 0.45UM 50MM 400/PK	71,040	
10407370	ME25/41 STL 0.45UM 47MM 400/PK	62,210	
10407372	ME25/41 STL 0.45UM 50MM 400/PK	71,730	
10407379	ME25/91 STL 0.45UM 50MM 400/PK	1,44,300	
10407970	ME25/51 ST 0.45UM 47MM 100/PK	25,540	

Mixed Cellulose Ester			HSN code: 84213990 GST: 18%
Cat. Nos	Description	INR List Price*	
10409814	ME26/31 0.6UM 50MM 100/PK	15,180	
10409834	ME26/31 STL 0.6UM 50MM 400/PK	47,260	
10409970	ME27/61 ST 0.8UM 47MM 100/PK	28,550	
10407342	ME27/31 STL 0.8UM 47MM 400/PK	85,810	
10407615	ME27/41 STL 0.8UM 50MM 400/PK	88,360	
10408915	ME27/21 STL 0.8UM 50MM 400/PK	82,570	
10408970	ME27/21 ST 0.8UM 47MM 100/PK	23,920	

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 120°C.

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.

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.



PM 2.5 Air Monitoring Membrane Filters

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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PTFE membranes

PTFE HSN code: 39211900 | GST: 18%

Cat. Nos	Description	INR List Price*
7582-002	PTFE 25MM 0.2UM 100/PK	35,540
7582-004	PTFE 47MM 0.2UM 100/PK	36,220
10411405	TE35 0.2UM 25MM 50/PK	19,240
10411411	TE35 0.2UM 47MM 50/PK	24,660
10411413	TE35 0.2UM 50MM 50/PK	24,540
10411306	TE36 0.45UM 210X297MM 25/PK	5,19,450
10411305	TE36 0.45UM 25MM 50/PK	20,440
10411311	TE36 0.45UM 47MM 50/PK	24,190
10411313	TE36 0.45UM 50MM 50/PK	25,490
10411205	TE37 1UM 25MM 50/PK	19,450
10411211	TE37 1UM 47MM 50/PK	24,660
10411213	TE37 1UM 50MM 50/PK	25,490
10411108	TE38 5UM 37MM 50/PK	23,790
10411111	TE38 5UM 47MM 50/PK	24,660
10411113	TE38 5UM 50MM 50/PK	24,540
10411116	TE38 5UM 90MM 25/PK	42,150
10411119	TE38 5UM 100MM 25/PK	2,08,410

PTFE HSN code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price*
7585-004	PTFE 47MM 0.5UM 100/PK	35,130
7590-004	PTFE 47MM 1.0UM 100/PK	65,200

PTFE HSN code: 84213920 | GST: 18%

Cat. Nos	Description	INR List Price*
7592-104	PM 2.5 PTFE W/PP RING 50/PK	25,790

PTFE HSN code: 84213990 | GST: 18%

Cat. Nos	Description	INR List Price*
7590-002	PTFE 25MM 1.0UM 100/PK	32,610

Polyamide HSN code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price*
10414006	NL16 0.2UM 25MM 100/PK	24,310
10414012	NL16 0.2UM 47MM 100/PK	33,520
10414014	NL16 0.2UM 50MM 100/PK	35,380
10414106	NL17 0.45UM 25MM 100/PK	26,580
10414112	NL17 0.45UM 47MM 100/PK	35,520
10414114	NL17 0.45UM 50MM 100/PK	35,380

Nylon HSN code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price*
7402-001	NYL 13MM 0.2UM 100/PK	16,590
7402-002	NYL 25MM 0.2UM 100/PK	16,630
7402-004	NYL 47MM 0.2UM 100/PK	11,870
7402-009	NYL 90MM 0.2UM 50/PK	42,650
7404-001	NYL 13MM 0.45UM 100/PK	16,260
7404-002	NYL 25MM 0.45UM 100/PK	17,700
7404-004	NYL 47MM 0.45UM 100/PK	15,080
7404-009	NYL 90MM 0.45UM 50/PK	45,470
7408-004	NYL 47MM 0.8UM 100/PK	25,900
7410-004	NYL 47MM 1.0UM 100/PK	25,810

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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Glass microfiber filter accessories

Filter papers
Membrane filters

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 List Price*
1950-002	3 PIECE FUNNEL 2.5CM 1/PK	27,040
1950-007	3 PIECE FUNNEL 7CM 115ML 1/PK	38,960
1950-017	3 PIECE FUNNEL 7CM 210ML 1/PK	42,710
1950-027	3 PIECE FUNNEL 7CM 400ML 1/PK	65,250
1950-012	3 PIECE FUNNEL 12.5CM 1/PK	79,550
1950-117	3 PIECE PTFE PLT 7.0CM 1/PK	14,700

3 Piece funnel		HSN code: 84219900 GST: 18%
Cat. Nos	Description	INR List Price*
1950-004	3 PIECE FUNNEL 4.7CM 1/PK	30,030
1950-009	3 PIECE FUNNEL 9CM 1/PK	41,760
1950-109	3 PIECE PP PLT 9.0CM 1/PK	12,350
1950-114	3 PIECE PTFE PLT 4.7CM 1/PK	12,150
1950-207	3 PIECE 7CM RESERVOIR 1/PK	17,440
1950-209	3 PIECE 9CM RESERVOIR 1/PK	20,570
1950-217	3 PIECE 7CM LRG RESERVOIR 1/PK	20,280

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 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 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



Glass filter funnel



SF 100 Suction Flask

Glass vacuum filtration devices

Glass Vacuum Manifold

HSN code: 70172000 | GST: 18%

Cat. Nos	Description	INR List Price*
1960-002	25MM GLS MEM FILT HLDR 1/PK	39,990
1960-052	25MM SS MEM HLDR 25ML RES 1/PK	45,540
1960-032	25MM GLS MEM HLDR 50MLRES 1/PK	46,500
1960-004	47MM GLS MEM FILT HLDR 1/PK	45,540
1960-054	47MM SS MEM HLDR 300MLRES 1/PK	43,570
1960-009	90MM GLS MEM FILT HLDR 1/PK	1,42,210
1961-054	GLS RESERVOIR 300ML 1/PK	17,050
10441001	GV025/0/01 GLASS FUN 60ML 1/PK	19,690
10441003	GV025/0/03 GLASSFRIT 1/PK	12,250
10442001	GV050/0/01 FUN F/GV050 1/PK	29,130
10442002	GV050/0/02 BASE F/GV050/0 1/PK	19,490
10442003	GV050/0/03 FRIT F/GV050 1/PK	12,460
10442004	GV050/0/05 CENRNG F/GV050 1/PK	4,620
10443001	GV100/0/01 FUNNEL F/GV100 1/PK	41,380
10443002	GV100/0/02 BASE F/GV100 1/PK	49,010
10443003	GV100/0/03 FRIT F/GV100/0 1/PK	51,420
10443004	GV100/0/05 CENTRING F/FRT 1/PK	18,480
10443005	GV100/0/06 CLAMP F/GV100 1/PK	1,02,840

Vacuum filtration equipment

Filter papers
Membrane filters

MV 050 series

The MV series vacuum filtration equipment 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.

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 180°C. 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



Standard clamp closure



Rapid clamp closure



Stainless steel 3-place manifold

Stainless steel Vacuum Manifold HSN code: 39269029 | GST: 18%

Cat. Nos	Description	INR List Price*
10440006	MV050/0/09 ORING FOR LID 1/PK	2,330

Stainless steel Vacuum Manifold HSN code: 39269099 | GST: 18%

Cat. Nos	Description	INR List Price*
10440102	MV050/1/05 PTFE GASKET 1/PK	580

Stainless steel Vacuum Manifold HSN code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price*
10440020	MV050A/0 SS VAC1 500ML 1/PK	2,21,490
10445835	AS310/3 SS VAC3 500ML 1/PK	6,94,610
10444835	AS610/3 SS VAC6 500ML 1/PK	12,71,800
10440003	MV050/0/03 SCR N F/MV050 1/PK	26,160

Stainless steel Vacuum Manifold HSN code: 84219900 | GST: 18%

Cat. Nos	Description	INR List Price*
10464103	ML050/0/03 SSFRIT F/ML050 1/PK	19,600

Stainless steel Vacuum Manifold HSN code: 84811000 | GST: 18%

Cat. Nos	Description	INR List Price*
10498762	SS VACUUMMANI 6-PLACE 1/PK	6,05,690

Stainless steel Vacuum Manifold HSN code: 84818090 | GST: 18%

Cat. Nos	Description	INR List Price*
10498761	SS VACUUMMANI 3-PLACE 1/PK	1,85,610

Inline and syringe type filter holders

Filter papers
Membrane filters

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



Syringe type holders



Polysulfone filter holders



Pop-Top and Swin-Lok plastic filter holders

Stainless steel Filter Holder		HSN code: 84212900 GST: 18%
Cat. Nos	Description	INR List Price*
1980-002	SS SYRINGE MEM HLDR 25MM 1/PK	39,370

Cat. Nos	Description	INR List Price*
1980-002	SS SYRINGE MEM HLDR 25MM 1/PK	39,370

Stainless steel Filter Holder		HSN code: 84219900 GST: 18%
Cat. Nos	Description	INR List Price*
1980-001	SS SYRINGE MEM HLDR 13MM 1/PK	27,240
10460100	FM025/0 SS FILTHOLD 25MM 1/PK	54,670
10464100	ML050/0 SS FILTHOLD 50MM 1/PK	1,49,100

Cat. Nos	Description	INR List Price*
1980-001	SS SYRINGE MEM HLDR 13MM 1/PK	27,240
10460100	FM025/0 SS FILTHOLD 25MM 1/PK	54,670
10464100	ML050/0 SS FILTHOLD 50MM 1/PK	1,49,100

Polycarbonate Filter Folders		HSN code: 84219900 GST: 18%
Cat. Nos	Description	INR List Price*
420100	POP TOP HOLDER 13MM 10/PK	30,480
420200	SWIN-LOK HOLDER 25MM 10/PK	43,770
420400	SWIN-LOK HOLDER 47MM 8/PK	52,090

Cat. Nos	Description	INR List Price*
420100	POP TOP HOLDER 13MM 10/PK	30,480
420200	SWIN-LOK HOLDER 25MM 10/PK	43,770
420400	SWIN-LOK HOLDER 47MM 8/PK	52,090

Microbiology equipment

Filter papers Membrane filters

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



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.

Microbiology equipment



eButler membrane dispenser

Polycarbonate Filter Folders		HSN code: 48239099 GST: 18%
Cat. Nos	Description	INR List Price*
10445868	MBSI AUTOCLAV BAG 20/PK	20,860

Polycarbonate Filter Folders		HSN code: 82032000 GST: 18%
Cat. Nos	Description	INR List Price*
10477602	PZ001 SS TWEEZERS 1/PK	6,850

e-Butler		HSN code: 84212900 GST: 18%
Cat. Nos	Description	INR List Price*
10477103	MEMBRANE-BUTLER ELECTRONIC 1/PK	3,07,720

Filtration devices

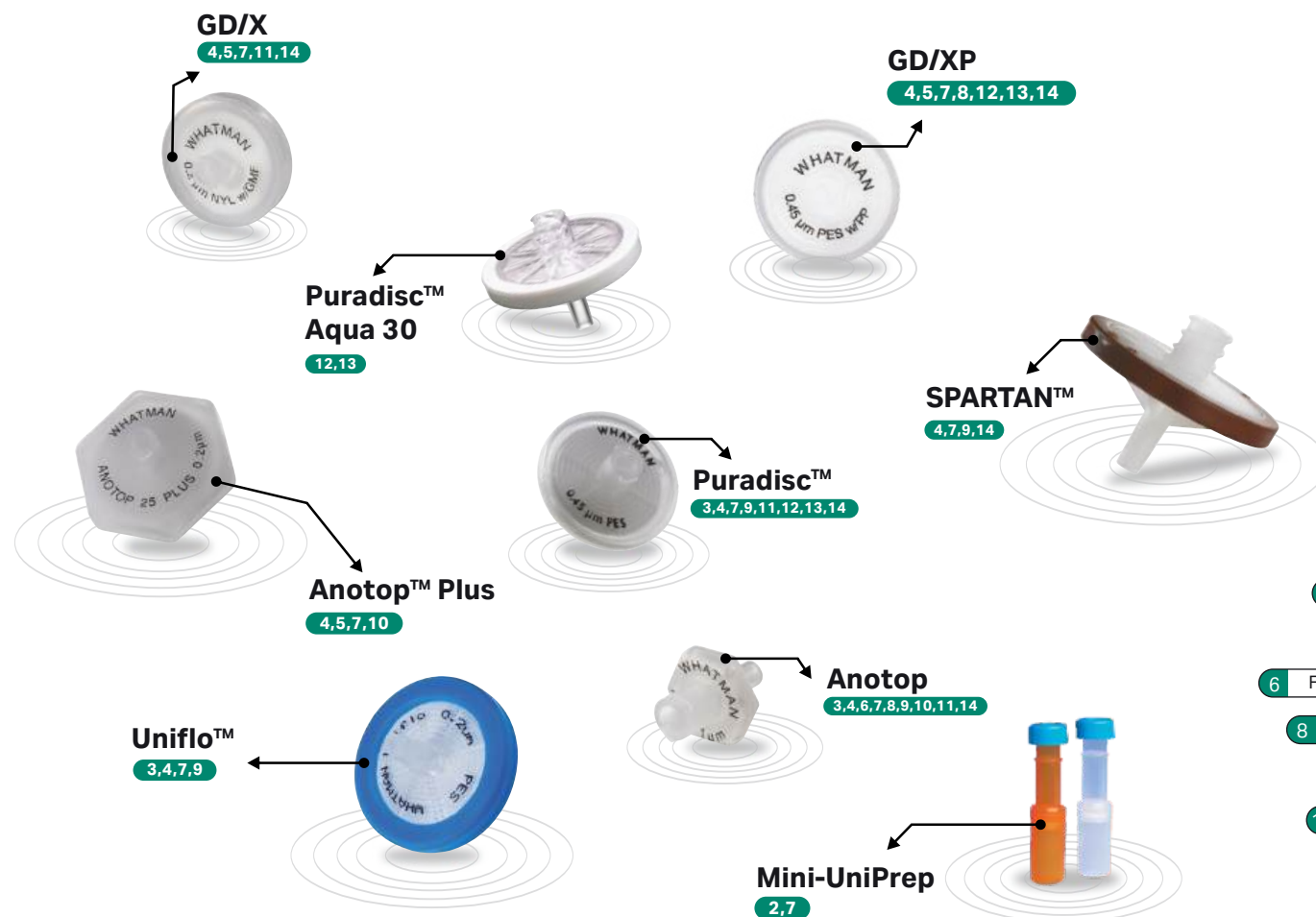
Whatman™ disposable filtration devices are suitable for many types of samples and applications. They are available in a wide variety of membrane choices with polypropylene or polycarbonate housing, and utilize the most advanced construction methods and design features.

05



Filtration devices for small volume sample preparation

Select the optimal Whatman™ filter for your application



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
Benzenet	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 chloridet	–	–	–	–	–	R	NR	NR	NR	–	–	R	R	–
Carbon tetrachloridet	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
Chlorobenzenet	R	–	LR	NR	–	R	NR	LR	–	NR	–	R	R	R
Citric acid	–	–	–	–	–	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
Formaldehydet	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 chloridet	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
Nitrobenzenet	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
Toluenet	R	LR	R	NR	R	R	LR	LR	LR	NR	R	R	R	R
Trichloroethanet	R	NR	LR	NR	R	R	LR	LR	LR	NR	R	R	R	R
Trichloroethylenet	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
Xylenet	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

		Solvents													
		Aqueous													
		Hydrophilic													Hydrophobic
		CN	CA	PES	GMF	NYL	PVDF	ANP	RC	wwPTE	Versapor membrane	Posidyne	Ultipor	DpPP*	PTFE ¹
High performance These syringe filters deliver premium quality with efficiency to meet most analytical needs.	Anotop syringe filters							✓							
	Puradisc syringe filters	✓	✓	✓	✓	✓	✓		✓	✓	✓				✓
	Acrodisc syringe filters			✓	✓	✓	✓		✓	✓		✓	✓	✓	
Difficult filtration For use with high-particulate and viscous samples, these syringe filters contain two or more filter layers to allow efficient filtration without blockage for a cost-effective solution.	Anotop Plus syringe filters							✓							
	Whatman GD/X syringe filters		✓	✓	✓	✓	✓		✓		✓				✓
	GD/XP			✓		✓	✓				✓				✓
Automated systems These sturdy syringe filters are compatible with most high throughput or dissolution systems.	Acrodisc PSF			✓		✓	✓		✓	✓	✓				
	850-DS			✓	✓	✓	✓								✓
Application specific Dedicated uses: HPLC and IC with certification, bioethanol and protein purification production, environmental samples prior to COD/DOC analysis.	IC Acrodisc syringe filters			✓											
	Puradisc Aqua syringe filters		✓												
	SPARTAN Certified syringe filters								✓						
	Protein Prep								✓						
All-in-one Integrated devices include the collection receptacle to save time, reduce waste, and reduce sample handling	Autovial syringeless filters		✓	✓	✓	✓	✓								✓
	UniPrep syringeless filters				✓	✓	✓								✓
	Mini-UniPrep syringeless filters			✓	✓	✓	✓		✓		✓				✓
Advantage Reliable quality, economical portfolio for basic applications.	Uniflo syringe filters			✓	✓	✓	✓			✓					✓
Mobile phase Inline filter devices for degassing solutions used as the carrier phase in analytical equipment.	Aqueous IFD					✓									
	Solvent IFD														

ANP = Anopore membrane
CA = Cellulose acetate
CN = Cellulose nitrate

DpPP = Depth polypropylene filter
GMF = Glass microfiber
NYL = Nylon

PES = Polyethersulfone
H-PTFE = Hydrophilic Polytetrafluoroethylene
PTFE = Polytetrafluoroethylene

PVDF = Polyvinylidene difluoride
RC = Regenerated cellulose

* Mildly Hydrophobic can be used for aqueous sample but exhibits elevated water breakthrough
¹ Select PTFE for applications where prevention of water intrusion is critical

Visit [cytiva.com](https://www.cytiva.com) for additional selection guidance.

Filter diameter and recommended volume

Syringe filters/diameter	Puradisc filter	Anotop filter	Acrodisc filter	Whatman GD/X filter	GD/XP	Anotop Plus filter	Acrodisc PSF filter	850-DS	Puradisc Aqua filter	IC Acrodisc-syringe filter	SPARTAN filter	ProteinPrep	Uniflo filter
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	●								●		●	●	●
32 mm for sample volume 10 to ~ 100 mL			●										
37 mm for sample volume 10 to ~ 100 mL			●										

Syringe filter diameter guide

Size	ANP	CA	CN	NYL	DpPP	PES	PTFE	H-PTFE	wwPTFE	PVDF	RC	GMF	Versapor	Luekosorb
4 mm sterile				●										
4 mm non-sterile				●			●							
10 mm sterile	●													
10 mm non-sterile	●													
13 mm sterile						●				●				
13 mm non-sterile		●		●		●	●	●	●	●	●	●		
25 mm sterile	●	●		●		●				●			●	●
25 mm non-sterile	●	●		●	●	●	●	●	●	●	●	●	●	
30 mm sterile		●	●				●							
30 mm non-sterile		●	●	●		●	●	●		●	●			
32mm sterile						●								
32mm non-sterile						●								
37mm non-sterile														
37mm sterile						●								

ANP = Anopore membrane

CA = Cellulose acetate

CN = Cellulose nitrate

NYL = Nylon

DpPP = Depth polypropylene filter

PES = Polyethersulfone

PTFE = Polytetrafluoroethylene

H-PTFE = Hydrophilic polytetrafluoroethylene

PVDF = Polyvinylidene difluoride

RC = Regenerated cellulose

GMF = Glass microfiber

Filtration membrane and application decision chart

	Solvent											
	Aqueous								Venting, equipment protection			
	PES	GMF/ PES	Quartz/ Nylon	PVDF	Acrylic copolymer	GMF/acrylic copolymer	GMF/ nylon	Depth PP	PTFE	Dessicant or carbon/ PTFE	Carbon/GMF	GMF
Aqueous Filtration of water-based solutions like buffers, growth media, and reagents	AcroPak™ Supor AcroPak Supor EKV AcroCap™ VacuCap™ VacuCap PF Polycap TC	Polydisc AS Polydisc SPF Polycap SPF	–	–	Versapor	Versapor serum capsule	Polycap AS	Polydisc HD Polycap HD Mini Profile	–	–	–	–
Solvent Filtration of solutions such as alcohols, organic solvents, cleaning solvents, oils and polymers	–	–	–	–	–	–	–	Polydisc HD Polycap HD	Polydisc TF Polycap TF ReZist AcroPak PTFE	–	–	–
Venting/inline gas filtration Equipment protection, exhaust filtration, and venting of culture vessels, incubators, lyophilizers, hoods and pumps	–	–	–	–	–	–	–	–	Acrovent Polyvent	–	–	–
Vacuum protection Vacuum protection from particulate or water-intrusion in applications involving aspiration, vacuum filtration, pumps and house vacuum	–	–	–	–	Versapor HEPA	–	–	–	VACU-GUARD 50/60 VacuShield™	VACU-GUARD 150	Carbon capsule	HEPA-VENT HEPA-CAP
Ground-water Filtration of particulate in surface and deep-well water samples prior to total dissolved metals analysis	Polycap GW Aquaprep™ AcroCap	–	Polydisc GW	GWV Capsule	–	–	–	–	–	–	–	–

PES = Polyethersulfone

GMF = Glass microfiber

PTFE = Polytetrafluoroethylene

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.

Whatman Puradisc 4

- Filtration devices – High performance syringe 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

- 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

Refers to sterilization by filtration for small sample use which is an industry term for filters of pore size 0.2 µm or 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).



Puradisc 13 syringe filters with tube tip



Whatman Puradisc 25 syringe filters



Whatman Puradisc 30 syringe filters

High performance syringe filters

Puradisc Syringe Filter			HSN code: 84212900 GST: 18%
Cat. Nos	Description	INR List Price*	
6791-0402	WHATMAN PURADISC 4/0.2 PVDF S 50/PK	34,890	
6779-0402	WHATMAN PURADISC 4/0.2 PVDF 100/PK	41,980	
6779-0404	WHATMAN PURADISC 4/0.45 PVDF 100/PK	58,230	
6784-0402	WHATMAN PURADISC 4/0.2 PTFE 100/PK	22,420	
6783-0402	WHATMAN PURADISC 4/0.2 PTFE 500/PK	90,270	
6784-0404	PURADISC 4/0.45 PTFE 100/PK	22,540	
6783-0404	PURADISC 4/0.45 PTFE 500/PK	90,270	
6789-1301	WHATMAN PURADISC 13/0.1 NYL 100/PK	27,870	
6791-1302	PURADISC 13/0.2 PVDF S 50/PK	42,250	
6777-1302	WHATMAN PURADISC 13/0.2 PVDF TT 50/PK	38,280	
6779-1302	WHATMAN PURADISC 13/0.2 PVDF 100/PK	29,350	
6792-1302	WHATMAN PURADISC 13/0.2 PVDF 500/PK	1,04,290	
6765-1302	WHATMAN PURADISC 13/0.2 PVDF 2000/PK	3,36,170	
6791-1304	WHATMAN PURADISC 13/0.45 PVDF S 50/PK	43,730	
6779-1304	WHATMAN PURADISC 13/0.45 PVDF 100/PK	28,920	
6792-1304	WHATMAN PURADISC 13/0.45 PVDF 500/PK	1,04,290	
6765-1304	WHATMAN PURADISC 13/0.45 PVDF 2000/PK	3,36,170	
6780-1302	WHATMAN PURADISC 13/0.2 PES 50/PK	17,740	
6782-1302	WHATMAN PURADISC 13/0.2 PES 100/PK	27,220	
6780-1304	WHATMAN PURADISC 13/0.45 PES 50/PK	21,840	
6782-1304	WHATMAN PURADISC 13/0.45 PES 100/PK	28,570	
6781-1304	WHATMAN PURADISC 13/0.45 PES 500/PK	1,20,410	
6784-1301	WHATMAN PURADISC 13/0.1 PTFE 100/PK	28,800	
6784-1302	WHATMAN PURADISC 13/0.2 PTFE 100/PK	28,640	
6783-1302	WHATMAN PURADISC 13/0.2 PTFE 500/PK	1,10,710	
6766-1302	WHATMAN PURADISC 13/0.2 PTFE 2000/PK	3,36,170	
6775-1304	WHATMAN PURADISC 13/0.45 PTFE 50/PK	34,710	

Puradisc Syringe Filter			HSN code: 84212900 GST: 18%
Cat. Nos	Description	INR List Price*	
6784-1304	WHATMAN PURADISC 13/0.45 PTFE 100/PK	28,220	
10463713	WHATMAN PURADISC 13/0.45 PTFE MT 100/PK	42,940	
6783-1304	WHATMAN PURADISC 13/0.45 PTFE 500/PK	1,12,350	
6766-1304	WHATMAN PURADISC 13/0.45 PTFE 2000/PK	3,36,170	
6784-1310	WHATMAN PURADISC 13/1.0 PTFE 100/PK	28,220	
6784-1350	WHATMAN PURADISC 13/5.0 PTFE 100/PK	28,640	
6772-1302	PURADISC 13/0.2 H-PTFE 100/PK	39,890	
6773-1302	PURADISC 13/0.2 H-PTFE 500/PK	1,50,130	
6774-1302	PURADISC 13/0.2 H-PTFE 2000/PK	5,19,660	
6772-1304	PURADISC 13/0.45 H-PTFE 100/PK	39,890	
6773-1304	PURADISC 13/0.45 H-PTFE 500/PK	1,50,130	
6774-1304	PURADISC 13/0.45 H-PTFE 2000/PK	4,90,580	
6771-1304	WHATMAN PURADISC 13/0.45 CA 100/PK	29,830	
6818-1304	WHATMAN PURADISC 13/0.45 GMF 500/PK	1,30,650	
6820-1316	WHATMAN PURADISC 13/1.6 GF/A 100/PK	29,430	
6806-1316	WHATMAN PURADISC 13/1.6 GF/A 500/PK	1,48,410	
6821-1310	WHATMAN PURADISC 13/1.0 GF/B 100/PK	28,340	
6822-1312	WHATMAN PURADISC 13/1.2 GF/C 100/PK	29,430	
6823-1327	WHATMAN PURADISC 13/2.7 GF/D 100/PK	29,430	
6825-1307	WHATMAN PURADISC 13/0.7 GF/F 100/PK	28,340	
6750-2502	PURADISC 25/0.2 NYL 50/PK	23,490	
6751-2502	PURADISC 25/0.2 NYL 200/PK	76,770	
6753-2502	PURADISC 25/0.2 NYL 1000/PK	2,11,550	
6750-2504	PURADISC 25/0.45 NYL 50/PK	23,270	
6751-2504	PURADISC 25/0.45 NYL 200/PK	76,200	
6752-2504	PURADISC 25/0.45 NYL 500/PK	1,66,330	
6753-2504	PURADISC 25/0.45 NYL 1000/PK	1,48,190	

High performance syringe filters

Puradisc Syringe Filter			HSN code: 84212900 GST: 18%
Cat. Nos	Description	INR List Price*	
6750-2510	PURADISC 25/1.0 NYL 50/PK	23,490	
6753-2510	PURADISC 25/1.0 NYL 1000/PK	2,13,130	
6746-2502	PURADISC 25/0.2 PVDF 50/PK	41,810	
6747-2502	PURADISC 25/0.2 PVDF 200/PK	81,460	
6746-2504	PURADISC 25/0.45 PVDF 50/PK	41,490	
6747-2504	PURADISC 25/0.45 PVDF 200/PK	95,340	
6749-2504	PURADISC 25/0.45 PVDF 1000/PK	5,34,040	
6784-2501	PURADISC 25/0.1 PTFE 50/PK	25,420	
6798-2501	PURADISC 25/0.1 PTFE 1000/PK	2,11,900	
6784-2502	WHATMAN PURADISC 25/0.2 PTFE 50/PK	24,570	
6785-2502	WHATMAN PURADISC 25/0.2 PTFE 200/PK	75,190	
6798-2502	PURADISC 25/0.2 PTFE 1000/PK	2,11,900	
6784-2504	PURADISC 25/0.45 PTFE 50/PK	25,800	
6785-2504	PURADISC 25/0.45 PTFE 200/PK	76,310	
6798-2504	PURADISC 25/0.45 PTFE 1000/PK	1,50,480	
6784-2510	PURADISC 25/1.0 PTFE 50/PK	25,420	
6798-2510	PURADISC 25/1.0 PTFE 1000/PK	2,15,040	
6772-2502	PURADISC 25/0.2 H-PTFE 50/PK	19,100	
6773-2502	PURADISC 25/0.2 H-PTFE 200/PK	56,490	
6774-2502	PURADISC 25/0.2 H-PTFE 1000/PK	2,48,340	
6772-2504	PURADISC 25/0.45 H-PTFE 50/PK	19,100	
6773-2504	PURADISC 25/0.45 H-PTFE 200/PK	56,490	
6774-2504	PURADISC 25/0.45 H-PTFE 1000/PK	2,34,440	
6788-2504	WHATMAN PURADISC 25/0.45 PP(DP) 200/PK	76,410	
6790-2504	PURADISC 25 0.45PP (DP)1000/PK	2,15,040	
6756-2504	PURADISC 25/0.45 RC 50/PK	22,320	
6757-2504	PURADISC 25/0.45 RC 200/PK	66,340	

Puradisc Syringe Filter			HSN code: 84212900 GST: 18%
Cat. Nos	Description	INR List Price*	
6758-2504	PURADISC 25/0.45 RC 1000/PK	2,71,250	
6825-2517	PURADISC 25/0.7 GF/F 50/PK	22,490	
6825-2527	PURADISC 25/0.7 GF/F 200/PK	72,160	
6787-2520	PURADISC 25/0.7 GF/F 1000/PK	2,10,510	
6783-2510	PURADISC 25/1.0 GD1 100/PK	39,790	
6792-2510	PURADISC 25/1.0 GD1 1000/PK	2,03,890	
6783-2520	WHATMAN PURADISC 25/2.0 GD2 100/PK	41,200	
6780-2502	PURADISC 25/0.2 PES 50/PK	14,810	
6794-2512	PURADISC 25/0.2 PES S 1000/PK	2,03,210	
6781-2502	PURADISC 25/0.2 PES 200/PK	75,190	
6794-2502	PURADISC 25/0.2 PES 1000/PK	2,11,900	
6780-2504	PURADISC 25/0.45 PES 50/PK	15,580	
6794-2514	PURADISC 25/0.45 PES S 1000/PK	2,09,710	
6781-2504	PURADISC 25/0.45 PES 200/PK	75,190	
6794-2504	PURADISC 25/0.45 PES 1000/PK	2,11,900	
6780-2510	WHATMAN PURADISC 25/1.0 PES S 50/PK	18,230	
6781-2510	PURADISC 25/1.0 PES 200/PK	75,190	
6786-2504	WHATMAN PURADISC 25/0.45 PP 50/PK	24,370	
10462600	WHATMAN PURADISC 30/0.45 CA 500/PK	1,41,440	
10462240	WHATMAN PURADISC 30/0.8 CA S 50/PK	25,940	
10462241	WHATMAN PURADISC 30/0.8 CA 50/PK	17,610	
10462243	WHATMAN PURADISC 30/0.8 CA 500/PK	1,31,990	
10462260	WHATMAN PURADISC 30/1.2 CA S 50/PK	26,300	
10462261	WHATMAN PURADISC 30/1.2 CA 50/PK	16,710	
10462263	WHATMAN PURADISC 30/1.2 CA 500/PK	1,39,580	
10462000	WHATMAN PURADISC 30/5.0 CN S 50/PK	26,300	
10462520	WHATMAN PURADISC 30/5.0 CN 50/PK	16,710	

High performance syringe filters

Puradisc Syringe Filter **HSN code: 84212900 | GST: 18%**

Cat. Nos	Description	INR List Price*
10462510	WHATMAN PURADISC30/5.0 CN 100/PK	32,070
10462500	WHATMAN PURADISC30/5.0 CN 500/PK	1,34,350
10463500	WHATMAN PURADISC 30/0.2 PTFE S 50/PK	32,950
10463503	WHATMAN PURADISC 30/0.2 PTFE 100/PK	55,500
10463505	WHATMAN PURADISC 30/0.2 PTFE 500/PK	2,15,190
10463513	WHATMAN PURADISC 30/0.45 PTFE 100/PK	47,280
10463515	WHATMAN PURADISC 30/0.45 PTFE 500/PK	2,26,960
10463523	WHATMAN PURADISC30/1.0 PTFE 100/PK	48,910
10463525	WHATMAN PURADISC 30/1.0 PTFE 500/PK	2,15,190
10463533	WHATMAN PURADISC 30/5.0 PTFE 100/PK	49,630
10463535	WHATMAN PURADISC 30/5.0 PTFE 500/PK	2,15,190
10462205	WHATMAN PURADISC 30/0.2 CA S MLL 50/PK	25,150
10462200	WHATMAN PURADISC 30/0.2 CA S 50/PK	26,680
10462701	WHATMAN PURADISC 30/0.2 CA 50/PK	18,240
10462710	WHATMAN PURADISC 30/0.2 CA 100/PK	40,740
10462206	WHATMAN PURADISC 30/0.2 CA MLL 500/PK	1,42,620
10462700	WHATMAN PURADISC 30/0.2 CA 500/PK	1,34,350
10462100	WHATMAN PURADISC 30/0.45 CA S 50/PK	28,240
10462610	WHATMAN PURADISC 30/0.45 CA 100/PK	33,660

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 List Price*
6772-1302	PURADISC 13/0.2 H-PTFE 100/PK	39,890
6773-1302	PURADISC 13/0.2 H-PTFE 500/PK	1,50,130
6774-1302	PURADISC 13/0.2 H-PTFE 2000/PK	5,19,660
6772-1304	PURADISC 13/0.45 H-PTFE 100/PK	39,890
6773-1304	PURADISC 13/0.45 H-PTFE 500/PK	1,50,130
6774-1304	PURADISC 13/0.45 H-PTFE 2000/PK	4,90,580

Puradisc 25mm - H-PTFE

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price*
6785-2504	PURADISC 25/0.45 PTFE 200/PK	76,310
6798-2504	PURADISC 25/0.45 PTFE 1000/PK	1,50,480
6784-2510	PURADISC 25/1.0 PTFE 50/PK	25,420
6798-2510	PURADISC 25/1.0 PTFE 1000/PK	2,15,040
6772-2502	PURADISC 25/0.2 H-PTFE 50/PK	19,100
6773-2502	PURADISC 25/0.2 H-PTFE 200/PK	56,490
6774-2502	PURADISC 25/0.2 H-PTFE 1000/PK	2,48,340
6772-2504	PURADISC 25/0.45 H-PTFE 50/PK	19,100
6773-2504	PURADISC 25/0.45 H-PTFE 200/PK	56,490
6774-2504	PURADISC 25/0.45 H-PTFE 1000/PK	2,34,440

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.

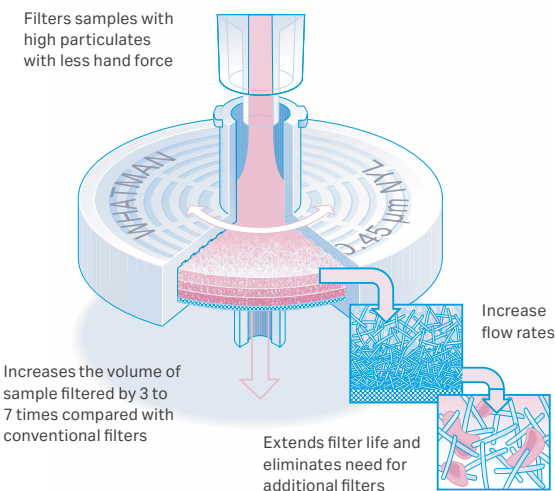
GMF 150 and GF/F are produced from 100% borosilicate glass microfiber. Graded density GMF 150 medium has a coarse top layer meshed with a fine bottom layer that retains particles to 1.0 µm. A GF/F filter then retains particles down to 0.7 µm. The prefilter stack ends with a final membrane.

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 product details



Difficult to filter

GD/X Syringe filter		HSN code: 84212900 GST: 18%
Cat. Nos	Description	INR List Price*
6870-1302	WHATMAN GD/X 13/0.2 NYL 150/PK	35,680
6870-1304	WHATMAN GD/X 13/0.45 NYL 150/PK	35,680
6871-1304	WHATMAN GD/X 13/0.45 NYL 1500/PK	3,36,090
6872-1302	WHATMAN GD/X 13/0.2 PVDF 150/PK	35,260
6872-1304	WHATMAN GD/X 13/0.45 PVDF 150/PK	33,900
6873-1304	WHATMAN GD/X 13/0.45 PVDF 1500/PK	3,36,090
6874-1302	WHATMAN GD/X 13/0.2 PTFE 150/PK	34,600
6875-1302	WHATMAN GD/X 13/0.2 PTFE 1500/PK	3,36,090
6874-1304	WHATMAN GD/X 13/0.45 PTFE 150/PK	33,480
6875-1304	WHATMAN GD/X 13/0.45 PTFE 1500/PK	3,36,080
6876-1302	WHATMAN GD/X 13/0.2 PES 150/PK	46,710
6880-1302	WHATMAN GD/X 13/0.2 CA 150/PK	46,710
6882-1316	WHATMAN GD/X 13/1.6 GMF 150/PK	46,250
6884-1310	WHATMAN GD/X 13/1.0 GMF 150/PK	53,290
6888-1327	WHATMAN GD/X 13/2.7 GMF 150/PK	51,800
6890-1307	WHATMAN GD/X 13/0.7 GMF 150/PK	45,330
6894-1304	WHATMAN GD/X 13/0.45 GMF 150/PK	45,560
6870-2502	WHATMAN GD/X 25/0.2 NYL 150/PK	44,990
6871-2502	WHATMAN GD/X 25/0.2 NYL 1500/PK	3,27,130
6870-2504	WHATMAN GD/X 25/0.45 NYL 150/PK	43,410
6871-2504	WHATMAN GD/X 25/0.45 NYL 1500/PK	3,27,120
6870-2550	GD/X 25/5.0 NYL 150/PK	61,910
6871-2550	WHATMAN GD/X 25/5.0 NYL 1500/PK	3,90,580
6900-2502	WHATMAN GD/X 25/0.2 PVDF S 50/PK	30,160
6872-2502	WHATMAN GD/X 25/0.2 PVDF 150/PK	46,950
6873-2502	WHATMAN GD/X 25/0.2 PVDF 1500/PK	3,73,940
6900-2504	WHATMAN GD/X 25/0.45 PVDF S 50/PK	26,780
6872-2504	WHATMAN GD/X 25/0.45 PVDF 150/PK	46,270
6873-2504	WHATMAN GD/X 25/0.45 PVDF 1500/PK	3,73,940

GD/X Syringe filter		HSN code: 84212900 GST: 18%
Cat. Nos	Description	INR List Price*
6874-2502	WHATMAN GD/X 25/0.2 PTFE 150/PK	44,330
6875-2502	WHATMAN GD/X 25/0.2 PTFE 1500/PK	3,79,540
6874-2504	WHATMAN GD/X 25/0.45 PTFE 150/PK	43,490
6875-2504	WHATMAN GD/X 25/0.45 PTFE 1500/PK	4,24,860
6887-2502	WHATMAN GD/X 25 RC 0.2UM 150/PK	1,11,150
6882-2504	WHATMAN GD/X 25 RC 0.45UM 150/PK	87,370
6883-2504	WHATMAN GD/X 25 RC 0.45UM 1500/PK	5,16,110
6901-2502	WHATMAN GD/X 25/0.2 CA S 50/PK	31,370
6880-2502	WHATMAN GD/X 25/0.2 CA 150/PK	59,810
6901-2504	WHATMAN GD/X 25/0.45 CA S 50/PK	37,360
6880-2504	WHATMAN GD/X 25/0.45 CA 150/PK	60,690
6881-2504	GD/X 25/0.45 CA 1500/PK	4,55,180
6896-2502	WHATMAN GD/X 25/0.2 PES S 50/PK	28,440
6876-2502	WHATMAN GD/X 25/0.2 PES 150/PK	58,930
6905-2502	WHATMAN GD/X 25/0.2 PES 1500/PK	4,46,560
6896-2504	WHATMAN GD/X 25/0.45 PES S 50/PK	28,390
6876-2504	WHATMAN GD/X 25/0.45 PES 150/PK	58,930
6905-2504	WHATMAN GD/X 25/0.45 PES 1500/PK	4,46,560
6882-2516	WHATMAN GD/X 25/1.6 GMF 150/PK	60,170
6883-2516	WHATMAN GD/X 25/1.6 GMF 1500/PK	4,65,260
6884-2510	WHATMAN GD/X 25/1.0 GMF 150/PK	58,940
6886-2512	WHATMAN GD/X 25/1.2 GMF 150/PK	55,600
6888-2527	WHATMAN GD/X 25/2.7 GMF 150/PK	56,670
6890-2507	WHATMAN GD/X 25/0.7 GMF 150/PK	57,400
6891-2507	WHATMAN GD/X 25/0.7 GMF 1500/PK	4,44,410
6902-2504	WHATMAN GD/X 25/0.45 GMF S 50/PK	31,590
6894-2504	WHATMAN GD/X 25/0.45 GMF 150/PK	56,170
6895-2504	WHATMAN GD/X 25/0.45 GMF 1500/PK	4,37,910
6892-2515	WHATMAN GD/X 25/1.5 934-AH 150/PK	59,470

Difficult to filter

GD/XP Syringe Filter

HSN code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price*
6970-2504	WHATMAN GD/XP 25/0.45 NYL 150/PK	83,840
6971-2504	WHATMAN GD/XP 25/0.45 NYL 1500/PK	4,65,510
6972-2504	WHATMAN GD/XP 25/0.45 PVDF 150/PK	77,300
6973-2504	WHATMAN GD/XP 25/0.45 PVDF 1500/PK	4,84,090
6974-2504	WHATMAN GD/XP 25/0.45 PTFE 150/PK	78,770
6994-2504	WHATMAN GD/XP 25/0.45 PES 150/PK	80,750
6995-2504	WHATMAN GD/XP 25/0.45 PES 1500/PK	4,79,180
6992-2504	GDXP 25/0.45 DPPP 150/PK	89,570
6993-2504	WHATMAN GD/XP 25/0.45 DPPP 1500/PK	5,19,710

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 Syringe Filter			HSN code: 84212900 GST: 18%
Cat. Nos	Description	INR List Price*	
9910-1302	UNIFLO 13MM 0.2 NYLON 500/PK	18,990	
9910-1304	UNIFLO 13MM 0.45 NYLON 500/PK	19,560	
9910-2502	UNIFLO 25MM 0.2 NYLON 500/PK	21,350	
9918-2504	UNIFLO 25MM 0.45UM NYLON 100 PK	5,110	
9910-2504	UNIFLO 25MM 0.45 NYLON 500/PK	21,520	
9909-1302	UNIFLO 13MM 0.2 PVDF 500/PK	19,800	
9909-1304	UNIFLO 13MM 0.45 PVDF 500/PK	20,010	
9909-2502	UNIFLO 25MM 0.2 PVDF 500/PK	30,430	
9917-2504	UNIFLO 25MM 0.45 PVDF 100/PK	6,220	
9909-2504	UNIFLO 25MM 0.45 PVDF 500/PK	27,480	
9911-1302	UNIFLO 13MM 0.2 PTFE 500/PK	23,270	
9911-1304	UNIFLO 13MM 0.45 PTFE 500/PK	22,710	
9911-2502	UNIFLO 25MM 0.2 PTFE 500/PK	30,930	
9911-2504	UNIFLO 25MM 0.45 PTFE 500/PK	31,410	
9912-1302	UNIFLO 13MM 0.2 PES 500/PK	28,710	
9912-1304	UNIFLO 13MM 0.45 PES 500/PK	28,710	
9912-2502	UNIFLO 25MM 0.2 PES 500/PK	28,490	
9912-2504	UNIFLO 25MM 0.45 PES 500/PK	29,790	
9920-1302	UNIFLO 13/0.2 H-PTFE 100PK	8,680	
9921-1302	UNIFLO 13/0.2 H-PTFE 500PK	33,350	
9920-1304	UNIFLO 13/0.45 H-PTFE 100PK	8,680	
9921-1304	UNIFLO 13/0.45 H-PTFE 500PK	33,040	
9920-2502	UNIFLO 25/0.2 H-PTFE 100PK	9,090	
9921-2502	UNIFLO 25/0.2 H-PTFE 500PK	39,020	
9920-2504	UNIFLO 25/0.45 H-PTFE 100PK	9,310	
9921-2504	UNIFLO 25/0.45 H-PTFE 500PK	38,240	
9916-1302	UNIFLO 13MM 0.2 PES S 100/PK	10,440	
9914-2502	UNIFLO 25MM 0.2 PES S 45/PK	4,300	

Uniflo Syringe Filter			HSN code: 84212900 GST: 18%
Cat. Nos	Description	INR List Price*	
9916-1304	UNIFLO 13MM 0.45 PES S 100/PK	10,590	
9915-2502	UNIFLO 25MM 0.2 PES S 200/PK	20,930	
9914-2504	UNIFLO 25MM 0.45 PES S 45/PK	4,410	
9915-2504	UNIFLO 25MM 0.45 PES S 200/PK	20,930	
9913-2502	UNIFLO 25MM 0.2 PVDF S 45/PK	4,470	
9913-2504	UNIFLO 25MM 0.45 PVDF S 45/PK	4,460	
9929-3002	UNIFLO 30MM 0.2UM NYL W/GF PREFLTR 100PK	15,380	
9930-3002	UNIFLO 30MM 0.2UM NYL W/GF PREFLTR 500PK	75,210	
9929-3004	UNIFLO 30MM 0.45UM NYL W/GF PREFLTR 100PK	15,380	
9930-3004	UNIFLO 30MM 0.45UM NYL W/GF PREFLTR 500PK	75,210	
9925-3002	UNIFLO 30MM 0.2UM PVDF W/GF PREFLTR 100PK	15,380	
9926-3002	UNIFLO 30MM 0.2UM PVDF W/GF PREFLTR 500PK	75,210	
9925-3004	UNIFLO 30MM 0.45UM PVDF W/GF PREFLTR 100PK	15,380	
9926-3004	UNIFLO 30MM 0.45UM PVDF W/GF PREFLTR 500PK	75,210	
9927-3002	UNIFLO 30MM 0.2UM PTFE W/GF PREFLTR 100PK	15,380	
9928-3002	UNIFLO 30MM 0.2UM PTFE W/GF PREFLTR 500PK	76,150	
9927-3004	UNIFLO 30MM 0.45UM PTFE W/GF PREFLTR 100PK	15,380	
9928-3004	UNIFLO 30MM 0.45UM PTFE W/GF PREFLTR 500PK	75,210	
9923-3002	UNIFLO 30MM 0.2UM PES W/GF PREFLTR 100PK	15,380	
9924-3002	UNIFLO 30MM 0.2UM PES W/GF PREFLTR 500PK	75,210	
9923-3004	UNIFLO 30MM 0.45UM PES W/GF PREFLTR 100PK	15,690	
9924-3004	UNIFLO 30MM 0.45UM PES W/GF PREFLTR 500PK	75,270	

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 Syringe filters

Anotop Syringe Filter

HSN code: 69091990 | GST: 18%

Cat. Nos	Description	INR List Price*
6809-1102	WHATMAN ANOTOP 10/0.02 S 50/PK	55,070

Anotop Syringe Filter

HSN code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price*
6809-1002	WHATMAN ANOTOP 10/0.02 50/PK	41,570
6809-1112	WHATMAN ANOTOP 10/0.1 S 50/PK	53,750
6809-1012	WHATMAN ANOTOP 10/0.1 50/PK	51,410
6809-1122	WHATMAN ANOTOP 10/0.2 S 50/PK	62,420
6809-1022	WHATMAN ANOTOP 10/0.2 50/PK	70,220
6809-2102	WHATMAN ANOTOP 25/0.02 S 50/PK	74,230
6809-2002	WHATMAN ANOTOP 25/0.02 50/PK	45,160
6809-2112	WHATMAN ANOTOP 25/0.1 S 50/PK	98,330
6809-2012	WHATMAN ANOTOP 25/0.1 50/PK	56,020
6809-2122	WHATMAN ANOTOP 25/0.2 S 50/PK	80,310
6809-2022	WHATMAN ANOTOP 25/0.2 50/PK	46,960
6809-3102	WHATMAN ANOTOP PLUS 10/0.02 S 50/PK	60,780
6809-3002	WHATMAN ANOTOP PLUS 10/0.02 50/PK	38,560
6809-3012	WHATMAN ANOTOP PLUS 10/0.1 50/PK	37,970
6809-3022	WHATMAN ANOTOP PLUS 10/0.2 50/PK	42,770
6809-4102	WHATMAN ANOTOP PLUS 25/0.02 S 50/PK	87,880
6809-4002	WHATMAN ANOTOP PLUS 25/0.02 50/PK	63,930
6809-4012	WHATMAN ANOTOP PLUS 25/0.1 50/PK	79,800
6809-4022	WHATMAN ANOTOP PLUS 25/0.2 50/PK	60,680

Whatman™ SPARTAN™ HPLC certified syringe filters

Whatman™ SPARTAN™ syringe filters ensure reproducible results from the filtration of organic or aqueous solutions for HPLC. 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.

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.



Whatman SPARTAN 30 mm syringe filter

Spartan Syringe Filter HSN code: 84212900 | GST: 18%

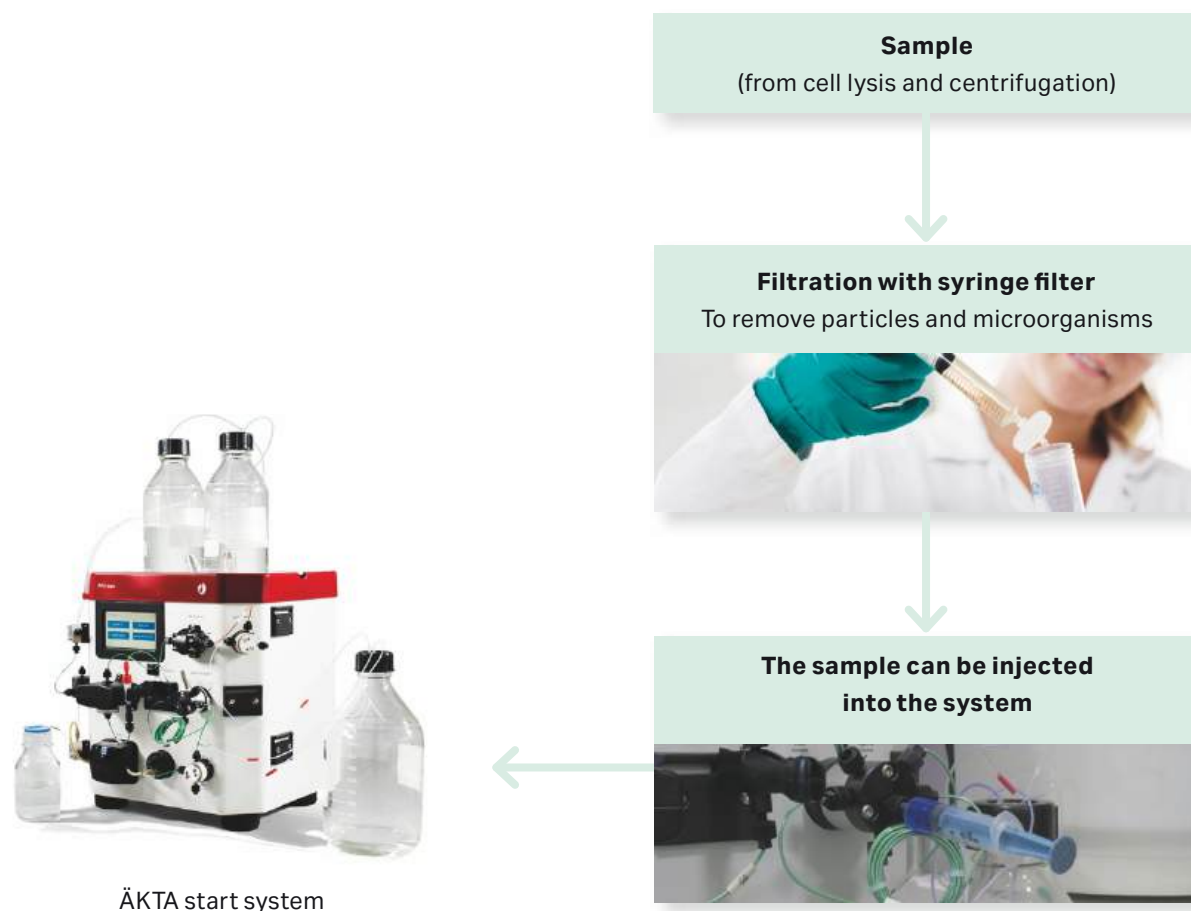
Cat. Nos	Description	INR List Price*
10463040	WHATMAN SPARTAN 13/0.2 RC MT 100/PK	32,950
10463100	WHATMAN SPARTAN 13/0.2 RC 100/PK	32,950
10463042	WHATMAN SPARTAN 13/0.2 RC MT 500/PK	1,28,670
10463102	WHATMAN SPARTAN 13/0.2 RC 500/PK	1,27,020
10463030	WHATMAN SPARTAN 13/0.45 RC MT 100/PK	31,970
10463110	WHATMAN SPARTAN 13/0.45 RC 100/PK	33,630
10463032	WHATMAN SPARTAN 13/0.45 RC MT 500/PK	1,27,020
10463112	WHATMAN SPARTAN 13/0.45 RC 500/PK	1,31,310
10463060	WHATMAN SPARTAN 30/0.2 RC 100/PK	35,160
10463062	WHATMAN SPARTAN 30/0.2 RC 500/PK	93,540
10463053	WHATMAN SPARTAN 30/0.45 RC 50/PK	21,020
10463050	WHATMAN SPARTAN 30/0.45 RC 100/PK	37,660
10463052	WHATMAN SPARTAN 30/0.45 RC 500/PK	93,680

Scan the QR code
for product details



Whatman™ Protein Prep syringe filter for ÄKTA™ systems

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



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 Syringe Filter

HSN code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price*
10463103	WHATMAN PROTEIN PREP 13/0.2RC 150/PK	79,640
10463113	WHATMAN PROTEIN PREP 13/0.45C 150/PK	79,640

Protein Prep Syringe Filter

HSN code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price*
10463033	WHATMAN PROTEIN PREP 30/0.45RC 150/PK	87,600
10463043	WHATMAN PROTEIN PREP 30/0.2 RC 150/PK	87,600

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 wide range of pore sizes and materials.

Agilent 850-DS Syringe Filter

HSN code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price*
7707-3500	850-DS 8-CHANNEL FLTR PLT 0.2UM NYL 50/PK	77,880
7707-3100	850-DS 8-CHANNEL FLTR PLT 0.45UM NYL 50/PK	77,880
7707-3700	850-DS 8 CHANNEL FLTR PLT 0.2UM PVDF 50/PK	87,030
7707-3800	850-DS 8 CHANNEL FLTR PLT 0.45UM PVDF 50/PK	93,810
7707-3400	850-DS 8-CHANNEL FLTR PLT 0.2UM PTFE 50/PK	77,880
7707-3000	850-DS 8-CHANNEL FLTR PLT 0.45 PTFE 50/PK	80,800
7707-3600	850-DS 8-CHANNEL FLTR PLT 0.2UM PES 50/PK	77,880
7707-3200	850-DS 8-CHANNEL FLTR PLT 0.45 PES 50/PK	80,800
7707-3300	850-DS 8 CHANNEL FLTR PLT 0.7UM GMF 50/PK	76,590
7707-3900	850-DS 8 CHANNEL FLTR PLT 1.0UM GMF 50/PK	1,14,690



Whatman 850-DS 8-Channel Filter Plate

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™ 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.



Whatman Mini-UniPrep syringeless filters

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

Mini-Uniprep Syringeless Filter		HSN code: 84212900 GST: 18%
Cat. Nos	Description	INR List Price*
UN203NPENYL	MUP 0.2UM NYL 100/PK	24,670
UN503NPENYL	MUP 0.2UM NYL 1000/PK	2,99,660
UN203NPUNYL	MUP 0.45UM NYL 100/PK	24,310

Mini-Uniprep Syringeless Filter		HSN code: 84212900 GST: 18%
Cat. Nos	Description	INR List Price*
UN203NPUAQU	MUP 0.45UM PVDF 100/PK	24,490
UN503NPUAQU	MUP 0.45UM PVDF 1000/PK	2,17,160
UN203NPEORG	MUP 0.2UM PTFE 100/PK	23,660

Mini-Uniprep Syringeless Filter		HSN code: 84212900 GST: 18%
Cat. Nos	Description	INR List Price*
UN503NPUNYL	MUP 0.45UM NYL 1000/PK	2,32,670
UN203NPEAQU	MUP 0.2UM PVDF 100/PK	24,310
UN503NPEAQU	MUP 0.2UM PVDF 1000/PK	2,17,160

Mini-Uniprep Syringeless Filter		HSN code: 84212900 GST: 18%
Cat. Nos	Description	INR List Price*
UN503NPEORG	MUP 0.2UM PTFE 1000/PK	2,17,160
UN203NPUORG	MUP 0.45UM PTFE 100/PK	24,810
UN503NPUORG	MUP 0.45UM PTFE 1000/PK	2,17,160

Mini-Uniprep syringe-less filters

Mini-Uniprep Syringeless Filter HSN code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price*
UN203NPUORG	MUP 0.45UM PTFE 100/PK	24,810
UN503NPUORG	MUP 0.45UM PTFE 1000/PK	2,17,160
UN203NPERC	MUP 0.2UM RC 100/PK	26,790
UN503NPERC	MUP 0.2UM RC 1000/PK	2,32,240
UN203NPURC	MUP 0.45UM RC 100/PK	27,860
UN203NPUDPP	MUP 0.45UM DPPP 100/PK	24,310
UN503NPUDPP	MUP 0.45UM DPPP 1000/PK	2,24,760
UN203NPUGMF	MUP 0.45UM GMF 100/PK	24,490
US503NPENYL	MUP SS 0.2UM NYL 1000/PK	3,81,630
US203NPUNYL	MUP SS 0.45UM NYL 100/PK	31,920
US203NPEAQU	MUP SS 0.2UM PVDF 100/PK	30,160
US503NPEAQU	MUP SS 0.2UM PVDF1000/PK	3,81,630
US203NPUAQU	MUP SS 0.45UM PVDF 100/PK	29,990
US503NPUAQU	MUP SS 0.45UM PVDF 1000/PK	3,81,630
US203NPEORG	MUP SS 0.2UM PTFE 100/PK	30,160
US503NPEORG	MUP SS 0.2UM PTFE1000/PK	3,81,630
US203NPUORG	MUP SS 0.45UM PTFE100/PK	30,160
US503NPUORG	MUP SS 0.45UM PTFE 1000/PK	3,81,630
US203NPUPES	MUP SS 0.45UM PES 100/PK	31,220
US503NPUDPP	MUP SS 0.45UM DPP 1000/PK	3,94,990
US203NPUGMF	MUP SS 0.45UM GMF 100/PK	31,220
US503NPUGMF	MUP SS 0.45UM GMF 1000/PK	3,81,630
UN203APEAQU	MUP AMB 0.2UM PVDF 100/PK	30,140
UN203APUORG	MUP AMB 0.45UM PTFE 100/PK	26,970

Mini-Uniprep Syringeless Filter HSN code: 84798970 | GST: 18%

Cat. Nos	Description	INR List Price*
MUPMCPBC8	MUP MULTI COMP PUR/BLU 1/PK	65,640

Mini-Uniprep Syringeless Filter HSN code: 84799090 | GST: 18%

Cat. Nos	Description	INR List Price*
MUPMCBT8	MUP MULTI COMPRESSOR TRAY	4,990

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

Uniprep Syringeless Filter		HSN code: 84212900 GST: 18%
Cat. Nos	Description	INR List Price*
UN113UNYL	UP 0.45UM NYL 50/PK	27,040
UN113UORG	UP 0.45UM PTFE 50/PK	25,190
UN113UGMF	UP 0.45UM GMF 50/PK	26,390

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 Syringeless Filter		HSN code: 84212900 GST: 18%
Cat. Nos	Description	INR List Price*
AV115NPUAQU	AV5 0.45UM PVDF 50/PK	28,990
AV115NPEORG	AV5 0.2UM PTFE 50/PK	30,610
AV115NPUORG	AV5 0.45UM PTFE 50/PK	26,060
AV115UGMF	AV5 0.45UM GMF 50/PK	29,810
AV125ENAO	AV12 0.2UM NYL 50/PK	35,060
AV125UNAO	AV12 0.45UM NYL 50/PK	35,410
AV525UNAO	AV12 0.45UM NYL 1000/PK	5,37,720
AV125EAQU	AV12 0.2UM PVDF 50/PK	34,530

Autovial Syringeless Filter		HSN code: 84212900 GST: 18%
Cat. Nos	Description	INR List Price*
AV125UAQU	AV12 0.45UM PVDF 50/PK	35,410
AV125NPUAQU	AV12 0.45UM PVDF N/PRE 50/PK	34,360
AV125EORG	AV12 0.2UM PTFE 50/PK	34,530
AV125UORG	AV12 0.45UM PTFE 50/PK	36,670
AV525UORG	AV12 0.45UM PTFE 1000/PK	5,37,720
AV125UGMF	AV12 0.45UM GMF 50/PK	35,930

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

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 AS Filters

Polydisc TF

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 Filters		HSN code: 84213990 GST: 18%
Cat. Nos	Description	INR List Price*
6720-5001	POLYDISC 50 0.1 PTFE 10/PK	22,510
6720-5002	POLYDISC 50 0.2 PTFE 10/PK	22,570
6720-5045	POLYDISC 50 0.45 PTFE 10/PK	24,660
6721-5010	POLYDISC 50 1.0 PTFE 10/PK	22,330

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 Filters		HSN code: 84212900 GST: 18%
Cat. Nos	Description	INR List Price*
10463400	POLYDISC GW 0.45UM 20/PK	20,100
10463401	POLYDISC GW 0.45UM 50/PK	74,330

Polydisc Filters		HSN code: 84212910 GST: 18%
Cat. Nos	Description	INR List Price*
6728-5050	POLYDISC HD 5.0 DPPP 10/PK	21,340
6728-5100	POLYDISC HD 10.0 DPPP 10/PK	21,340
2227	POLYDISC HD 5.0 50/PK E/E	78,170

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 filter

Features and benefits

- Prevents fluid and aerosol 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

Polydisc Filters		HSN code: 84213990 GST: 18%
Cat. Nos	Description	INR List Price*
6722-5000	VACUGUARD 50 0.45 PTFE 10/PK	26,060
6722-5001	VACUGUARD 60 0.45 PTFE 10/PK	26,060
6722-1001	VACUGUARD 150 0.45 TF/AC 1/PK	26,110

Polydisc Filters		HSN code: 84213920 GST: 18%
Cat. Nos	Description	INR List Price*
6722-1002	VACUGUARD 150 0.45 TF/D 1/PK	21,700



VACU-GUARD disc filters



VACU-GUARD 150 capsule filters

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 cm² 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 µm or 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).

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 integral vent filters



HEPA-VENT and HEPA-CAP filters

Polydisc filters

Polydisc Filters		HSN code: 84213920 GST: 18%
Cat. Nos	Description	INR List Price*
6724-5002	POLYDISC AS 0.2 GF/PES GI 10/PK	33,500
6724-5145	POLYDISCAS 0.45 GF/PES 50/PK	77,120

Polydisc Filters		HSN code: 84213990 GST: 18%
Cat. Nos	Description	INR List Price*
6713-5036	POLYVENT 500 0.2 PTFE 1/PK	14,470
6713-1075	POLYVENT 1000 0.2 PTFE 1/PK	18,460
6713-0425	POLYVENT 25MM 0.2 PTFE 50/PK	29,650
6713-1650	POLYVENT 50MM 0.2 PTFE 10/PK	26,780
6713-1651	POLYVENT 50MM 0.2 PTFE 100/PK	1,58,620
6702-3600	HEPA-CAP 36 1/PK A/A	10,390
2609T	HEPA-CAP 36 5/PK G/G	44,510

Polydisc Filters		HSN code: 84213920 GST: 18%
Cat. Nos	Description	INR List Price*
6724-5000	POLYDISC SPF 1.0 GF/PES 10/PK	20,290
2103	POLYVENT 500 0.2TF 1/PK B/B	15,360
2107	POLYVENT 2000 0.2TF 1/PK B/B	25,570
2108	POLYVENT 2000 0.2TF 1/PK H/H	22,460

Polydisc Filters		HSN code: 70199000 GST: 18%
Cat. Nos	Description	INR List Price*
6702-7500	HEPA-CAP 75 1/PK B/B	14,330
6723-5000	HEPA-VENT 50 GF 10/PK	15,370

Polydisc Filters		HSN code: 70199090 GST: 18%
Cat. Nos	Description	INR List Price*
2709T	HEPA-CAP 75 5/PK G/G	82,520
6702-9500	HEPA-CAP 150 1/PK B/B	16,160
2809T	HEPACAP 150 5/PK G/G	73,620

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.

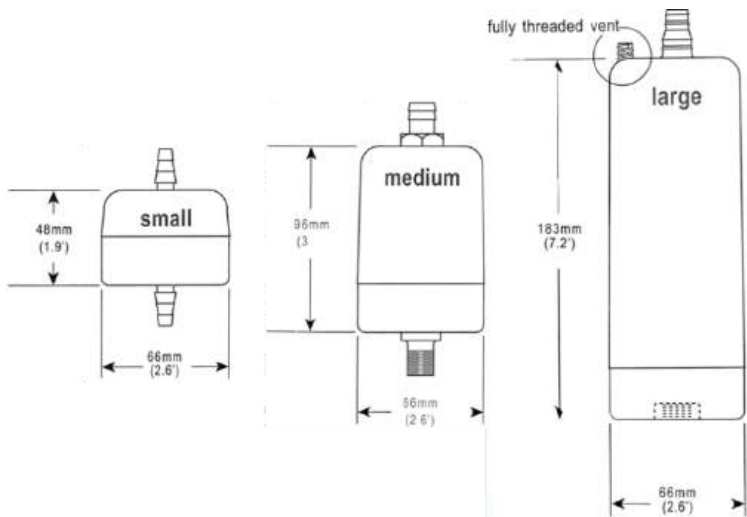
These capsules are available with a variety of end fittings for easy connection in a range of process lines.

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. Vacuum 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 membranes

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. Ophthalmic 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



Polycap HD

Polypropylene depth filter

Application

2 5

7 17

Sample type

A B C E
H K L N



Carbon Cap

Activated carbon and glass microfiber

Application

3 8 10

11 17

Sample type

A D F



Polycap GW

Polyethersulfone membrane

Application

4

Sample type

G



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

Capsule filters

Polycap Capsule Filters HSN code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price*
6705-3604	POLYCAP 36 0.45 AS 1/PK A/A S	9,520
2706T	POLYCAP 75 0.2 AS 5/PK G/G	65,570
2707NS	POLYCAP 75 0.45 AS 5/PK A/A	65,040
2710	POLYCAP 75 0.2/.45 HD 5/PK D/D	59,950
2714T	POLYCAP 75 10/20 HD 5/PK G/G	62,340
2813	POLYCAP 150 5/10 HD 5/PK D/D	76,120
6705-7500	POLYC75SPF GF/1.0 PES 1/PK A/A	14,280
2820	POLYC150SPF GF/1.0PES 5/PK D/D	1,71,910
6714-3602	POLYC36 0.2/0.2 PES 1/PK A/A S	13,440
6715-3602	POLY36 .2/.2 PES 1/PK A/A/S/WB	13,290
6715-3604	POLY36 .6/.45PES 1/PK A/A/S/WB	13,670
6715-3682	POLY36 .8/.2PES 1/PK A/A/S/WB	13,320
6714-7502	POLYC75 0.2/0.2 PES 1/PK A/A S	21,080
6715-7502	POLY75 .2/.2 TC 1/PK A/A/S/WB	20,130
6715-7582	POLY75 0.8/0.2PES 1/PK A/A/S/WB	19,670
6717-9501	POLY150 0.2/0.1 PES 1/PK B/B/S	38,580
6717-9502	POLY150 0.2/0.2 PES 1/PK B/B/S	26,520
6717-9504	POLY150 .6/0.45 PES 1/PK B/B/S	26,440
6710-3602	POLYCAP 36 0.2 PTFE 1/PK B/B	14,150
6700-3602	POLYCAP 36 0.2 PTFE 1/PK A/A	14,650
2601	POLYCAP 36 0.2 PTFE 5/PK A/A	64,340
2601T	POLYCAP 36 0.2 PTFE 5/PK G/G	72,640
6711-3604	POLYCAP 36 0.45 PTFE 1/PK F/A	15,070
2602S	POLYCAP 36 0.45 PTFE 5/PK H/H	64,170
6700-3610	POLYCAP 36 1.0 PTFE 1/PK A/A	14,890
2603	POLYCAP 36 1.0 PTFE 5/PK A/A	64,160
2603T	POLYCAP 36 1.0 PTFE 5/PK G/G	72,640

Polycap Capsule Filters HSN code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price*
2700T	POLYCAP 75 0.1 PTFE 5/PK G/G	85,740
6710-7502	POLYCAP 75 0.2 PTFE 1/PK B/B	18,760
6700-7502	POLYCAP 75 0.2 PTFE 1/PK A/A	18,240
2702M	POLYCAP 75 0.2 PTFE 5/PK F/F	85,740
2702T	POLYCAP 75 0.2 PTFE 5/PK G/G	85,740
6700-7504	POLYCAP 75 0.45 PTFE 1/PK A/A	20,540
2703T	POLYCAP 75 0.45 PTFE 5/PK G/G	94,190
6717-7504	POLYCA75 .6/.45 PES 1/PK B/B/S	20,130
6701-7510	POLYCAP 75 1.0 PTFE 1/PK A/A	21,310
2802T	POLYCAP 150 0.2 PTFE 5/PK G/G	1,14,980
2801	POLYCAP 150 0.2 PTFE 5/PK H/H	1,22,330
2803T	POLYCAP 150 0.45 PTFE 5/PK G/G	1,17,940
2804T	POLYCAP 150 1.0 PTFE 5/PK G/G	1,14,310

Polycap Capsule Filters HSN code: 84212910 | GST: 18%

Cat. Nos	Description	INR List Price*
6718-9502	POLY150 .2/.2 PES 1/PKB/B/S/WB	26,270
6718-9582	POLY150 .8/0.2PES 1/PKB/A/S/WB	24,400

Polycap Capsule Filters HSN code: 84213920 | GST: 18%

Cat. Nos	Description	INR List Price*
6705-3602	POLYCAP 36 0.2 AS 1/PK A/A S	10,440
6714-3601	POLYC36 0.2/0.1 PES 1/PK A/A S	16,710

Capsule filters

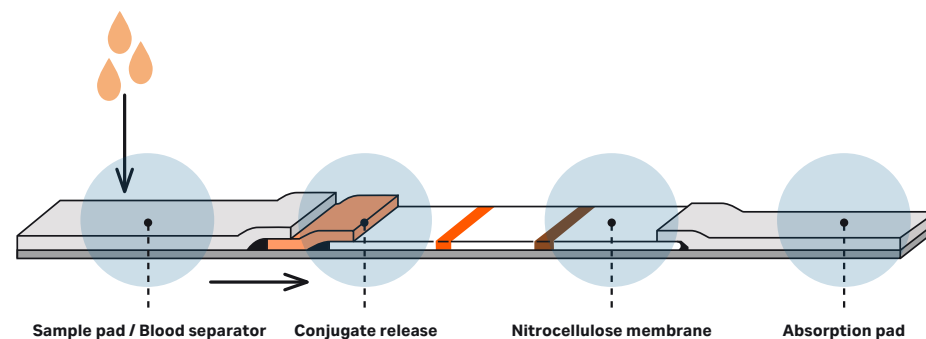
Polycap Capsule Filters			HSN code: 84213990 GST: 18%
Cat. Nos	Description	INR List Price*	
6708-3602	POLYCAP 36 0.2 AS 1/PK B/B S	10,440	
6709-3602	POLYCAP 36 0.2 AS 1/PK F/A S	9,550	
6706-3602	POLYCAP36 0.2 AS 1/PK A/A S/WB	10,320	
2606T	POLYCAP 36 0.2 AS 5/PK G/G	63,420	
2610T	POLYCAP 36 .2/.45 HD 5/PK G/G	46,480	
2611T	POLYCAP 36 .45/1.0 HD 5/PK G/G	48,240	
2612T	POLYCAP 36 1.0/5.0 HD 5/PK G/G	44,930	
6703-3610	POLYCAP 36 1.0 HD 1/PK A/A	9,460	
6703-3650	POLYCAP 36 5.0 HD 1/PK A/A	9,830	
2614T	POLYCAP 36 10/20 HD 5/PK G/G	45,550	
6703-3611	POLYCAP 36 10.0 HD 1/PK A/A	9,460	
6703-3621	POLYCAP 36 20.0 HD 1/PK A/A	9,460	
6703-7510	POLYCAP 75 1.0 HD 1/PK B/B	12,390	
2711T	POLYCAP 75 .45/1.0 HD 5/PK G/G	61,740	
6703-7550	POLYCAP 75 5.0 HD 1/PK B/B	12,860	
2712M	POLYCAP 75 1.0/5.0 HD 5/PK F/F	60,020	
2712T	POLYCAP 75 1.0/5.0 HD 5/PK G/G	60,020	
6703-7511	POLYCAP 75 10.0 HD 1/PK B/B	12,860	
2713T	POLYCAP 75 5/10 HD 5/PK G/G	62,600	
6703-7521	POLYCAP 75 20.0 HD 1/PK B/B	12,860	
2810	POLYCAP 150 .2/.45 HD 5/PK D/D	74,820	
2810T	POLYCAP 150 .2/.45 HD 5/PK G/G	71,930	
2812T	Polycap HD 150 Cap, 5.0 µm, FNPT, 5/p	74,660	
2813T	POLYCAP 150 5/10 HD 5/PK G/G	72,420	
2814T	POLYCAP 150 10/20 HD 5/PK G/G	71,930	
6705-3600	POLYC36SPF GF/1.0 PES 1/PK A/A	10,710	
6714-3604	POLYC36 .6/0.45 PES 1/PK A/A S	13,440	

Polycap Capsule Filters			HSN code: 84213990 GST: 18%
Cat. Nos	Description	INR List Price*	
6714-7501	POLYC75 0.2/0.1 PES 1/PK A/A S	24,330	
6717-7510	POLYC75 1.0/1.0 PES 1/PK B/B/S	20,130	
6704-9502	POLYCAP 150 0.2 PES 5/PK H/H	1,14,530	
6714-6004	POLYCAP GW 0.45 PES 1/PK	9,750	
6704-7500	CARBON CAP 75 GF 1/PK B/B	27,590	
6704-1500	CARBON CAP 150 GF 1/PK B/B	27,570	

Lateral flow immunoassay

Membranes and reagents for lateral-flow and flow-through assays and ELISAs

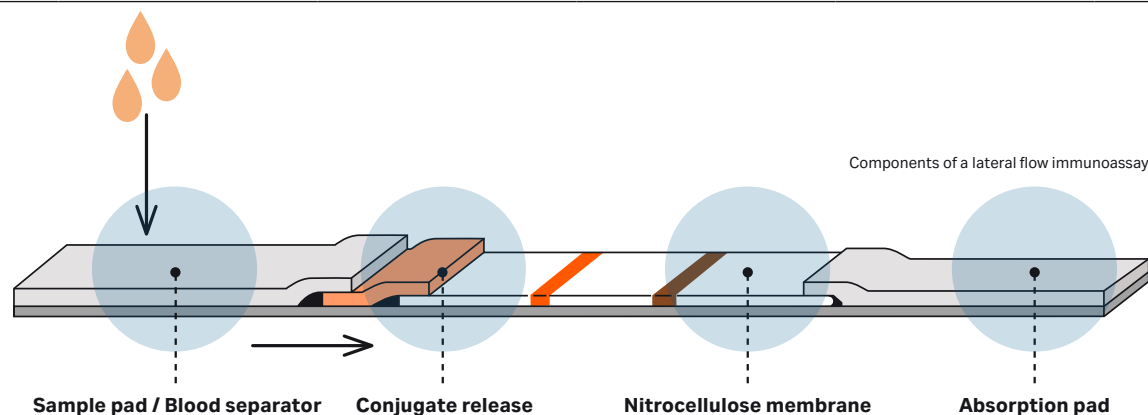
06



Lateral-flow immunoassays

Membranes and paper for a range of applications

	Lateral-flow	Flow-through	Dip stick and dry chemistry	Line blot/ Western blot	Membrane based ELISA	Capture and purification Cell isolation of nucleic acids	
Test type	Point-of-Care Immunoassay			Lab-based Immunoassay		Molecular assay	
Applications	Easy to use tests, requiring low user skill and providing rapid response times Used in areas such as: • Pregnancy • COVID-19 • Malaria	Easy to develop tests, providing a rapid assay result but requiring more skilled sample prep. Used in areas such as: • HIV • Hepatitis • Influenza	Cheap, rapid enzymatic tests for finding low molecular weight molecules. Commonly used in GP surgeries and in areas applications such as: • Diabetes • Cholesterol • Urine Infections	Test that can be multiplexed to support limited sample volumes. Commonly used for: • Autoimmune disorders • Allergy testing	Test that can be multiplexed to support limited sample volumes. Commonly used for: • Autoimmune disorders • Allergy testing	Cost-effective solution for nucleic acid extraction. Used for: • Molecular diagnostic kit development	Efficient recovery of cellular material before microscopic analysis. Used for: • Liquid cytology
Components used	• Nitrocellulose membrane • Cellulose fiber • Glass fiber • Vivid™ Plasma Separation membrane (PSM) • Leukosorb white blood cell separation media	• Nitrocellulose membrane • Cellulose fiber • Nylon	• Cellulose fiber • Asymetric Polysulfone	• Nitrocellulose membrane • Nylon	• Polyvinylidene fluoride (PVDF) membrane • Nitrocellulose membrane	• Glass fiber	• Polycarbonate/Polyethylene • Terephthalate (PET) track-etched membrane
Services	Training, contract development, workshops, SPR analysis, and contract manufacturing						



Lateral flow immunoassay

LFA starter packs

HSN Code : 48232000 | GST : 18%

Cat. No	Description	INR Price*
29363634	LF Starter Pack CF+GF	23260

Cellulose pads

HSN Code : 48232000 | GST : 18%

Cat. No	Description	INR Price*
8111-10008	CF1 A4 sheets 25/PK	4560
8111-2250	CF1 22MMX50M	17530
8112-6621	CF2 A4 sheets 50/PK	8550
8112-2250	CF2 22mm x 50m 1pk	17530
8113-6621	CF3 A4 sheets 50/PK	8550
8113-2250	CF3 22MMX50M	17200
8114-6621	CF4 A4 x 50 SHTS	12150
8114-2250	CF4 22MMX50M	17530
8115-6621	CF5 A4 sheets 50/PK	49120
8115-2250	CF5 22MMX50M	17530
8116-6621	CF6 A4 sheets 50/PK	83170
8116-2250	CF6 22MMX50M	17800
8117-6621	CF7 A4 sheets 50/PK	15790
8117-2250	CF7 22MMX50M	25400

Glass fiber pads- Blood separator

HSN Code : 70193900 | GST : 18%

Cat. No	Description	INR Price*
10539879	33Glass 25MMx50M 1/PK	45770
10534088	33Glass 210X297MM 25/PK	46900
10537807	33Glass 210x297MM 100/PK	53380
8121-6621	LF1 A4 sheets 50/PK	26240
8121-1250	LF1 12MMX50M	5690
8121-1750	LF1 17MMX50M	15030
8122-6621	MF1 210 X 297MM PK/50	24190
8122-1750	MF1 17MMx50M	10930
8122-2250	MF1 22MMx50M	17440
18356621	GF/DVA A4 sheets 50/PK	60610

Glass fiber pads- Blood separator

HSN Code : 70193900 | GST : 18%

Cat. No	Description	INR Price*
8145-2250	GF/DVA 22MMx50M REEL	19730
8124-6621	VF2 A4 sheets 50/PK	50720
8124-1750	VF2 17MMx50M	13900

Glass fiber pads- Blood separator

HSN Code : 70199090 | GST : 18%

Cat. No	Description	INR Price*
S70002	CytoSep 1660 8in X 10in sheet 1/PK	4550
BSPCY602030P	CytoSep 1660 20CM X 30CM 100PK	23460
S70004	CytoSep 1662 8in X 10in sheet 1/PK	4550
BSPCY622030P	CytoSep 1662 20CM X 30CM 100PK	26970
S70005	CytoSep 1663 8 inch X 10 inch sheet 1/PK	4550
BSPCY6316P	CytoSep 1663 16MMX300MM 100PK	3830

Plasma separator

HSN Code : 39211900 | GST : 18%

Cat. No	Description	INR Price*
T9EXPPA0200S00R	Vivid Plasma Separation GR 8in x11in 1pk	4920
T9EXPPA0200S00A	Vivid Plasma Separation GF 8in x11in 1pk	4920
T9EXPPA0200S00X	Vivid Plasma Separation GX 8in x11in 1pk	4920
T9EXPPA0080S00M	MMM 0.8um 8in X 11in sheet 1/PK	4660

White blood cell isolation Pads

HSN Code : 84212900 | GST : 18%

Cat. No	Description	INR Price*
BSP0669	Leukosorb B Media 8in X 10in 5/PK	30260

Binded glass fiber - Conjugate pads

HSN Code : 70193900 | GST : 18%

Cat. No	Description	INR Price*
8133-6621	Standard14 A4 sheets 50/PK	43760
8133-1750	Standard14 17MMX50M	10760
8134-6621	Standard17 A4 sheets 50/PK	46810
8134-1250	Standard17 12MMX50M 1/PK	14880
8134-1750	Standard17 17MMX50M 1/PK	9410
8151-6621	Fusion 5 A4 sheets 50/PK	69210
8151-10058	Fusion 5 22MMX100M 1PK	40800
8151-9915	Fusion 5 25MMX50M 1PK	17270
10537200	AccuFlow G 20MMx75M 1/PK	47000

Nitrocellulose membranes HSN Code : 39211900 | GST : 18%

Cat. No	Description	INR Price*
13549206	FF80HP A4 sheets 10/PK	13770
10547002	FF80HP 20MMx50M 1/PK	20040
10547003	FF80HP 25MMx50M 1/PK	24210
10547151	FF80HP 25MMx100M 1/PK	67680
13549205	FF120HP A4 sheets 10/PK	13770
10547006	FF120HP 20MMx50M 1/PK	20040
10547001	FF120HP 25MMx50M 1/PK	24120
10547055	FF120HP 25MMx100M 1/PK	45910
10547021	FF120HP LAM 60(25)x300mm 100/PK	43230
13549204	FF170HP A4 sheets 10/pk	13770
10547004	FF170HP 20MMx50M 1/PK	20040
10547161	FF170HP 20MMx100M 1/PK	40970
10547005	FF170HP 25MMx50M 1/PK	24120
10547054	FF170HP 25MMx100M 1/PK	45910
10547023	FF170HP LAM 60(25)x300mm 100/PK	43203
10547118	FF80HP Plus 210x297MM 10/Pk	20820
10547041	FF80HP Plus 20MMx50M 1/PK	19870
10547121	FF80HP Plus 20MMx100M 1/PK	39730
10547042	FF80HP Plus 25MMx50M 1/PK	23860
10547128	FF80HP Plus LAM 60(25)x300mm 100/PK	44290
10547117	FF120HP Plus 210x297MM 10/Pk	18070
10547039	FF120HP Plus 20MMx50M 1/PK	19870
10547126	FF120HP Plus 20MMx100M 1/PK	39730
10547040	FF120HP Plus 25MMx50M 1/PK	23860
10547125	FF120HP Plus 25MMx100M 1/PK	47810
10547040	FF120HP Plus 25MMx50M 1/PK	23860
10547129	FF120HP Plus LAM 60(25)x300MM 100/PK	44290
10547116	FF170HP Plus 210x297MM 10/Pk	18030
10547043	FF170HP Plus 20MMx50M 1/PK	19870
10547122	FF170HP Plus 20MMx100M 1/PK	39730
10547044	FF170HP Plus 25MMx50M 1/PK	23860
10547120	FF170HP Plus 25MMx100M 1/PK	47240
10547142	FF170HP Plus LAM 60(25)x300mm 100/PK	44290
13547204	FF80HP Plus Thick 210x297MM 10/Pk	13310

Nitrocellulose membranes HSN Code : 39211900 | GST : 18%

Cat. No	Description	INR Price*
10547155	FF80HP Plus Thick 20MMx100M 1/PK	39730
10547156	FF80HP Plus Thick 25MMx100M 1/PK	47240
10547154	FF80HP Plus Thick 60(25)X300MM 25/PK LAM	13870
13547200	FF120HP Plus Thick 210x297MM 10/Pk	9710
10547149	FF120HP Plus Thick 25MMx100M 1/PK	54750
13547202	FF120HP Plus Thick 60(25)X300MM PK/25 LAM	13870
13547201	FF170HP Plus Thick 210x297MM 10/Pk	9710
10547153	FF170HP Plus Thick 20MMx100M 1/PK	39730
10547147	FF170HP Plus Thick 25MMx100M 1/PK	54750
10547142	FF170HP Plus LAM 60(25)x300mm 100/PK	44290
10549624	Immunopore™ RP 210X297MM 10/PK	11430
78356403	Immunopore RP 25MMx50M 1/PK	34690
13549303	Immunopore RP 60(25)X300MM PK/25 LAM	15250
10549622	Immunopore SP 210X297MM 10/PK	14880
78316402	Immunopore SP 20MMx50M 1/PK	33420
78316404	Immunopore SP 25MMx50M 1/PK	26430
78316406	Immunopore SP 25MMx100M 1/PK	54370
13549302	Immunopore SP 60(25)X300MM PK/25 LAM	15250
VIV702550R	Vivid 70 LFNC 25MM X 50M	31060
VIV7025100R	Vivid 70 LFNC 25MM X 100M	15710
VIV90sheet	Vivid 90 LFNC 8inch X 10inch	1640
VIV902050R	Vivid 90 LFNC 20MM X 50M	20950
VIV9020100R	Vivid 90 LFNC 20MM X 100M	31830
VIV902550R	Vivid 90 LFNC 25MM X 50M	31060

Nitrocellulose membranes HSN Code : 39211900 | GST : 18%

Cat. No	Description	INR Price*
VIV9025100R	Vivid 90 LFNC 25MM X 100M	39790
VIV120sheet	Vivid 120 LFNC 8inch X 10inch	1640
VIV1202050R	Vivid 120 LFNC 20MM X 50M	20950
VIV12020100R	Vivid 120 LFNC 20MM X 100M	31830
VIV1202550R	Vivid 120 LFNC 25MM X 50M	31060
VIV12025100R	Vivid 120 LFNC 25MM X 100M	51860
VIV1402550R	Vivid 140 LFNC 25MM X 50M	31060
VIV14025100R	Vivid 140 LFNC 25MM X 100M	51710
VIV1702050R	Vivid 170 LFNC 20MM X 50M	20950

Nitrocellulose membranes

HSN Code : 39211900 | GST : 18%

Cat. No	Description	INR Price*
VIV17025100R	Vivid 170 LFNC 25MM X 100M	51710
VIV1802550R	Vivid 180 LFNC 25MM X 50M	31060
VIV18025100R	Vivid 180 LFNC 25MM X 100M	51710

Flowthrough NC membranes

HSN Code : 39211900 | GST : 18%

Cat. No	Description	INR Price*
13400100	AE98 210x297MM 10/Pk	9710
10549916	AE98 25MMx50M 1/PK	40240
13400101	AE99 210x297MM 10/Pk	9710
10548081	AE99 25MMx50M 1/PK	22810
13400102	AE100 210x297MM 10/Pk	9930
10549867	AE100 25MMx50M 1/PK	29560

Specialty products

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.

07



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

Extraction Thimbles HSN code: 48237000 | GST: 18%

Cat. Nos	Description	INR List Price*
10350416	603T THIMBLE 27X25X60MM 25/PK	9,250
2812-287	THIMBLE SILICA TAPERED 28X70MM 10/PACK	27,440

Extraction Thimbles HSN code: 48237090 | GST: 18%

Cat. Nos	Description	INR List Price*
2800-105	THIMBLE ST 10X50MM 25/PK	17,260
2800-185	THIMBLE ST 18X55MM 25/PK	17,300
2800-199	THIMBLE ST 19X90MM 25/PK	17,040
2800-226	THIMBLE ST 22X65MM 25/PK	17,300
2800-228	THIMBLE ST 22X80MM 25/PK	17,310
2800-258	THIMBLE ST 25X80MM 25/PK	17,240
2800-259	THIMBLE ST 25X90MM 25/PK	17,080
2800-250	THIMBLE ST 25X100MM 25/PK	16,730
2800-266	THIMBLE ST 26X60MM 25/PK	17,440
2800-260	THIMBLE ST 26X100MM 25/PK	16,890
2800-288	THIMBLE ST 28X80MM 25/PK	16,980
2800-280	THIMBLE ST 28X100MM 25/PK	17,040
2800-282	THIMBLE ST 28X120MM 25/PK	18,830
2800-308	THIMBLE ST 30X80MM 25/PK	17,290
2800-300	THIMBLE ST 30X100MM 25/PK	17,000
2800-338	THIMBLE ST 33X80MM 25/PK	20,750
2800-339	THIMBLE ST 33X94MM 25/PK	20,360
2800-330	THIMBLE ST 33X100MM 25/PK	20,330
2800-331	THIMBLE ST 33X118MM 25/PK	20,460
2800-373	THIMBLE ST 37X130MM 25/PK	28,190
2800-412	THIMBLE ST 41X123MM 25/PK	23,640
2800-432	THIMBLE ST 43X123MM 25/PK	25,890

Extraction Thimbles HSN code: 48237090 | GST: 18%

Cat. Nos	Description	INR List Price*
2810-166	THIMBLE DT 16X60MM 25/PK	19,510
2810-228	THIMBLE DT 22X80MM 25/PK	22,160
2810-258	THIMBLE DT 25X80MM 25/PK	21,810
2810-266	THIMBLE DT 26X60MM 25/PK	24,790
2810-338	THIMBLE DT 33X80MM 25/PK	28,440
2810-339	THIMBLE DT 33X94MM 25/PK	37,860
2810-432	THIMBLE DT 43X123MM 25/PK	36,140
11350101	603 CELTHIMBLE 9X50MM 25/PK	12,090
10350306	603 CELTHIMBLE 22X60MM 25/PK	45,370
10350211	603 CELTHIMBLE 22X80MM 25/PK	24,320
10350215	603 CELTHIMBLE 25X60MM 25/PK	23,230
10350217	603 CELTHIMBLE 25X80MM 25/PK	22,970
10350219	603 CELTHIMBLE 25X100MM 25/PK	24,180
10350220	603 CELTHIMBLE 26X60MM 25/PK	23,400
10350223	603 CELTHIMBLE 27X80MM 25/PK	22,730
10350225	603 CELTHIMBLE 28X60MM 25/PK	22,730
10350226	603 CELTHIMBLE 28X80MM 25/PK	23,400
10350227	603 CELTHIMBLE 28X100MM 25/PK	22,400
10350234	603 CELTHIMBLE 30X80MM 25/PK	23,400
10350236	603 CELTHIMBLE 30X100MM 25/PK	28,080
10350238	603 CELTHIMBLE 33X60MM 25/PK	22,730
10350240	603 CELTHIMBLE 33X80MM 25/PK	24,180
10350437	603T THIMBLE 33X31X80MM 25/PK	23,110
10350241	603 CELTHIMBLE 33X90MM 25/PK	28,660
10350242	603 CELTHIMBLE 33X94MM 25/PK	27,880
10350243	603 CELTHIMBLE 33X100MM 25/PK	28,660
10350245	603 CELTHIMBLE 33X118MM 25/PK	34,710

High-performance cellulose thimbles

Extraction Thimbles

HSN code: 48237090 | GST: 18%

Cat. Nos	Description	INR List Price*
10350247	603 CELTHIMBLE 33X130MM 25/PK	33,710
10350250	603 CELTHIMBLE 33X205MM 25/PK	45,350
10350252	603 CELTHIMBLE 34X130MM 25/PK	33,790
10350255	603 CELTHIMBLE 35X150MM 25/PK	40,540
10350261	603 CELTHIMBLE 40X85MM 25/PK	35,300
10350265	603 CELTHIMBLE 41X123MM 25/PK	39,580
10350275	603 CELTHIMBLE 44X230MM 25/PK	60,150
10350273	603 CELTHIMBLE 48X145MM 25/PK	50,370
10350274	603 CELTHIMBLE 48X200MM 25/PK	59,770
10350287	603 CELTHIMBLE 75X250MM 25/PK	88,810
10350324	603 CELTHIMBLE 86X80X250MM 25/PK	86,290
10350106	603 ASE 17X37MM 25/PK FOR11ML	28,220
10350108	603 ASE 17X79MM 25/PK FOR22ML	28,220

Extraction Thimbles

HSN code: 70199000 | GST: 18%

Cat. Nos	Description	INR List Price*
10371103	603G GLASTHIMBLE 10X38MM 25/PK	40,310
10371005	603G GLASTHIMBLE 16X50MM 25/PK	38,400
10371007	603G GLASTHIMBLE 19X90MM 25/PK	42,940
10371011	603G GLASTHIMBLE 22X80MM 25/PK	40,470
10371114	603G GLASTHIMBLE 23.8X68MM 25/PK	42,660
10371019	603G GLASTHIMBLE 25X100MM 25/PK	39,880
10371025	603G GLASTHIMBLE 28X60MM 25/PK	38,400
10371036	603G GLASTHIMBLE 30X100MM 25/PK	47,770
10371042	603G GLASTHIMBLE 33X94MM 25/PK	47,620
10371043	603G GLASTHIMBLE 33X100MM 25/PK	42,990
10371045	603G GLASTHIMBLE 33X118MM 25/PK	59,040

Extraction Thimbles

HSN code: 70199000 | GST: 18%

Cat. Nos	Description	INR List Price*
10371055	603G GLASTHIMBLE 35X150MM 25/PK	75,470
2811-308	THIMBLE GF 30X80MM 25/PK	39,090
2814-199	THIMBLE HPGF 19X90MM 25/PK	29,270
2814-259	THIMBLE HPGF 25X90MM 25/PK	37,050
2814-300	THIMBLE HPGF 30X100MM 25/PK	42,940
2814-432	THIMBLE HPGF 43X123MM 25/PK	51,140
2814-533	THIMBLE HPGF 53X135MM 25/PK	68,450
2812-259	THIMBLE SILICA 25X90MM 10/PK	20,650

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

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.



Cellulose chromatography papers

Chromatography papers		HSN code: 48054000 GST: 18%
Cat. Nos	Description	INR List Price*
3001-917	GR 1CHR 46X57CM 100/PK	38,390
3001-931	GR 1CHR 58X68CM 100/PK	60,950
3002-917	GR 2 CHR 46X57CM 100/PK	56,970
3003-917	GR 3CHR 46X57CM 100/PK	98,190
3004-917	GR 4CHR 46X57CM 100/PK	52,520
3017-915	GR 17CHR 46X57CM 25/PK	64,960
3017-917	GR 17CHR 46X57CM 100/PK	2,29,990
3020-917	GR 20CHR 46X57CM 100/PK	1,03,980
3031-915	31ET CHR 46 X 57CM 25/PK	46,640

Chromatography papers		HSN code: 48232000 GST: 18%
Cat. Nos	Description	INR List Price*
3001-604	GR 1CHR 1CMX100M	4,330
3001-614	GR 1CHR 2CMX100M	5,580
3001-640	GR 1CHR 3CMX100M	7,850
3001-652	GR 1CHR 4CMX100M	10,620
3001-653	GR 1CHR 5CMX100M	12,750
3001-672	GR 1CHR 10CMX100M	22,020
3001-681	GR 1CHR 15CMX100M	28,000
3001-651	GR 1CHR 1.5INX300FT	13,330
3001-845	GR 1CHR 10X30CM 100/PK	9,400

Chromatography papers

Chromatography papers HSN code: 48232000 GST: 18%		
Cat. Nos	Description	INR List Price*
3001-964	GR 1CHR 11X21.3CM 100/PK	22,510
3001-861	GR 1CHR 20X20CM 100/PK	11,590
3001-878	GR 1CHR 25X25CM 100/PK	17,970
3004-614	4CHR 2CM X 100M REEL	7,730
1030-025	3MM 25MM 100/PK	4,030
3004-700	4CHR 23CMX100M REEL	84,100
3017-8793	GR 17CHR 2.5X22CM 100/PK	21,630
3017-820	GR 17CHR 7X9CM 100/PK	19,520
3017-621	GR 17CHR 2.5CMX30M	19,510
3031-901	31ET CHR 2 X 5CM 1000/PK	41,520
3031-681	31ET CHR 15CMX100M 1RL/PK	55,230
3454-651	GR 54SFC 1.5INX300FT RL	37,660
10382514	2727 185MM 100/PK	82,940
10382581	2727 190X190MM 100/PK	1,42,630

Chromatography papers HSN code: 48239090 GST: 18%		
Cat. Nos	Description	INR List Price*
3002-911	GR 2CHR 58X60CM 100/PK	1,19,150

Chromatography papers HSN code: 84212900 GST: 18%		
Cat. Nos	Description	INR List Price*
10382461	2668 58X60CM 100/PK LONGGRAIN	1,81,570

Cellulose Blotting Paper HSN Code: 48054000 GST: 18%		
Cat. No	Description	INR Price*
3030-917	3MM CHR 46X57CM 100/PK	51,500
3030-931	3MM CHR 58X68CM 100/PK	78,280

Cellulose Blotting Paper HSN Code: 48232000 GST: 18%		
Cat. No	Description	INR Price*
3030-153	3MM CHR 15X17.5CM 100/PK	6,250
3030-221	3MM CHR 18X34CM 100/PK	14,230
3030-335	3MM CHR 31.5X33.5CM 100/PK	23,120
3030-347	3MM CHR 35X43CM 100/PK	29,750
3030-392	3MM CHR 35X45CM 100/PK	28,150
3030-6132	3MM CHR 12X14CM 100/PK	4,080
3030-6185	3MM CHR 11X14CM 100/PK	4,090
3030-6188	3MM CHR 15X20CM 100/PK	7,460
3030-6189	3MM CHR 4X5.25IN 100/PK	3,230
3030-6461	3MM CHR 26X41CM 100/PK	23,800
3030-704	3MM CHR 27CMX100M 1RL/PK	58,940
3030-861	3MM CHR 20X20CM 100/PK	9,370
3030-866	3MM CHR 8X10IN 100/PK	11,800
3030-909	3MM CHR 40X40CM 50/PK	33,530
3030-928	3MM CHR 60X60CM 50/PK	66,260
10426994	GB005 580x580MM 25/PK	59,280
10427826	GB003 460x570MM 100/PK	79,080

Cellulose Blotting Paper HSN Code: 48239090 GST: 18%		
Cat. No	Description	INR Price*
3030-614	3MM CHR 2CMx100M 1RL/PK	6,700
3030-662	3MM CHR 7.5CMx100M 1RL/PK	22,240
3030-672	3MM CHR 10CMx100M 1RL/PK	29,180
3030-675	3MM CHR 12.5CMx100M 1RL/PK	35,130
3030-681	3MM CHR 15CMx100M 1RL/PK	41,200
3030-690	3MM CHR 19CMx100M 1RL/PK	42,570
3030-700	3MM CHR 23CMx100M 1RL/PK	50,700
10426880	GB003 100x100MM 50/PK	23,460
10426890	GB003 300x600MM 25/PK	14,840
10426972	GB005 150x150MM 25/PK	11,730
10426981	GB005 200x200MM 25/PK	14,490

Cellulose Blotting Paper HSN Code: 48239090 | GST: 18%

Cat. No	Description	INR Price*
10427804	GB003 110x140MM 100/PK	3,280
10427805	GB003 100x150MM 100/PK	5,700
10427806	GB003 70x100MM 100/PK	2,600
10427810	GB003 150x150MM 100/PK	8,110
10427812	GB003 150x200MM 100/PK	10,180
10427813	GB003 160x180MM 100/PK	10,010
10427818	GB003 200x200MM 100/PK	13,460
10547922	GB003 200x250MM 100/PK	7,380

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 surface protector for lab-scale ÄKTA™ systems

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.



Benchkote Surface Protector



ÄKTA avant

Benchkote™ Surface protector**Benchkote Sheets**

HSN code: 48109900 | GST: 18%

Cat. Nos	Description	INR List Price*
2301-6150	BENCHKOTE P+SHT 50X60CM 50/PK	16,520
2301-6160	BENCHKOTE P+ REEL 60X50M 1/PK	27,000
2300-10060	BENCHKOTE SHEET FOR AKTA PURE 10/PK	3,990
2300-10061	BENCHKOTE SHEET FOR AKTA PURE 25/PK	5,760
2300-10062	BENCHKOTE SHEET FOR AKTA PURE 50/PK	8,630
2300-10063	BENCHKOTE SHEET FOR AKTA START 10PK	2,640
2300-10064	BENCHKOTE SHEET FOR AKTA START 25/PK	3,600
2300-10065	BENCHKOTE SHEET FOR AKTA START 50/PK	5,280
2300-10072	BENCHKOTE SHEET FOR AKTA AVANT 10/PK	6,000
2300-10073	BENCHKOTE SHEET FOR AKTA AVANT 25/PK	9,590
2300-10074	BENCHKOTE SHEET FOR AKTA AVANT 50/PK	16,770

Benchkote Sheets

HSN code: 48115990 | GST: 18%

Cat. Nos	Description	INR List Price*
2300-594	BK PAD 46X57CM 50/PK WHATMAN/NA	33,330
2300-599	BK PADS 460X570MM 50 PK/PAD WHATMAN UK	12,260
2300-916	BK SHEET 46X57CM 50/PK	8,610
2300-917	BK SHEET 46X57CM 100/PK	14,880
2300-731	BK 46CMX50M FILTER REEL	16,090
2300-772	GRADE BK 92CMX50M BK FILTER REELS	53,630
2300-10092	BK SHEETS FOR AKTA GO 233MM X 290MM 10/PK	3,280
2300-10093	BKSHEET FOR AKTA GO 233MM X 290MM 25/PK	4,680
2300-10094	BK SHEET FOR AKTA GO 233MM X 290MM 50/PK	7,250

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 Papers

HSN code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price*
10347893	2122 100X100MM 500/PK	16,090
10347890	2122 150X150MM 500/PK	31,160

Weighing Papers

HSN code: 48239090 | GST: 18%

Cat. Nos	Description	INR List Price*
10313032	609 KJELDAHL 55X10X10MM 100/PK	29,320
10347671	B2 76X76MM 500/PK	9,320
10347672	B2 101.6X101.6MM 500/PK	9,390
10347673	B2 152.4X152.4MM 500/PK	9,480
10347670	B2 304.8X304.8MM 500/PK	24,630

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 Seperator Paper		HSN code: 48232000 GST: 18%
Cat. Nos	Description	INR List Price*
2200-070	1PS 7.0CM 100/PK	9,090
2200-090	1PS 9.0CM 100/PK	7,900
2200-110	1PS 11.0CM 100/PK	12,530
2200-125	1PS 12.5CM 100/PK	10,350
2200-150	1PS 15CM 100/PK	19,550
2200-185	1PS 18.5CM 100/PK	30,800
2200-240	1PS 24CM 100/PK	46,070
2200-270	1PS 27CM 100/PK	60,610



1PS Phase separator papers

Scan the QR code
for product details



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.

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

Lens Cleaning Tissue		HSN code: 48189000 GST: 18%
Cat. Nos	Description	INR List Price*
2105-841	105 10X15CM 25X25/PK LENS TISSU	11,190
2105-862	105 20X30CM 100/PK LENS TISSUE	3,900
2105-918	105 46X57CM 500/PK LENS TISSUE	44,650

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

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.

Phenolphthalein

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 indicators

pH Indicator & test strips

HSN code: 38221990 | GST: 5%

Cat. Nos	Description	INR List Price*
2613-991	PH IND PH 0-14 6X80MM 100/PK	3,930
2614-991	PH IND PH 4.5-10 6X80MM 100/PK	3,860
2612-990	PH IND PH 1-12 11X100MM 200/PK	7,020
2626-990	PH IND PH1.8-3.8 11X100MM200PK	5,680
2627-990	PH IND PH3.8-5.5 11X100MM200PK	5,680
2628-990	PH IND PH5.2-6.8 11X100MM200PK	5,680
2629-990	PH IND PH6-8.1 11X100MM 200/PK	5,280
2630-990	PH IND PH8-9.7 11X100MM 200/PK	5,680
2631-990	PH IND PH9.5-12 11X100MM 200PK	5,900
2611-628	PH IND PH 1-11 10MMX5M 1/RL	4,880
2600-100A	PH IND PH 1-14 7MMX5M 1/RL	2,010
2600-101A	PH IND PH 0.5-5.5 7MMX5M 1/RL	3,050
2600-102A	PH IND PH 4-7 7MMX5M 1/RL	3,050
2600-103A	PH IND PH 6.4-8 7MMX5M 1/RL	3,050
2600-104A	PH IND PH 8-10 7MMX5M 1/RL	3,050
2600-500	PH IND PH 1-11 10X10/PK	18,490
2600-201A	LITMUS PAPER BLUE 7MMX5M 1/RL	3,050
2600-202A	LITMUS PAPER RED 7MMX5M 1/RL	3,050
2600-204A	PHENOLPHALEIN 7MMX5M 1/RL	2,940

pH Indicator & test strips

HSN code: 38221990 | GST: 5%

Cat. Nos	Description	INR List Price*
2613-991	PH IND PH 0-14 6X80MM 100/PK	3,930
2600-601	LITMUS PAPER BLUE 10X20/PK	12,800
2600-602	LITMUS PAPER RED 10X20/PK	12,800
10362010	PANPEHA PLUS 6X85MM 100/PK 2-9	4,890
10362030	PANPEHA 7MMX5M 1/PK PH1-11	3,920

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 H₂S in the atmosphere or in a gas stream. Hydrogen peroxide can be detected with this paper by preblackening the paper in H₂S. 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. Cl₂, Br₂, H₂O₂, HNO₂ 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 List Price*
1002-147	GR 2 15.0CM IP CERT 100/PK	13,530

Ashless Clippings HSN code: 47079000 | GST: 18%

Cat. Nos	Description	INR List Price*
1703-050	ASHLESS CLIPPINGS 500G/PK	9,070

Anitbiotic assay Disc HSN code: 48239090 | GST: 18%

Cat. Nos	Description	INR List Price*
2017-006	AA DISCS 6MM/1000/PK	14,780
2017-009	AA DISCS 9MM 1000/PK	54,770
2017-013	AA DISCS 13MM 1000/PK	25,050

Mositure test papers HSN code: 70199000 | GST: 18%

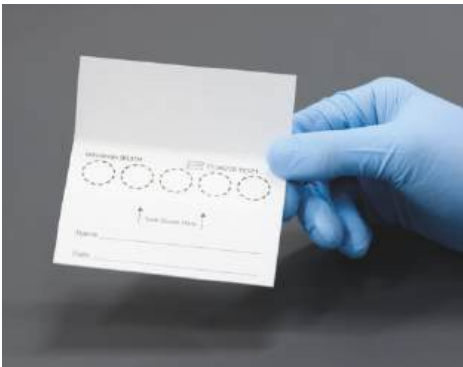
Cat. Nos	Description	INR List Price*
5401-090E	MOISTURE TEST 90MM 100/PK	15,790

Sample collection cards

Whatma™ 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 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



Whatman 903 Proteinsaver Card

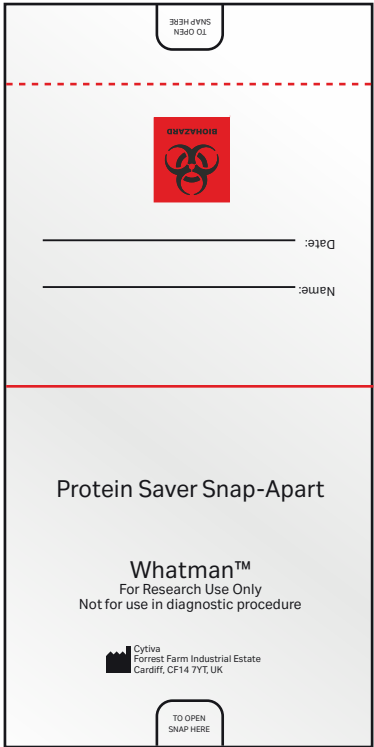
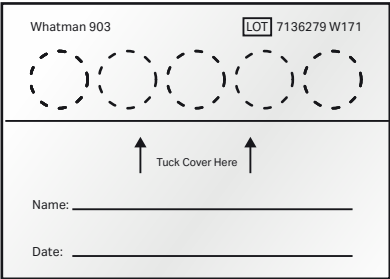
Whatman 903 Proteinsaver cards

Sample Collection Cards HSN code: 48239090 | GST: 18%

Cat. Nos	Description	INR List Price*
10534612	903 PROTEINSAVER US 100/PK	24,730
10531018	903 PROTSAYER 5 SPOT 100/PK	25,860
10534320	PROTEINSAVER SNAP APART 100PK	26,190
10535097	CF12 210X297MM 100PK	55,780
10538018	CF12 58X58CM 100PK	95,400

Sample Collection Cards HSN code: 39269099 | GST: 18%

Cat. Nos	Description	INR List Price*
10539521	DRYING RACK WITH VELCRO 10/PK	9,670



Microbiology essentials

Membranes and filtration products for microbiology quality control in food and beverage, environmental analysis, pharmaceutical quality control, and other industries

Scan the QR code
for product details



Sentino™ microbiology pump

Sentino™ microbiology pump features a small footprint and a disposable fluid path to maximize workspace and minimize contamination risk.

Applications

- MF Technique for analysing aqueous-based fluids for microbial contamination

SENTINO PUMP HSN code: 84136090 | GST: 18%

Cat No.	Description	INR List Price*
13186	Sentino Microbiology Pump Global 1pk	2,39,170

SENTINO PUMP ACCESSORIES HSN code: 39173300 | GST: 18%

Cat No.	Description	INR List Price*
4861	Sentino pump Mfnl fluid path gam 10pk	23,010
4845	TUBE, AP SAMPLING 50/BX STRL	33,450

SENTINO PUMP ACCESSORIES HSN code: 39173290 | GST: 18%

Cat No.	Description	INR List Price*
4285	Tubing, Sentino Mag Funnel 10/pk	15,540

SENTINO PUMP ACCESSORIES HSN code: 84219900 | GST: 18%

Cat No.	Description	INR List Price*
4713	MFNL ADAPTER FOR MILLIFLEX 1PK	7,520
4283	Sentino Pump Magfun adapter 1pk	8,990
4872	Sentino Funnel Pump Adpt	29,220

SENTINO PUMP ACCESSORIES HSN code: 39269099 | GST: 18%

Cat No.	Description	INR List Price*
4863	MFNL ADAPTER FOR OASIS PUMP 1/PKG	7,970



Sentino™ magnetic filter funnels

Sentino™ magnetic filter funnels are used for the analysis of aqueous samples for microbiological and particulate contamination, designed for use with the Sentino microbiology pump.

47 mm magnetic filter funnel features a no-leak magnetic seal that allows one-handed operation.

Applications

- Drinking and waste water analysis
- Environmental and recreational water monitoring
- Pharmaceutical and industrial water system monitoring
- Beverage monitoring
- Pharmaceutical raw materials, intermediates, and final product

SENTINO MAGNETIC FILTER FUNNEL

HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
4271	Sentino Magfun 150ml Polyphensulph 1pk	28,980
4273	Sentino Magfun 300ml Polyphensulph 1pk	32,110
4277	Sentino Magfun 500ml Polyphensulph 1pk	40,750
4279	SentinoMagfun47mm base w/supscrn PPS 1pk	24,420



Sentino™ filter funnels

The Sentino™ filter funnel and adaptor are designed with a press-fit seal, membrane guides, and forceps access point allowing for simple set up and membrane removal.

Applications

- Drinking and waste water analysis
- Environmental and recreational water monitoring
- Industrial water system monitoring
- Beverage monitoring



SENTINO FILTER FUNNEL		HSN code: 39269099 GST: 18%
Cat No.	Description	INR List Price*
4870	Sentino filter funnel 100ml 100pk	15,430
4871	Sentino filter funnel 250ml 80pk	23,500

MicroFunnel™ filter funnels

MicroFunnel™ filter funnels are convenient, ready-to-use disposable filter funnels for quality control analysis of aqueous fluids used in pharmaceutical production, water, and food and beverage applications.

Applications

- Improves the efficiency of monitoring your water system while reducing the introduction of contamination
- Eliminates steps in sample collection and testing that could potentially contaminate your sample
- MicroFunnel Plus with 0.45 or 0.2 µm Supor membrane is designed for sampling hot water (such as that found in hot loop WFI systems)



MICROFUNNEL™ FILTER FUNNELS

100 ML STD, INC. OVERPACK OPTIONS ST HSN code: 84213990 | GST: 18%

Cat No.	Description	INR List Price*
4804ME	MFNL 100ML ME25 WGR .45UM GAM BULK 200PK	51,790

100 ML STD, INC. OVERPACK OPTIONS ST HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
4803	Mfnl 100ml Supor grid .2um gam 50pk	39,200
4750	Mfnl ST 100ml Supor nogrd .45um gam 40pk	37,760

300 ML STD, INC. OVERPACK OPTIONS ST HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
4853	Mfnl ST 300ml Supor nogrd .2um gam 20pk	69,830

MicroFunnel™ Plus filter funnels HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
4844	MFNLPLUSAP 100ML SUPOR GRD.45UM GAM 50PK	85,320

Sentino™ filter dispenser

Sentino™ filter dispenser is designed to aseptically dispense one disc of membrane at the touch of a button.

Applications

Filter dispensers are ideal for high throughput microbiology testing labs looking for more ergonomic, faster ways to handle individual membranes. The Sentino Filter Dispenser is designed to aseptically dispense one disc of membrane at the touch of a button. Use the Sentino Filter Dispenser during Membrane Filter Technique for:

- Drinking and wastewater analysis
- Environmental and recreational water monitoring
- Personal care product manufacturing
- Beverage monitoring
- Pharmaceutical and industrial water system monitoring
- Pharmaceutical raw materials, intermediates, and final product

SENTINO® DISPENSERS

HSN code: 84798999 | GST: 18%

Cat No.	Description	INR List Price*
13184	Sentino Membrane Dispenser Global 1pk	5,06,250



Laboratory manifold

Laboratory manifold allows you to optimize testing without sacrificing cleanliness with interchangeable components and coupling devices.

Applications

- Bioburden testing of filterable products is performed to determine the number of viable and reproducible microorganisms. By recovering organisms on and in a membrane filter, processing efficiency and the microbial quality of a sample can be evaluated to assure that the product is not harmful to the intended recipient
- Detecting spoilage microorganisms are critical for foods and beverages as they may be responsible for the deterioration of sensory qualities (visual, texture, and taste) and may potentially render the product harmful for consumption. Using membrane filtration, detection of these spoilage microorganisms keep contaminated items from reaching the market
- Monitoring for compliance to drinking water standards using Membrane Filtration Technique, determines if there are levels of pathogenic microorganisms in treated water or wastewater. These microorganisms include coliforms such as Escherichia coli (E. coli) and Legionella which are both classified as pathogens



MANIFOLD HSN code: 84219900 | GST: 18%

Cat No.	Description	INR List Price*
4889	Lab Manifold 3-place SS no adapters 1pk	3,07,140
4890	Lab Manifold Microfunnel adapter 3pk	50,430
4891	Lab Manifold Sentino adapter 3pk	93,540
4892	Lab Manifold Standard adapter 3pk	76,270
4959	Lab Manifold Elongated adapter 3pk	79,600
4893	Lab Manifold coupler device 1pk	33,280

MANIFOLD ACCESSR AND REPLACEMENT PARTS HSN code: 39269099 | GST: 18%

Cat No.	Description	INR List Price*
4878	Lab Manifold O-Ring kit 1pk	6,210

MANIFOLD ACCESSR AND REPLACEMENT PARTS HSN code: 84219900 | GST: 18%

Cat No.	Description	INR List Price*
4899	END CAP F/4889 MANIFOLD	47,890

MAGNETIC FUNNELS HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
4247	Magfun 47mm w/o lid 150ml Polphnslph 1pk	29,520
4241	Magfun 47mm w/lid 300 ml Polphenslph 1pk	26,500
4242-N	Magfun 47mm w/o lid 300ml Polphnslph 1pk	26,220
4238	Magfun 47mm 500ml Polyphenylsulphone 1pk	44,790

MAGNETIC FUNNELS ACCESSORIES HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
4246	Magfun lid kit for 300mL Polphnslph 1pk	8,620
4248	Magfun 47mm top 150ml Polphnslph 1pk	21,790

Stainless steel forceps

Stainless steel forceps make filter handling easy with tips that have a flat, smooth surface to avoid membrane filter damage.

Applications

- Ideal for handling and moving membrane to and from filter holders and Petri dishes

FORECEPS

HSN code: 82032000 | GST: 18%

Cat No.	Description	INR List Price*
4690	Forceps w/ multicolor grips SS 3pk	12,520
51147	Forceps w/ black grips SS 1pk	5,330

METRICEL™ BLACK

HSN code: 39211900 | GST: 18%

Cat No.	Description	INR List Price*
66585	MetBlk grid .45um 47mm gam bulk 200pk	24,170
66586	MET BLK 0.45UM 47MM MPES GRID 100/PK	22,530
66587	MetBlk grid 0.8um 47mm gam bulk 200pk	23,270
66588	MET BLK 0.8UM 47MM MPES GRID 100/PK	19,520

PETRI DISHES

HSN code: 39269099 | GST: 18%

Cat No.	Description	INR List Price*
7242	Petri 50mm w/o pad 50mm gam 100pk	8,090
7245	Petri 50mm w/ pad 50mm gam 100pk	8,780

ABSORBANT PADS

HSN code: 48239090 | GST: 18%

Cat No.	Description	INR List Price*
66025	ABSORBENT PAD KIT W/DISP 1000/PK GAMMA	16,300

2 ML PLASTIC AMPOULES

HSN code: 38210000 | GST: 18%

Cat No.	Description	INR List Price*
4302-N	BROTH M-FC W/ROSAC FECCOL 2ML PLSTC 50PK	19,530
68105	Broth M-FC Total Coliform 2mL plstc 50pk	11,750



2 ML PLASTIC AMPOULES

HSN code: 38210000 | GST: 18%

Cat No.	Description	INR List Price*
68106	Broth M-TGE total bact 2mL plastic 50pk	12,110
4306-N	Broth Pseudomonas sp. 2 mL plastic 50pk	12,560
68107	Broth M-Green YeastMold 2mL plastic 50pk	12,420

OTHER FUNNELS

HSN code: 39269099 | GST: 18%

Cat No.	Description	INR List Price*
4203	Filter funnel 25mm 200ml Polysulfone 1pk	25,120

47 mm Filter Funnels , Glass

HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
4013	Filt Assmbly 1L 300ml Funnel 1pk	1,29,290

Accessories and Replacement Parts

HSN code: 70179090 | GST: 18%

Cat No.	Description	INR List Price*
4014-N	Funnel Housing 300ml Glass 1pk	21,170

Accessories and Replacement Parts

HSN code: 70172000 | GST: 18%

Cat No.	Description	INR List Price*
4017	Funnel Base 40/35 Joint Glass 1pk	68,790

Accessories and Replacement Parts

HSN code: 39269099 | GST: 18%

Cat No.	Description	INR List Price*
4824	HOLDER F/MFNL PLUS 100ML 1/PK	9,100

47 mm Pressure Filtration Funnel, SS

HSN code: 84219900 | GST: 18%

Cat No.	Description	INR List Price*
4280	Filter Funnel Pressure 47mm SS 1pk	2,00,510

Analyslide™ Petri Dish

HSN code: 39269099 | GST: 18%

Cat No.	Description	INR List Price*
7231	Analyslide 47mm Polystyrene 100pk	19,730

Centrifugal devices

Facilitate pure product with >90% recovery in minutes

09



Scan the QR code
for product details



Cytiva centrifugal devices

Our devices offer versatility with various membrane types, including low-binding Bio-Inert™, Supor, wwPTFE, and Omega ultrafiltration membranes which are available in a range of MWCOs. Membrane seals prevent solution bypass, which minimizes sample loss. Color-coded devices provide easy identification of membranes ranging from 1 kD to 0.45 µm. The unique vertical paddle design in Microsep Advance and Macrosep Advance centrifugal devices reduce the risk of protein aggregation, and large sample reservoirs facilitate easy sample recovery.

Applications

Centrifugal devices can replace traditional separation techniques, such as column chromatography, preparative electrophoresis, alcohol or salt precipitation, dialysis, and gradient centrifugation, when performing the following:

- Biomolecule concentration
- Desalting
- Buffer exchange
- Deproteination of biological samples
- Fractionation of protein mixtures
- Separation of primers from PCR products
- Separation of labeled nucleic acids or proteins from unincorporated nucleotides
- Virus concentration or removal
- Clarification of cell lysates and tissue homogenates
- Nucleic acid isolation



How to choose the best centrifugal ultrafiltration device

Our centrifugal devices streamline biomolecule sample preparation, offering efficient concentration and salt removal for samples ranging from 50 μ L to 60 mL within minutes. These devices feature membranes designed to minimize non-specific biomolecule binding resulting in a > 90% recovery of target biomolecules.

What is ultrafiltration?

Ultrafiltration is a membrane separation technique used to separate extremely small particles and dissolved molecules in fluids. The primary basis for separation is molecular size, although other factors such as molecule shape and charge can also play a role. Molecules larger than the membrane pores will be retained, but not bound, at the surface of the membrane and concentrated during the ultrafiltration process.

Compared to non-membrane processes (chromatography, dialysis, solvent extraction, or centrifugation), ultrafiltration:

- Is gentler on the molecules being processed.
- Does not require an organic extraction which may denature labile proteins.
- Maintains ionic and pH conditions.
- Is fast and relatively inexpensive.
- Can be performed at low temperatures.
- Is efficient as can simultaneously concentrate and purify molecules.

The retention properties of ultrafiltration membranes are expressed as molecular weight cut-off (MWCO) and measured in kilodaltons (kD). This value refers to the approximate molecular weight of a dilute globular solute (i.e., a typical protein) which is 90% retained by the membrane. A molecule's shape can have a direct effect on its retention by a membrane. For example, linear molecules like DNA may find their way through pores that will retain a globular species of the same molecular weight. There are three generic applications for ultrafiltration:

1. **Concentration:** Ultrafiltration is a very convenient method for the concentration of dilute protein, DNA, or RNA samples. It does not shear DNA as large as 100 Kb or cause loss of enzymatic activity in proteins and is efficient with > 90% recovery.
2. **Desalting and buffer exchange (diafiltration):** Ultrafiltration provides a convenient and efficient way to remove or exchange salts, remove detergents, separate free from bound molecules, remove low molecular weight components, or rapidly change the ionic or pH environment.
3. **Fractionation:** Ultrafiltration will not accomplish a sharp separation of two molecules with similar molecular weights. The molecules to be separated should differ by at least one order of magnitude (10X) in size for effective separation. Fractionation using ultrafiltration is effective in applications, such as the preparation of protein-free filtrates, the separation of unbound or unincorporated label from DNA and protein samples, and the purification of PCR products from synthesis reactions.

Choosing the correct MWCO

Once sample volume is determined, the next step is to select the appropriate MWCO for ultrafiltration or pore size for microfiltration. MWCOs are nominal ratings based on the ability to retain > 90% of a solute of a known molecular weight in kilodaltons.

It is important to recognize that retention of a molecule by an ultrafiltration membrane is determined by a variety of factors, its molecular weight serves only as a general indicator.

Choosing the appropriate MWCO for a specific application requires consideration of a number of factors including molecular shape, electrical charge, sample concentration, sample composition, and operating conditions.

Different manufacturers use different molecules to define the MWCO of their membranes, so it's important to perform pilot experiments to verify membrane performance in a particular application.

MWCO selection for protein, viral and nucleic acid applications

MWCO (K)	Membrane nominal pore size* (nm)	Biomolecule size (nm)	Biomolecule molecular weight (K)	Virus or particle diameter (nm)	Nucleic acid base pairs (DS) (Bp)	Nucleic acid bases (SS) (Bs)
1	–	–	3 – 9	–	5 – 16	9 – 32
3	–	–	9 – 30	–	16 – 50	32 – 95
10	–	–	30 – 90	–	50 – 145	95 – 285
30	–	–	90 – 300	–	145 – 475	285 – 950
100	10	30 – 90	300 – 900	30 – 90	475 – 1450	950 – 2900
300	35	90 – 200	900 – 3000	90 – 200	1450 – 9500	2900 – 9500

* Nominal pore size as measured by electron microscopy

Common variables that increase molecule passage

- Sample concentration less than 1 mg/mL.
- Linear versus globular molecules.
- High transmembrane pressure created by g-force in centrifugal concentrators. This is especially important in the case of linear molecules, for example DNA fragments.
- Decreasing the g-force can increase retention of molecules by a membrane.
- Buffer composition that favors breakup of molecules.
- pH and ionic conditions that change the molecule (i.e., conformational changes).

Common variables that decrease molecule passage

- Sample concentration higher than 1 mg/mL.
- Buffer conditions that permit molecules to aggregate.
- Presence of other molecules that increase sample concentration.
- Lower transmembrane pressure (in the case of centrifugal concentrators, lower g-force).
- Adsorption to the membrane or device.
- Low temperature (4°C versus 24°C).

Centrifugal devices

- Accelerate sample processing: Concentrate and purify samples with starting volumes of < 50 µL to 60 mL
- Maximize sample recovery: Obtain high flow rates and low non-specific protein and nucleic acid binding
- Add versatility: Available in various membrane types including low-binding Bio-Inert™ (modified nylon), Supor™ (polyethersulfone), wwPTFE and Omega™ (modified polyethersulfone) ultrafiltration membranes are available in a variety of MWCOs
- Prevent solution bypass: Membrane seals stop solution leakage, minimizing sample loss
- Easy visual identification: Devices are color-coded for a wide variety of membranes, ranging from 1 kD to 0.45 µm
- Reduce risk of protein aggregation using the unique vertical paddle in Microsep™ Advance and Macrosep™ Advance centrifugal devices
- Easy sample recovery with large sample reservoirs

Applications

Centrifugal devices can replace traditional separation techniques, such as column chromatography, preparative electrophoresis, alcohol or salt precipitation, dialysis, and gradient centrifugation, when performing the following:

- Protein or nucleic acid concentration
- Desalting
- Buffer exchange
- Deproteination of biological samples
- Fractionation of protein mixtures
- Separation of primers from PCR products
- Separation of labeled nucleic acids or proteins from unincorporated nucleotides
- Virus concentration or removal
- Clarification of cell lysates and tissue homogenates
- Nucleic acid isolation

MWCO selection for protein applications

MWCO	Membrane nominal pore size*	Biomolecule size	Biomolecule molecular weight
1K**	–	–	3K – 10K
3K	–	–	10K – 30K
10K	–	–	30K – 90K
30K	–	–	90K – 300K
100K	10 nm	30 – 90 nm	300K – 900K
300K***	35 nm	> 90 nm	> 900K

* Nominal pore size as measured by electron microscopy
** Not available in Nanosep device
*** Not available in Microsep or Macrosep Advance device

MWCO selection for nucleic acid applications

MWCO	Base pairs (DS)	Nucleotides (SS)
1K*	5 – 16 bp	9 – 32 nt
3K	16 – 50 bp	32 – 95 nt
10K	50 – 145 bp	95 – 285 nt
30K	145 – 285 bp	285 – 950 nt
100K	475 – 1,450 bp	950 – 2,900 nt
300K**	> 1,450 bp	> 2,900 nt

* Not available in Nanosep device
** Not available in Microsep or Macrosep Advance devices

MWCO selection for virus applications

MWCO	Membrane nominal pore size*	Virus or particle diameter
100K	10 nm	30 – 90 nm
300K*	35 nm	> 90 nm

* Nominal pore size as measured by electron microscopy

Color-coding

Centrifugal devices are available in a range of MWCOs color-coded for easy identification.

Table 3. Color coding as per different MWCO centrifugal filters

MWCO/Pore Size	Color
1K	yellow
3K	gray
10K	blue
30K	red
50K	green
100K	clear
300K	orange
1,000K	purple
0.2 µm	aqua
0.45 µm	wildberry and clear

Device selection based on volume

Table 1. Device selection by volume

Device	Sample volume
Nanosep™ device	< 0.5 mL
Microsep Advance device	0.5 – 5.0 mL
Macrosep Advance device	5 – 20 mL
Jumbosep™ device	20 – 60 mL

Centrifugal devices

Jumbosep™ Centrifugal Device Starter Kits HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
FD003K65	Jumbosep Starter Kit 3K OMEGA™ gray 4/pk	62,510
FD010K65	Jumbosep Starter Kit 10K OMEGA blue 4/pk	62,510
FD030K65	Jumbosep Starter Kit 30K OMEGA red 4/pk	62,510
FD100K65	Jumbosep Starter Kit 100K OMEGA clear 4/pk	61,270
FD300K65	JUMBOSEP STARTER KIT 300K 4/PK	52,710

Jumbosep Centrifugal Device Membrane Inserts HSN code: 84219900 | GST: 18%

Cat No.	Description	INR List Price*
OD003C65	Jumbosep Memb Insert 3K OMEGA 12/pk	63,000

Jumbosep Centrifugal Device Membrane Inserts HSN code: 39211900 | GST: 18%

Cat No.	Description	INR List Price*
OD010C65	Jumbosep Memb Insert 10K OMEGA 12/pk	64,590
OD300C65	Jumbosep Memb Insert 300K OMEGA 12/pk	65,600

Macrosep™ Advance with Omega Membrane HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
MAP001C36	Macrosep Adv OMEGA 1K yellow 6/pk	11,040
MAP001C37	Macrosep Adv OMEGA 1K yellow 24/pk	33,720
MAP001C38	Macrosep Adv OMEGA 1K yellow 100/pk	1,52,030
MAP003C36	Macrosep Adv OMEGA 3K gray 6/pk	8,580
MAP003C37	Macrosep Adv OMEGA 3K gray 24/pk	47,000
MAP003C38	Macrosep Adv OMEGA 3K gray 100/pk	1,74,300

Macrosep Advance with Omega Membrane HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
MAP010C36	Macrosep Adv OMEGA 10K blue 6/pk	11,040
MAP010C37	Macrosep Adv OMEGA 10K blue 24/pk	47,000
MAP010C38	Macrosep Adv OMEGA 10K blue 100/pk	2,00,560

Macrosep Advance with Omega Membrane HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
MAP030C36	Macrosep Adv OMEGA 30K red 6/pk	11,040
MAP030C37	Macrosep Adv OMEGA 30K red 24/pk	47,000
MAP030C38	Macrosep Adv OMEGA 30K red 100/pk	2,00,560
MAP100C36	Macrosep Adv OMEGA 100K clear 6/pk	11,040
MAP100C37	Macrosep Adv OMEGA 100K clear 24/pk	47,000
MAP100C38	Macrosep Adv OMEGA 100K clear 100/pk	2,35,700

Macrosep Advance with Supor Membrane HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
MAPM02C67	Macrosep Adv SUPOR 0.2um aqua 24/pk	56,040
MAPM02C68	Macrosep Adv SUPOR 0.2um aqua 100/pk	1,96,700
MAPM45C67	Macrosep Adv SUPOR 0.45um wildberry 24/pk	54,530
MAPM45C68	Macrosep Adv SUPOR 0.45um wildberry 100/pk	1,90,360

Microsep™ Advance with Omega Membrane HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
MCP001C41	Microsep Adv OMEGA 1K yellow 24/pk	17,880
MCP001C46	Microsep Adv OMEGA 1K yellow 100/pk	63,350
MCP003C41	Microsep Adv OMEGA 3K gray 24/pk	18,390
MCP003C46	Microsep Adv OMEGA 3K gray 100/pk	63,860
MCP010C41	Microsep Adv OMEGA 10K blue 24/pk	18,600
MCP010C46	Microsep Adv OMEGA 10K blue 100/pk	66,410
MCP030C41	Microsep Adv OMEGA 30K red 24/pk	18,600
MCP030C46	Microsep Adv OMEGA 30K red 100/pk	66,410

Microsep Advance with Omega Membrane HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
MCP100C41	Microsep Adv OMEGA 100K clear 24/pk	18,900
MCP100C46	Microsep Adv OMEGA 100K clear 100/pk	66,410

Centrifugal devices

Microsep Advance with Supor Membrane

HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
MCPM02C67	Microsep Adv SUPOR 0.2 µm aqua 24/pk	32,370
MCPM45C67	Microsep Adv SUPOR 0.45 µm wildberry 24/pk	30,250

Nanosep™ with Omega Membrane

HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
OD003C33	Nanosep OMEGA 3K gray 24/pk	19,410
OD003C34	Nanosep OMEGA 3K gray 100/pk	72,030
OD003C35	Nanosep OMEGA 3K gray 500/pk	2,04,330
OD010C33	Nanosep OMEGA 10K blue 24/pk	19,410
OD010C34	Nanosep OMEGA 10K blue 100/pk	60,470
OD010C35	Nanosep OMEGA 10K blue 500/pk	2,04,330
OD030C33	Nanosep OMEGA 30K red 24/pk	19,410
OD030C34	Nanosep OMEGA 30K red 100/pk	60,470
OD030C35	Nanosep OMEGA 30K red 500/pk	2,04,850
OD100C33	Nanosep OMEGA 100K clear 24/pk	19,410
OD100C34	Nanosep OMEGA 100K clear 100/pk	72,030
OD300C33	Nanosep OMEGA 300K orange 24/pk	19,410
OD300C34	Nanosep OMEGA 300K orange 100/pk	72,030

Nanosep MF With Bio-Inert™ Membrane

HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
ODM02C33	Nanosep Bio-Inert Nyl 0.2 µm aqua 24/pk	19,410
ODM02C34	Nanosep Bio-Inert Nyl 0.2 µm aqua 100/pk	42,800
ODM02C35	Nanosep Bio-Inert Nyl 0.2 µm aqua 500/pk	2,50,140
ODM45C34	Nanosep Bio-Inert Nyl 0.45 µm wildberry 100/pk	67,230

Nanosep devices for nucleic acid binding

HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
ODNABC33	Nanosep for NAB Glass fiber 24/pk	4,890
ODNABC34	Nanosep for NAB Glass fiber 100/pk	20,420

Nanosep MF with wwPTFE membrane

HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
ODPTFE02C34	Nanosep wwPTFE 0.2 µm clear 100/pk	26,500
ODPTFE04C34	Nanosep wwPTFE 0.45 µm clear 100/pk	60,530

Vivaspin™ sample concentrators

Vivaspin 500

HSN code: 84219900 | GST: 18%

Cat No.	Description	INR List Price*
28932218	Vivaspin 500, 3 kDa MWCO PES	22,460
28932223	Vivaspin 500, 5 kDa MWCO PES	22,460
28932225	Vivaspin 500, 10 kDa MWCO PES	22,460
28932235	Vivaspin 500, 30 kDa MWCO PES	22,460
28932236	Vivaspin 500, 50 kDa MWCO PES	22,460
28932237	Vivaspin 500, 100 kDa MWCO PES	22,460

Vivaspin 2

HSN code: 84219900 | GST: 18%

Cat No.	Description	INR List Price*
28932240	Vivaspin 2, 3 kDa MWCO PES	27,010
28932245	VIVASPIN 2, 5 KDA MWCO PES	27,010
28932247	Vivaspin 2, 10 kDa MWCO PES	27,010
28932248	Vivaspin 2, 30 kDa MWCO PES	27,010
28932257	Vivaspin 2, 50 kDa MWCO PES	27,010
28932258	Vivaspin 2, 100 kDa MWCO PES	27,010

Vivaspin 6

HSN code: 84219900 | GST: 18%

Cat No.	Description	INR List Price*
28932293	Vivaspin 6, 3 kDa MWCO PES	30,590
28932294	Vivaspin 6, 5 kDa MWCO PES	30,590
28932296	Vivaspin 6, 10 kDa MWCO PES	30,590
28932317	Vivaspin 6, 30 kDa MWCO PES	30,590
28932318	Vivaspin 6, 50 kDa MWCO PES	30,590
28932319	Vivaspin 6, 100 kDa MWCO PES	30,590

Vivaspin 20

HSN code: 84219900 | GST: 18%

Cat No.	Description	INR List Price*
28932358	Vivaspin 20, 3 kDa MWCO PES	28,310
28932359	Vivaspin 20, 5 kDa MWCO PES	28,310
28932360	Vivaspin 20, 10 kDa MWCO PES	28,310
28932361	Vivaspin 20, 30 kDa MWCO PES	28,310
28932362	Vivaspin 20, 50 kDa MWCO PES	28,310
28932363	Vivaspin 20, 100 kDa MWCO PES	28,310

Sterile capsule filters

A filter for every step in your process, AcroPak™ capsule filters are designed for high performance across all buffer, reagent, and media manufacturing applications

10



AcroPak™ capsules with Supor™ EKV membrane are designed for cost effective filtration of buffers, tissue culture media and other biological solutions

- Newer technology recommended for simplified scale-up
- Disposable design reduces labor costs associated with assembling, cleaning, and testing stainless steel filter holders
- Encapsulated format for ease of use
- Extended life with built-in MachV asymmetric prefilter layer for maximum flow and throughput performance
- Low adsorption and high chemical compatibility with hydrophilic polyethersulfone membrane for high compatibility over the entire pH range and low protein binding
- Gamma-irradiated, non-pyrogenic, and non-cytotoxic
- Inherently hydrophilic for reliable integrity testing

Applications

- Suitable for sterile filtration of a wide range of fluids, including:
- Buffers
- Biological fluids
- Cell culture media
- Ophthalmic products

AcroPak 20 Filters With Supor Membrane HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
12201	ACROPAK 20 FLUORODYNE .2UM GAM HB 3PK	14,620
12202	Acropak 20 SUPOR .8/.2um 3pk	13,310
12203	Acropak 20 SUPOR .8/.2um gam HB 3pk	18,000

AcroPak 20 Filters With Supor EKV Membrane HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
12247	Acropak 20 SUPOR EKV.2um gam HB 3pk	16,530

AcroPak 200 Capsules With Supor Membrane HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
12941	Acropak 200 SUPOR .8/.2um gam HB 3pk	38,030

AcroPak 200 Fluorodyne II Mem, With Filling Bell HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
12069	Acropak 200 FLUORODYNE II .2um gam 3pk	37,330

AcroPak 200 Capsules With Supor EKV Membrane HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
12094	Acropak 200 SUPOR EKV .2um gam HB 3pk	33,700

AcroPak 300 Capsule With PTFE Membrane HSN code: 84213990 | GST: 18%

Cat No.	Description	INR List Price*
12082	Acropak 300 PTFE .2um HB 3pk	30,520

AcroPak 500 Capsules With Supor Membrane HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
12991	Acropak 500 SUPOR .8/.2um gam HB 1pk	21,610
12993	Acropak 500 SUPOR .8/.45um gam HB 1pk	11,840
12995	Acropak 500 SUPOR .2/.2um gam HB 1pk	19,780
12997	Acropak 500 SUPOR .1/.1um gam HB 1pk	28,420

AcroPak 1000 Capsules With Supor Membrane HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
12992	Acropak 1000 SUPOR .8/.2um gam HB 1pk	24,670
12994	Acropak 1000 SUPOR .8/.45um gam HB 1pk	26,070
12996	Acropak 1000 SUPOR .2/.2um gam HB 1pk	46,030

AcroPak 1500 Capsules With Supor Membrane HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
12675	Acropak 1500 SUPOR .8/.2um gam HB 1pk	37,660

Filter plates

Multi-well filter plates to fit your application needs

11



AcroPrep™ filter plate family



AcroPrep 24-well filter plates

- A comprehensive range of 24-well filter plates that offer researchers a complete solution for their workflow needs, from cell harvesting to final sample preparation for analysis
- The 24-well format can filter up to 7 mL of sample
- Allows researchers to continue using a 24-well footprint, reducing the chance of error or loss of valuable product that can occur when transferring to other formats for processing



AcroPrep Advance 96-well filter plates

- AcroPrep Advance 96-well Filter plates can be used across a wide range of laboratory applications including: Multiplexing, lysate clearance, protein purification, DNA purification, ultrafiltration, and solvent filtration
- Available in well volumes of 350 μ L, 1 mL and 2 mL deep well formats
- Range includes AcroPrep Advance 96-well long tip filter plate for nucleic acid binding. This plate incorporates a silica based quartz glass fiber media to allow efficient binding of DNA and RNA, while providing smooth flow and rapid processing of samples



AcroPrep 384-well filter plates

- Enables laboratories to process hundreds of samples simultaneously, designed for high volume, high throughput applications
- Feature a maximum well volume of 100 μ L and a recommended working volume of 80 μ L
- Available with two different types, long or short. Both types of outlet tips can be used for filtrate or retentate based applications, however a longer tip version is recommended for critical filtrate studies

Choice of filter plate

A range of filter plates based on number of samples and volume size

384-well
100 μ L

96-well
350 μ L, 1 mL,
and 2 mL

24-well
7 mL

Various filter choices

Specialized membranes and media accommodates a range of applications

Barcode labeling

Facilitates easy sample tracking and identification

Labeled rows

Facilitates easy sample identification

Rigid construction

Prevents plates from flexing or jamming in robotic systems

Smooth well design

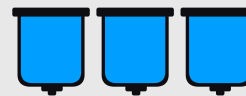
Provides consistency in filtration times.
Efficient sample and bead recovery

Smooth top surface and textured window

For easy labeling of individual wells or the complete filter plate

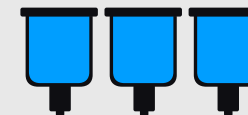
Optimized outlet tips

Minimizes sample leakage during incubation steps and reduces the presence of hanging drops following filtration. AcroPrep filter plates are available with long or short outlet tip configurations



Short outlet tips

Can be used for both filtrate and retentate based applications. This enables easier use in automation as the plate sits on the skirt and not the outlet tips on the liquid handler deck.



Long outlet tips

Ideal for filtrate based applications. Outlet tips extend beyond the skirt of the plate and pilot into wells of a receiving plate

Membranes and media

We manufacture filter media and membranes that can be used to sterilize liquid reagents, remove particulate contamination and clarify solutions prior to further processing. Utilizing our extensive knowledge of membrane technology we offer materials for ultrafiltration, chromatography, and binding applications. Several parameters including pore size, flow rate, binding properties, chemical compatibility, and physical morphology need to be considered when selecting the appropriate membrane for use in each filter plate.

A unique mechanism is used to seal membranes and media into each individual filter plate well. The proprietary sealing technology provides us the flexibility in integrally sealing a variety of membranes and media into our products, ensuring that we can provide researchers with the best possible solution for their application.

Membranes for every step of your process

Applications	Membrane
Aqueous filtration	Supor™ (polyethersulfone) membrane, wwPTFE (water-wettable polytetrafluoroethylene)
Cell clarification	Seitz™ depth media and Supor EKV (hydrophilic polyethersulfone membrane)
Cell separation	PP/PE non-woven (polypropylene/polyethylene) media
Chromatography screening	Supor (polyethersulfone) membrane
Concentration, buffer exchange and desalting	Omega™ (modified polyethersulfone) membrane
Flow cytometry sample prep	PP/PE non-woven (polypropylene/polyethylene) media
Free vs. bound assays	Omega (modified polyethersulfone) membrane
Genomic purification	Silica-based quartz glass fiber
Labeling clean-up	Omega (modified polyethersulfone) membrane
Lysate clarification	Glass Fiber or Supor (polyethersulfone) membrane
Multiplex assays	Supor (polyethersulfone) membrane
Particulate removal	Glass fiber
PCR clean-up	Omega (modified polyethersulfone) membrane
Plasmid DNA purification	Silica-based quartz glass fiber
Protein precipitation	PTFE, wwPTFE (water-wettable polytetrafluoroethylene)
Recombinant protein isolation	Seitz depth media and Supor EKV (hydrophilic polyethersulfone membrane)
Sample fractionation	Mustang™ Q, Mustang S membrane
Size exclusion	Omega (modified polyethersulfone) membrane
Solvent filtration	PTFE, wwPTFE (water-wettable polytetrafluoroethylene)
Sterile filtration	Supor EKV (hydrophilic polyethersulfone membrane)
Total RNA purification	Silica-based quartz glass fiber

AcroPrep™ filter plates for aqueous filtration allow for fast processing with efficient removal of particulates

- New well geometry results in faster, more uniform filtration rates across the plate with reduced hold-up volume
- New outlet tip geometry facilitates direct flow of samples into receiver plate without concerns of cross contamination
- Varied membrane and pore size selection offers efficient particulate removal
- Manufactured in accordance with SBS guidelines, allowing plates to be run in manual, semi-automated and automated processes

Applications

- General sample prep
- Gross fractionation
- Cell harvesting
- Cell-based assays



Vaccum Manifolds & Accessories

HSN code: 84818090 | GST: 18%

Cat No.	Description	INR List Price*
5017	Multiwell plate manifold 1pk	2,75,060

Vaccum Manifolds & Accessories

HSN code: 82041110 | GST: 18%

Cat No.	Description	INR List Price*
5016	Multiwell manifold accessory kit 1pk	9,640

Vaccum Manifolds & Accessories

HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
5014-N	Multiwell Spacer Block 1ml 1pk	32,270

Filter Plates

HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
97026	Acroprep 24 depth/EKV 0.65/0.2um 8pk	60,360
97035	Acroprep 24 SUPOR 1.2um 8pk	54,470
97036	Acroprep 24 SUPOR 1.2um 2pk	17,030
97049	Acroprep 24 OMEGA 1k 8pk	1,00,830
97053	Acroprep 24 OMEGA 10k 8pk	73,170
97055	Acroprep 24 OMEGA 30k 8pk	80,900
97058	Acroprep 24 OMEGA 50k 2pk	26,590
8029	Acroprep ADV 96 350ul Supor 0.45um 10pk	39,500
8031	ACROPREP ADV 96 350UL GLS FIBR 1UM 10PK	36,080
8034	Acroprep ADV 96 350ml Omega 10k 10pk	54,950
8036	Acroprep ADV 96 350ul Omega 100k 10pk	1,01,510

Filter Plates**HSN code: 84212900 | GST: 18%**

Cat No.	Description	INR List Price*
8049	Acroprep ADV 96 350ul Supor 1.2um 10pk	48,860
8019	Acroprep ADV 96 350ul Supor 0.2um 10pk	27,090
8119	Acroprep ADV 96 1ml Supor 0.2um 5pk	29,370
8127	ACROPREP ADV 96 1ML PP/PE 30-40UM 5PK	43,600
8130	ACROPREP ADV 96 1ML SUPOR 1.2UM 5PK	29,390
8133	Acroprep ADV 96 1ml NAB 5pk	39,490
8148	ACROPREP ADV 96 1ML PTFE 0.45UM 5PK	30,890
8231	Acroprep ADV 96 2ml GLS FIBR 1.0um 5pk	18,800
8248	PREPADV 2ML .45UM PTFE ST 5/PK	21,870
8584	ACROADV 350UL 0.45UM wwPTFE 10/PK	56,710
8588	ACROADV 350UL 0.45UM WWPTFE LT 10/PK	44,530
8686	ACROADV 1ML 0.2UM wwPTFE LT 5/PK	18,980

Vent devices

Filters for venting bioreactors, fermentation tanks, and carboys

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Acro™ 37 TF vent device With PTFE membrane

Acro™ 37 TF vent device With PTFE membrane is used in-line to deliver air and gas to instruments and culture vessels

Applications

- Use in-line for air/gas delivery to instruments and culture vessels, for bioisolation of a vacuum source, or for flushing instruments and cleaning parts
- Can be used to filter small volumes of liquid solvents

Acro 37 TF Vent Device With PTFE Membrane HSN code: 84213990 | GST: 18%

Cat No.	Description	INR List Price*
4464	Acro Vent 37mm PTFE .2um HB 24pk	27,540



Acro 50 vent devices with PTFE membrane

Acro 50 vent devices with PTFE membrane provide superior performance for demanding applications

Applications

- Venting bioreactors, fermentation tanks, and carboys
- Sterile gas purging of culture vessels
- Filtering aggressive solvents

Acro 50 Vent Devices With PTFE Membrane HSN code: 84213990 | GST: 18%

Cat No.	Description	INR List Price*
4251	Acro Vent 50mm PTFE .2um HB 18pk	20,650
4400	Acro Vent 50mm PTFE .2um MNPT 18pk	39,120



Bacterial air vents HSN code: 84213990 | GST: 18%

Cat No.	Description	INR List Price*
4210-N	BACTERIAL AIR VENT 37MM GLASS 1UM 24PK	46,490

Vacushield™ Vent Device HSN code: 84213990 | GST: 18%

Cat No.	Description	INR List Price*
4402	Vacushield Vent 50mm PTFE .2um 3pk	8,350

Integrity Test Kit HSN code: 90262000 | GST: 18%

Cat No.	Description	INR List Price*
4252	Integrity Test Kit for Vent Devices 1pk	22,740

Vaccum filtration devices

Innovative bottle-top filters for fast vacuum filtration of aqueous solutions

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VacuCap™ and VacuCap PF vacuum filtration devices

VacuCap™ and VacuCap PF vacuum filtration devices are innovative bottle-top filters for fast vacuum filtration of 100 mL to 5 L of aqueous solutions.

Applications

- Excellent device for cell culture media preparation
- PF version is useful for sterilization of hard-to-filter solutions
- Reduce mycoplasma with the 0.1 µm pore size

VacuCap / VacuCap PF Vacuum Filtration Devices HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
4632	VacuCap 60mm SUPOR .2um gam 10pk	26,700
4638	VacuCap PF 60mm SUPOR .8/.2um gam 10pk	30,480
4622	VacuCap 90mm SUPOR .2um gam 10pk	22,690
4624	VacuCap 90mm SUPOR .45um gam 10pk	45,500
4628	VacuCap PF 90mm SUPOR .8/.2um gam 10pk	26,240
TA4622	VacuCap 90 TA SUPOR .2um gam 10pk	24,790

Accessory HSN code: 84219900 | GST: 18%

Cat No.	Description	INR List Price*
4623	VacuCap Feedline Kit 1pk	10,980

AcroCap Positive Pressure Devices HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
4480	AcroCap SUPOR .2um gam 10pk	15,740



SolVac™ filter holder

Solvac™ filter holder features a versatile design that fits most HPLC bottles, flasks, and containers, and eliminates the added steps of washing flasks and transferring mobile phase solvent from flask to reservoir.

Applications

- Remove contaminating particulate from mobile phase or other solutions
- De-gas mobile phase solvents and solutions
- Eliminate pour-and-wait filtration
- Remove microbial growth every 24 hours from aqueous buffer mobile phases

SolVac Filter Holder		HSN code: 84219900 GST: 18%
Cat No.	Description	INR List Price*
4020	Filter Holder Solvac 1pk	33,740

Accessories and Replacement Parts		HSN code: 39269099 GST: 18%
Cat No.	Description	INR List Price*
4023-N	Seal Gasket Kit F/4020 10pk	4,980
4025-N	Membrane Seal Gasket Kit F/4020 1pk	5,120



Glass fiber filters

Superior grade filters for a variety of biological and environmental methods

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Glass fiber filters

- Superior grade Type A/E Glass Fiber Filters, are for testing dissolved and suspended solids in wastewater and gravimetric analysis of air pollutants
- Superior grade Type A/B Glass Fiber Filter, has a high dirt-loading capacity with 2.5 times thicker glass than Type A/C filters
- Superior grade Type A/C Glass Fiber Filters, are for testing dissolved and suspended solids in wastewater, and are also useful for cell harvesting applications
- Superior grade Type A/D Glass Fiber Filters, feature large nominal pore size that reduces membrane clogging
- GLA-5000 PVC membrane disc filters, are inherently low ash membranes well suited for multiple NIOSH analytical methods

Applications

- Used in a variety of sample clean-up, prefiltration, and analytical testing applications



Type A/B Glass Fiber Discs HSN code: 70199000 | GST: 18%

Cat No.	Description	INR List Price*
66209	A/B Glass Fiber Filter, 47 mm 100/pk	22,490

Type A/C Glass Fiber Discs HSN code: 70199000 | GST: 18%

Cat No.	Description	INR List Price*
66215	A/C Glass Fiber Filter, 47 mm 100/pk	3,580

Type A/D Glass Fiber Discs HSN code: 70199000 | GST: 18%

Cat No.	Description	INR List Price*
66224	A/D Glass Fiber Filter, 47 mm 100/pk	7,790

Type A/E Glass Fiber Discs HSN code: 70199000 | GST: 18%

Cat No.	Description	INR List Price*
61630	A/E Glass Fiber Filter, 25 mm 500/pk	18,370
61631	A/E Glass Fiber Filter, 47 mm 100/pk	6,020

Type A/E Glass Fiber Discs HSN code: 70199000 | GST: 18%

Cat No.	Description	INR List Price*
61632	A/E Glass Fiber Filter, 50 mm 100/pk	10,890
61663	A/E Glass Fibre Filter 76mm 100pk	9,500
60010	A/E Glass Disk Filter, 81 mm 100/pk	11,570
61638	A/E Glass Fibre Sheet, 8x10 In 100pk	76,390

Glass fiber Disc filter HSN code: 70199000 | GST: 18%

Cat No.	Description	INR List Price*
GFAE025100	Glass fiber Disc filter, 25mm,100/pk	3,200
GFAE047100	Glass fiber Disc filter,47mm, 100/pk	3,070
GFAE081100	Glass fiber Disc filter, 81 mm, 100/pk	8,980

TCLP Glass Fiber Filters HSN code: 39211200 | GST: 18%

Cat No.	Description	INR List Price*
66467	DISC 37MM GLA-5000 WITH PADS 5UM 100PK	46,810
66469	Disc 37mm GLA-5000 w-out pads 5um 100pk	48,060

TCLP Glass Fiber Filters HSN code: 39211900 | GST: 18%

Cat No.	Description	INR List Price*
66468	GLA-5000,5UM,47MM 100/PK	23,200

Disc and membrane

Suited for biological, pharmaceutical, and sterilizing filtration requirements

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Membrane disc filters

- **Supor™ PES** membrane disc filters, are high flow rate membranes optimized for biological, pharmaceutical, and sterilizing filtration requirements
- **Nylaflo™** membrane disc filters, are a highly versatile laboratory membrane filter with excellent chemical compatibility with esters, bases, and alcohols
- **PTFE** membrane disc filters, are strong, chemically resistant membranes for air monitoring and sampling in aggressive environments
- **wwPTFE** membrane disc filters, deliver chemical compatibility for aqueous solutions and aggressive solvents
- **Versapor™** acrylic copolymer membrane disc filters, are designed for pre-filtration of difficult-to-filter solutions and serum



Supor 100 Membrane Disc Filters

HSN code: 39211900 | GST: 18%

Cat No.	Description	INR List Price*
60309	Disc 25mm SUPOR .1um 100pk	33,320
60310	Disc 47mm SUPOR .1um 100pk	17,360

Supor Membrane Disc Filters, 0.2 µm

HSN code: 39211900 | GST: 18%

Cat No.	Description	INR List Price*
60298	Disc 13mm SUPOR .2um 100pk	13,980
66234	Supor200 0.2um Grid 47mm 200pk gam	22,380
66549	Disc 142mm SUPOR PES .2um 25pk	53,040
66550	DISC 293MM SUPOR .2UM 25PK	88,600

Supor PES Disc Filter

HSN code: 39211900 | GST: 18%

Cat No.	Description	INR List Price*
60301I	Supor PES Disc Filter 47mm 0.2um 100pk	10,780
60307I	Supor PES Disc Filter 293mm 0.2um 25pk	24,640

Supor Membrane Disc Filters, 0.45 µm

HSN code: 39211900 | GST: 18%

Cat No.	Description	INR List Price*
61854	Disc 47mm SUPOR .45um Grid 100pk	41,580

Supor Membrane Disc Filters, 0.8 µm

HSN code: 39211900 | GST: 18%

Cat No.	Description	INR List Price*
60109	Disc 25mm SUPOR .8um 100pk	27,990
60110	Disc 47mm SUPOR .8um 100pk	23,120
60116	Disc 293mm SUPOR .8um W/TAB 25pk	66,880
66555	Disc 142mm SUPOR .8um 25pk	53,040

Nylaflo Membrane Disc Filters

HSN code: 39211900 | GST: 18%

Cat No.	Description	INR List Price*
66602	Disc 47mm NYLON .2um 100pk	34,130
66607	DISC 25MM NYLON .45UM 100PK	24,970
66608	Disc 47mm NYLON .45um 100pk	44,780

Ultipor™ N66 membrane filters

HSN code: 39211900 | GST: 18%

Cat No.	Description	INR List Price*
NR013100I	Ultipor Nylon Filter Disc 13mm 100pk	4,580
NR025100I	Ultipor Nylon Filter Disc 25mm 100pk	4,920
NR047100I	Ultipor Nylon Filter Disc 47mm 100pk	5,830
NX013100I	Ultipor Nylon Filter Disc 13mm 100pk	4,580
NX025100I	Ultipor Nylon Filter Disc 25mm 100pk	4,920
NX047100I	Ultipor Nylon Filter Disc 47mm 100pk	5,830

wwPTFE membrane disc filters, 0.2 µm HSN code: 39211900 | GST: 18%

Cat No.	Description	INR List Price*
60538	Disc 25mm wwPTFE .2um 50pk	15,340
60539	Disc 47mm wwPTFE .2um 50pk	25,040

wwPTFE membrane disc filters, 0.45 µm HSN code: 39211900 | GST: 18%

Cat No.	Description	INR List Price*
60548	Disc 47mm wwPTFE .45um 50pk	27,880

Versapore membrane disc filters, 3.0 µm HSN code: 39211900 | GST: 18%

Cat No.	Description	INR List Price*
66387	Disc 47mm VERSAPOR 3um 100pk	7,610

Versapore membrane disc filters, 0.8 µm HSN code: 39211900 | GST: 18%

Cat No.	Description	INR List Price*
66400	Disc Versapor 25mm 0.8um 100pk	3,950

Versapore membrane disc filters, 1.2 µm HSN code: 39211900 | GST: 18%

Cat No.	Description	INR List Price*
66394	Disc 47mm VERSAPOR 1.2um 100pk	42,670

Versapore membrane disc filters, 0.45 µm HSN code: 39211900 | GST: 18%

Cat No.	Description	INR List Price*
66408	Disc 47mm VERSAPOR .45um 100pk	41,380

NPG Disc Filters HSN code: 39211900 | GST: 18%

Cat No.	Description	INR List Price*
NPG047100	DISC NM NPG 047100	37,490

Separator depth filters HSN code: 39211900 | GST: 18%

Cat No.	Description	INR List Price*
60344	DISC SEPARATOR 47MM PP/PE 10UM 100PK	20,960

Syringe filters

Syringe filters with high flow rates and low protein binding;
Versatile filter for both aqueous and solvent-based sample
filtration

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Acrodisc™ syringe filters with Supor™ membrane

Deliver high flow rates and low protein binding

- Superior flow rates and higher throughputs than competitive devices
- Low protein binding to minimize sample loss
- Pre-sterilized products are sterilized by gamma irradiation to eliminate potential contamination by EtO residuals
- A range of sizes (13 to 37 mm) accommodates sample volumes from < 10 to 150 mL
- Acrodisc PF and Serum Acrodisc syringe filters feature built-in prefilter for increased throughput of difficult-to-filter liquids
- Reduces mycoplasma with the use of 0.1 µm pore size

Applications

- 0.1 and 0.2 µm pore sizes provide sterilization of small volumes of buffers, culture media, and additives
- Acrodisc PF and Serum Acrodisc syringe filters are ideal for clarification/sterilization of viscous or particulate-laden solutions
- Use larger pore size filters for prefiltration and particulate removal



Acrodisc With Supor Membrane, Sterile

HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
4602	Acrodisc 13mm SUPOR 0.2um gam 75pk	17,230
4604	Acrodisc 13mm SUPOR 0.45um gam 75pk	24,480
4608	Acrodisc 13mm SUPOR 0.8um gam 75pk	45,640
4611	Acrodisc 25mm SUPOR 0.1um gam 50pk	9,240
4612	Acrodisc 25mm SUPOR 0.2um gam 50pk	6,300
4614	Acrodisc 25mm SUPOR 0.45um gam 50pk	6,350
4618	Acrodisc 25mm SUPOR 0.8um gam 50pk	13,340
4651	Acrodisc 32mm SUPOR 0.1um gam 50pk	25,520
4652	Acrodisc 32mm SUPOR 0.2um gam 50pk	9,560
4654	Acrodisc 32mm SUPOR 0.45um gam 50pk	14,050
4656	Acrodisc 32mm SUPOR 1.2um gam 50pk	19,330
4650	Acrodisc 32mm SUPOR 5um gam 50pk	21,150

Acrodisc™ with wwPTFE membrane

HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
2400	Acrodisc 13mm wwPTFE MINI 0.2um 300pk	1,11,550
2402	Acrodisc 13mm wwPTFE MINI 0.45um 300pk	2,00,240
2400TC	Acrodisc 13mm wwPTFE Mini w/ 0.2um 100pk	39,410
2402TC	Acrodisc 13mm wwPTFE Mini w/0.45um 100pk	33,890
4914	Acrodisc 25mm wwPTFE 0.45um 200pk	64,740
4927	Acrodisc 25mm wwPTFE 0.2um 200pk	62,560
4929	Acrodisc 25mm wwPTFE 0.2um 1000pk	3,87,310
4932	Acrodisc 25mm wwPTFE 0.45um 1000pk	2,00,360
4914TC	Acrodisc 25mm wwPTFE 0.45um 50pk	38,730

Acrodisc PF Supor Sterile HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
4187	Acrodisc 25mm SUPOR 0.8/0.2um gam 50pk	16,400
4658	Acrodisc 32mm SUPOR .8/.2um gam 50pk	13,580

Acrodisc PTFE, 13 mm HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
4423	Acrodisc 13mm PTFE 0.2um 300/100pk	1,02,180
4422	Acrodisc 13mm PTFE 0.45um 300/100pk	99,140

Acrodisc Syr Filtrs With Nylon Membrane, 13 mm HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
4427	Acrodisc 13mm NYLON 0.2um 300/100pk	1,91,630
4426	Acrodisc 13mm NYLON 0.45um 300pk	91,130

Acrodisc Syr Filtrs With PVDF Membrane, 13 mm HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
4450	Acrodisc 13mm PVDF 0.2um MINISPK 300/CS	96,640
4452TC	Acrodisc 13mm PVDF Mini w/ 0.45um 100pk	40,200
4452	Acrodisc 13mm PVDF 0.45um MINISPK 300/CS	93,600
4457TC	ACRODISC 13MM WITH 0.45UM PVDF 100PK	51,120

Acrodisc Syr Filtrs With Nylon Membrane, 13 mm HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
4551TC	ACRODISC 13MM MINI W/ 0.45UM NYL 100PK	55,290
4551	Acrodisc 13mm NYLON MINI 0.45um 300/100pk	1,05,840
4546	Acrodisc 13mm NYLON MINI 0.45um 1000pk	2,42,870

Acrodisc Syr Filtrs With PTFE Membrane, 13 mm HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
4552	Acrodisc 13mm PTFE W/SPIKE 0.2um 300pk	1,05,010
4553	Acrodisc 13mm PTFE MINISPK 0.45um 300pk	1,16,650

Acrodisc Syr Filtrs With Versapor Mem, Sterile HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
4199	Acrodisc 25mm VERSAPOR 5um gam 50pk	17,750

Acrodisc™ syringe filters optimized for scale up HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
4908-N	ACRODISC 25MM POSIDYNE .2UM GAM 50PK	17,380

Acrodisc Syr Filtrs With PTFE Membrane, 25 mm HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
4225	Acrodisc 25mm PTFE 0.2um 200/50pk	79,770
4521	ACRODISC 25MM PTFE .2UM 1000PK	4,34,390
4219-N	Acrodisc 25mm PTFE 0.45um 200/50pk	1,07,300
4226	Acrodisc 25mm PTFE 1 um 200/50pk	1,01,960
4501	Acrodisc 25mm PTFE 0.45um 1000pk	2,01,400
4219TC	Acrodisc 25mm PTFE 0.45um 50pk	22,710
4225TC	Acrodisc 25mm PTFE 0.2um 50pk	36,940
4406TC	Acrodisc 25mm PVDF 0.2um 50pk	17,680

DMSO-Safe Acrodisc Syringe Filter HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
4433	Acrodisc 25mm DMSO NYLON 0.2um gam 50pk	24,660

Acrodisc Syr Filtrs With Nylon Membrane, 25 mm HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
4436	Acrodisc 25mm NYLON .2um 200pk	59,630
4522	ACRODISC 25MM NYLON .2UM 1000PK	3,30,070
4438	Acrodisc 25mm NYLON .45um 200/50pk	82,980
4502	Acrodisc 25mm NYLON 0.45um 1000pk	3,37,310
4436TC	Acrodisc 25mm NYLON 0.2um 50pk	18,750
4438TC	Acrodisc 25mm NYLON 0.45um 50pk	23,480

Acrodisc Syr Filtrs With Versapor Mem, Non-Sterile HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
4487	Acrodisc 25mm VERSAPOR 0.45um 300/75pk	1,01,730

Acrodisc Syr Filtrs With PVDF Membrane, 25 mm HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
4406	Acrodisc 25mm PVDF 0.2um 200/50pk	71,550
4520	ACRODISC 25MM PVDF .2UM 1000PK	3,83,980
4408	Acrodisc 25mm PVDF 0.45um 200pk	98,310

IC (PES) Acrodisc Syr Filtrs with Supor Mem, 25 mm HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
4583	Acrodisc 25mm SUPOR IC .02um 200pk	87,840

Acrodisc Syr Filtrs, 25 mm, Fluorodyne Membrane HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
4907-N	Acrodisc 25mm FLRDYN II 0.2um 50pk	31,940

Auto. Cert. Acrodisc PSF Syr Filtrs With Versapor Mem HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
AP-4189	Acrodisc PSF VERSAPOR 0.8um 200/CS	87,420

Auto. Cert. Acrodisc PSF Syr Filtrs With PTFE Mem HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
AP-4225	Acrodisc PSF 25mm PTFE 0.2um 200/50pk	1,03,130
AP-4219	Acrodisc PSF 25mm PTFE 0.45um 200/50pk	86,390
AP-4501	Acrodisc PSF 25mm PTFE 0.45um 1000pk	1,78,860

Auto. Cert. Acrodisc PSF Gx F Syr Filtrs With PTFE Mem HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
AP-4303	Acrodisc PSF 25mm GXF/PTFE 0.45um 200/CS	71,770

Auto. Cert. Acrodisc PSF Syr Filtrs With PVDF Mem HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
AP-4408	Acrodisc PSF 25mm PVDF 0.45um 200pk	71,320
AP-4500	Acrodisc PSF 25mm PVDF 0.45um 1000pk	2,39,460

Auto. Cert. Acrodisc PSF Syr Filtrs With Nyl Mem HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
AP-4436	Acrodisc PSF 25mm NYLON 0.2um 200/50pk	72,820
AP-4438	Acrodisc PSF 25mm NYLON 0.45um 200/50pk	65,740

Auto. Cert. Acrodisc PSF Syr Filtrs With wwPTFE HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
AP-4910	Acrodisc PSF 25mm wwPTFE 0.2um 200pk	62,520
AP-4916	Acrodisc PSF 25mm wwPTFE 0.45um 200pk	55,800
AP-4917	ACRODISC PSF 25MM WWPTFE .45UM 200PK	1,29,140

Auto. Cert. Acrodisc PSF Syr Filtrs G/F, 25 mm HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
AP-4140	ACRODISC PSF GF55 1000/PK	2,38,500
AP-4425	ACRODISC PSF GXF/SUPOR 0.45UM 200/CS	1,49,500
AP-4523	Acrodisc PSF 25mm GLASS 1um 200/50pk	59,580
AP-4529	Acrodisc PSF 25mm GF/GLASS 1um 1000pk	3,15,160
AP-4549	Acrodisc PSF 25mm GXF/NYLON 0.45um 200/CS	68,780
AP-4793	ACRODISC PSF 25MM GF/PVDF .2UM 200/50PK	1,35,160

Acrodisc™ WBC (white blood cell) syringe filter HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
AP-4951	Acrodisc PSF 25mm WBC gam 10pk	35,550

Acrodisc™ with Mustang™ E membrane HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
MSTG25E3	Acrodisc 25mm Mustang E 0.2um gamma 10pk	44,520

Ion chromatography (IC) Acrodisc™ syringe filters HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
AP-4585	Acrodisc PSF 25mm SUPORIC 0.45um 200/50pk	75,560

Pallflex™ TissuQuartz™ air monitoring filters

Heat treated for reduction of trace organics and superior
chemical purity

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TissuQuartz™ filters, a Pall Life Sciences product, are suited for a broad range of air monitoring applications

TissuQuartz™ Filters

- Heat treated for reduction of trace organics and superior chemical purity
- High temperature use for analysis of acidic gases and stack sampling aerosols
- High flow rate and filtration efficiency
- Ultra-pure soft water processing to reduce residual ion content

Specifications

Filter media

- Pure quartz, no binder



Tissuquartz™ Filters		HSN code: 70199000 GST: 18%
Cat No.	Description	INR List Price*
7200	Tissuequartz Pallflex 25mm 100pk	25,570
7201	Tissuequartz Pallflex 37mm 25pk	12,590
7202	Tissuequartz Pallflex 47mm 25pk	9,270
7204	Tissuequartz Pallflex 8x10IN 25pk	48,190

Emfab™ Filters		HSN code: 70199000 GST: 18%
Cat No.	Description	INR List Price*
7219	Emfab Pallflex TX40 HI20-WW 25mm 100pk	27,310
7217	Emfab Pallflex TX40 HI20-WW 37mm 100pk	21,980
7221I	Emfab Pallflex TX40 HI20-WW 47mm 100pk	23,870
7222I	Emfab Pallflex TX40 HI20-WW 70mm 100pk	30,470

Tangential flow filtration for lab scale

Streamlines lab-scale concentration, desalting, and buffer exchange processes

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Minimate™ tangential flow filtration system

Minimate tangential flow filtration system is designed for highly reliable buffer exchange or concentration of samples up to 1 liter.

Minimate tangential flow filtration system HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
OAPMPUNV	Minimate EVO system 1pk	9,07,890

Accessories and Replacement Parts HSN code: 84212900 | GST: 18%

Cat No.	Description	INR List Price*
97008	Minimate EVO reservoir kit 1pk	1,05,160
97009	Minimate EVO drip tray kit 1pk	1,81,510
97010	MINIMATE EVO STIR PLATE KIT 1PK	1,32,970

Accessories and Replacement Parts HSN code: 39173300 | GST: 18%

Cat No.	Description	INR List Price*
88216	MINIMATE TFF ACCESS KIT 1PK	17,220



Minimate tangential flow filtration capsules

Minimate tangential flow filtration capsules enable concentration and diafiltration (desalting or buffer exchange) to be performed on the same system with minimal user intervention.

Applications

- Concentrate and desalt proteins, peptides, or nucleic acids (DNA, RNA, oligonucleotides)
- Recover antibodies or recombinant proteins from clarified cell culture media
- Process metal sensitive enzymes and molecules
- Separate (fractionate) large from small biomolecules
- Concentrate viruses or gene therapy vectors
- Prepare samples before, after, or between steps to column chromatography
- Concentrate samples after gel filtration
- Depyrogenate water, buffers, and media solutions



Minimate TFF Capsules With Omega Membrane		HSN code: 84219900 GST: 18%
Cat No.	Description	INR List Price*
OA001C12	Minimate TFF capsule 1k OMEGA 1pk	33,090
OA003C12	Minimate TFF capsule 3k OMEGA 1pk	48,980
OA005C12	Minimate TFF capsule 5k OMEGA 1pk	32,170
OA010C12	Minimate TFF capsule 10k OMEGA 1pk	56,880
OA030C12	Minimate TFF capsule 30k OMEGA 1pk	66,060
OA050C12	Minimate TFF capsule 50k OMEGA 1pk	34,390
OA100C12	Minimate TFF capsule 100k OMEGA 1pk	32,320
OA300C12	Minimate TFF capsule 300k OMEGA P 1pk	41,570
OA500C12	Minimate TFF capsule 500k OMEGA 1pk	59,200

Minimate TFF Capsules With Omega Membrane		HSN code: 84212900 GST: 18%
Cat No.	Description	INR List Price*
29742559	STD TFF/C0.5-S6/0-0	15,72,080

Filter holders

Lightweight filter holder for particulate sampling, venting and air monitoring applications; High quality, corrosion-resistant holders for stack sampling



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25 mm in-line filter holder, Delrin plastic

25 mm in-line filter holder is a lightweight filter holder for particulate sampling, venting and air monitoring applications.

47 mm with nylon membrane polycarbonate

47 mm in-line filter holder is a sturdy, lightweight unit for monitoring particulates in gases or liquids. Lightweight plastic construction. Locking Luer vent plug facilitates removal of air bubbles in liquid filtration.

25 and 47 mm in-line filter holders, stainless steel

25 and 47 mm in-line filter holders feature stainless steel construction that offers excellent chemical resistance.

13 mm Swinney filter holders

Swinney filter holders are available in plastic and stainless steel versions.

25 mm In-Line Filter Holder, Delrin Plastic		HSN code: 84219900 GST: 18%
Cat No.	Description	INR List Price*
1109	Filter Holder Inline 25mm Delrin 6pk	27,090

47 mm In-Line Filter Holder, Polycarbonate		HSN code: 84219900 GST: 18%
Cat No.	Description	INR List Price*
1119	Filter Holder Inline 47mm Polycarb 1pk	22,100

47 mm In-Line Filter Holder, Stainless Steel		HSN code: 84219900 GST: 18%
Cat No.	Description	INR List Price*
2220	Filter Holder Inline 47mm SS 1pk	95,010

Air Monitoring Cassettes, 37 mm		HSN code: 84213990 GST: 18%
Cat No.	Description	INR List Price*
4339-N	Air Cassette 37mm 3PC unassemble 100pk	40,190

142 and 293 mm Disc Filter Holders, SS		HSN code: 84219900 GST: 18%
Cat No.	Description	INR List Price*
11872	Filter Holder 142mm SS 1pk	9,15,240



13 mm Swinney Filter Holder, Plastic		HSN code: 84219900 GST: 18%
Cat No.	Description	INR List Price*
4317-N	Filter Holder Swinney 13mm Plastic 5pk	13,230

25 mm Easy Pressure Syr Fitr Holder, Delrin Plastic		HSN code: 84219900 GST: 18%
Cat No.	Description	INR List Price*
4320-N	Filter Holder Syringe 25mm DELRIN 6pk	29,850

47 mm Open-Face Filter Holders		HSN code: 84219900 GST: 18%
Cat No.	Description	INR List Price*
4235	Support screen for SS filt fun 47mm 1pk	16,800

In-Line Filter Holder		HSN code: 84219900 GST: 18%
Cat No.	Description	INR List Price*
72161	Support Screen 293mm SS F/11873 1pk	1,91,350

Please note:

Prices

Prices are ex-godown and valid in India only.

Packing

Packing, forwarding, freight, postage etc. will be charged extra.

Taxes

- List prices do not include GST, which will be charged extra as applicable.
- This price list is not meant for retail sale. In case of retail sale please ensure that retail sale price do not exceed MRP (Incl. of all taxes) printed on the product label.

Claims

Claims for breakages and shortages in transit will not be entertained.

Insurance

Consignment can be insured on specific, request by customers at their cost.

Revision

- List prices are subject to revision on account of any increase in Central or State Government levies, taxes and duties.
- Abnormal fluctuations in ₹ / US \$ parity, and other commercial aspects without any prior notice.

Availability

Products are available with Cytiva authorized distributors across India. Please email to supportdesk.india@cytiva.com if you need any assistance.

Complaints

Complaints, if any, should be communicated to us within 30 days from the date of Invoice.

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