



2025 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, 2025 / Ref.CLF/April 2025
- 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

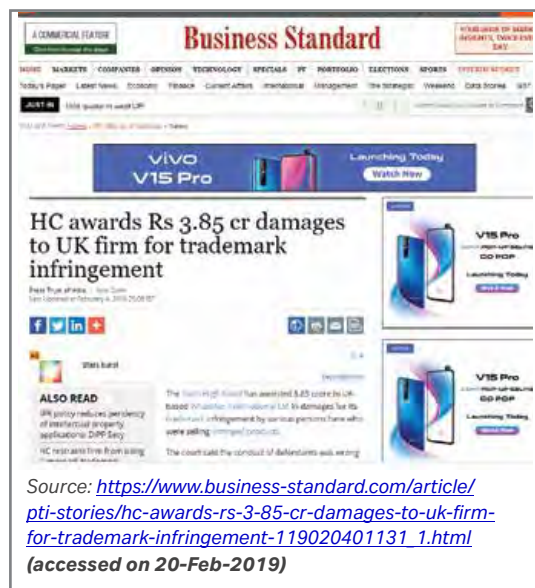
We would like to bring some recent facts to your attention about the Whatman™ registered Trade Mark in India. Whatman range of products have been a preferred choice of filter papers across industry and academia, acquired a very high reputation over time by virtue of its quality.

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.

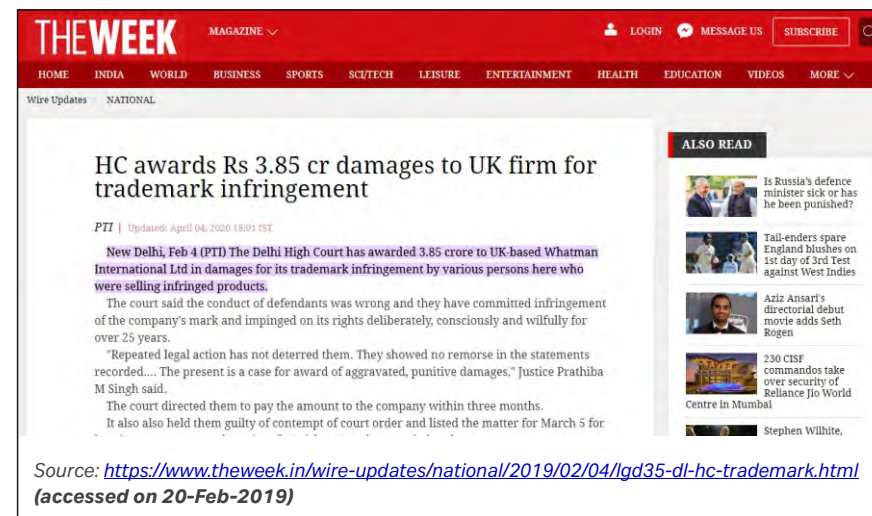
We wish to encourage you to write to us at supportdesk.india@cytiva.com for any feedback and in the event, you come across any spurious products bearing Whatman Trade Mark. Thank you for your continuous support for the Whatman range of products.

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



The screenshot shows the Business Standard website. The main headline is "HC awards Rs 3.85 cr damages to UK firm for trademark infringement". Below the headline, there is a sub-headline "PTI - Stories" and a date "19 Feb 2019". The article text is partially visible, mentioning "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." There is also a section titled "ALSO READ" with a link to "PTI - Stories/hc-awards-rs-3-85-cr-damages-to-uk-firm-for-trademark-infringement-119020401131_1.html".

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 The Week magazine website. The main headline is "HC awards Rs 3.85 cr damages to UK firm for trademark infringement". Below the headline, there is a sub-headline "PTI | Updated: April 04, 2020 18:01 IST". The article text is partially visible, mentioning "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." There is also a section titled "ALSO READ" with a link to "PTI - Stories/hc-awards-rs-3-85-cr-damages-to-uk-firm-for-trademark-infringement-119020401131_1.html".

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 Outlook website. The main headline is "HC awards Rs 3.85 cr damages to UK firm for trademark infringement". Below the headline, there is a sub-headline "PTI - Stories" and a date "19 Feb 2019". The article text is partially visible, mentioning "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." There is also a section titled "ALSO READ" with a link to "PTI - Stories/hc-awards-rs-3-85-cr-damages-to-uk-firm-for-trademark-infringement-119020401131_1.html".

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



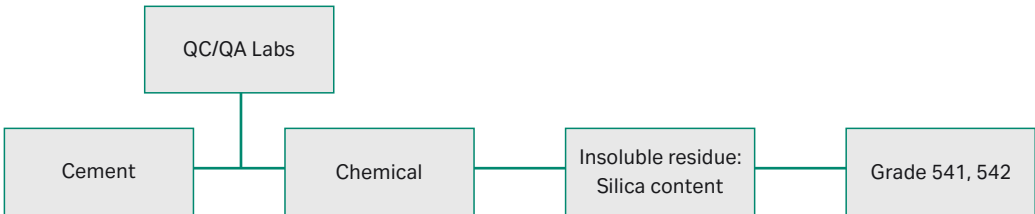
The screenshot shows the Live Law website. The main headline is "Delhi HC Awards Punitive Damages Of 3.85 Crores To UK Firm For Continued Trademark Infringement". Below the headline, there is a sub-headline "PTI - Stories" and a date "19 Feb 2019". The article text is partially visible, mentioning "New 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." There is also a section titled "ALSO READ" with a link to "PTI - Stories/hc-awards-rs-3-85-cr-damages-to-uk-firm-for-trademark-infringement-119020401131_1.html".

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

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

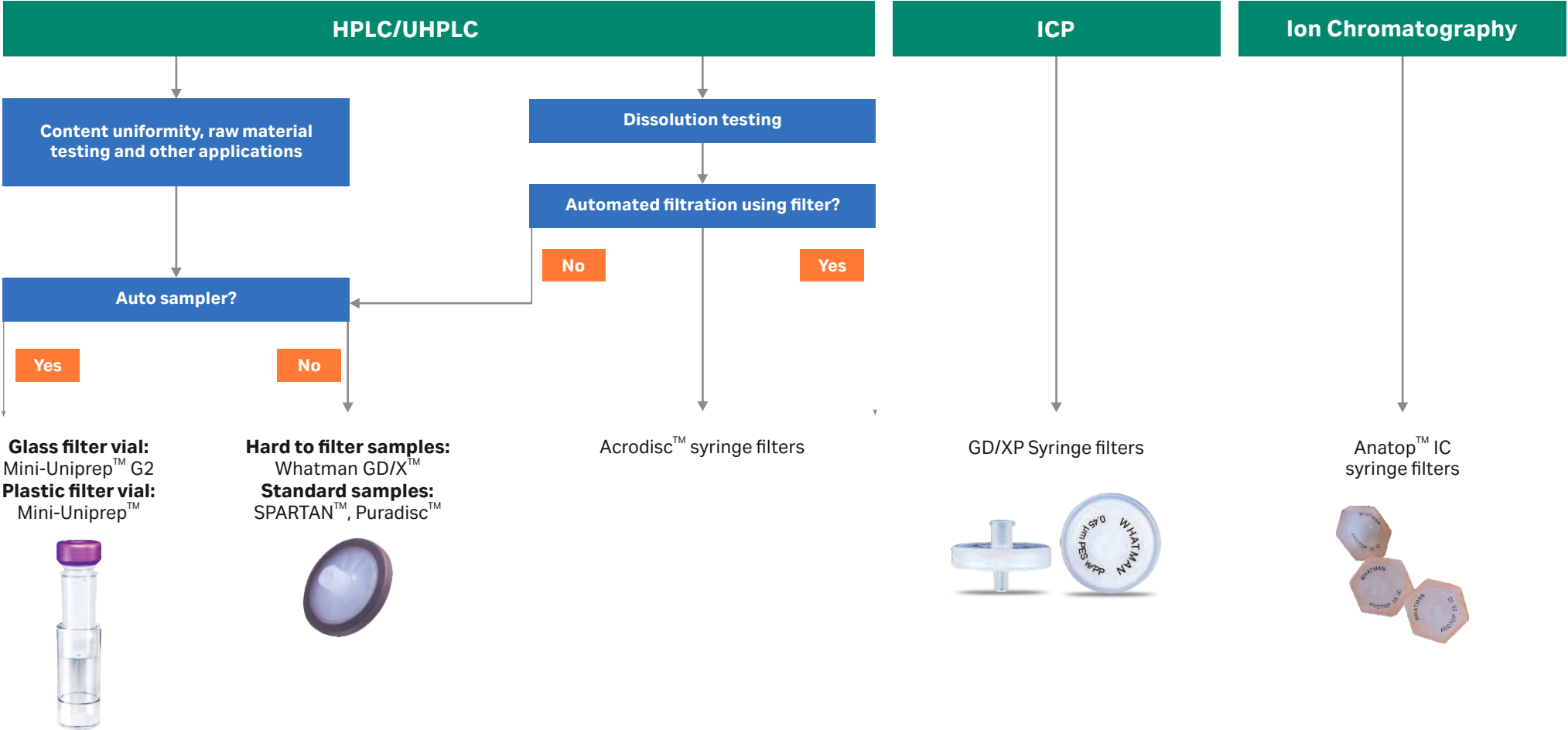
Gravimetric analysis tests for cement applications

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)	

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

Filter papers

Cellulose filter papers

Qualitative filter papers

Grade 1: 11µm

HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price
1001-0155	GR 1 1.5CM 500/PK	7900
1001-020	GR 1 2.0CM 400/PK	7380
1001-025	GR 1 2.5CM 400/PK	6610
1001-030	GR 1 3.0CM 400/PK	6980
1001-032	GR 1 3.2CM 100/PK	1780
1001-042	GR 1 4.25CM 100/PK	1790
1001-045	GR 1 4.5CM 100/PK	1090
1001-047	GR 1 4.7CM 100/PK	1790
1001-055	GR 1 5.5CM 100/PK	1880
1001-070	GR 1 7.0CM 100/PK	1860
1001-082	GR 1 8.2CM 100/PK	2660
1001-085	GR 1 8.5CM 100/PK	2200
1001-090	GR 1 9.0CM 100/PK	1570
1001-110	GR 1 11.0CM 100/PK	1720
1001-125	GR 1 12.5CM 100/PK	1940
1001-150	GR 1 15.0CM 100/PK	2280
1001-185	GR 1 18.5CM 100/PK	3410
1001-240	GR 1 24.0CM 100/PK	7300
1001-270	GR 1 27.0CM 100/PK	8510
1001-320	GR 1 32.0CM 100/PK	9130
1001-325	GR 1 2.5CM 100/PK	1770
1001-329	GR 1 3.0CM 100/PK	1740
1001-385	GR 1 38.5CM 100/PK	24810
1001-400	GR 1 40.0CM 100/PK	20580
1001-500	GR 1 50.0CM 100/PK	31370
1001-6508	GR 1 1.0CM 500/PK	8680
1001-824	GR 1 7.5x10CM 500/PK	14930

Grade 1: 11µm

HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR List Price
1001-917	GR 1 46X57CM 100/PK	18650
1001-918	GR 1 46X57CM 500/PK	67830
1001-929	GR 1 60X60CM 100/PK	34080
1001-931	GR 1 58x68CM 100/PK	41290
1001-932	GR 1 58x68CM 500/PK	153170

Grade 2: 8µm

HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price
1002-042	GR 2 4.25CM 100/PK	1780
1002-047	GR 2 4.7CM 100/PK	2010
1002-055	GR 2 5.5CM 100/PK	1800
1002-070	GR 2 7.0CM 100/PK	1990
1002-090	GR 2 9.0CM 100/PK	1930
1002-110	GR 2 11.0CM 100/PK	2170
1002-125	GR 2 12.5CM 100/PK	2320
1002-150	GR 2 15.0CM 100/PK	3480
1002-185	GR 2 18.5CM 100/PK	4790
1002-240	GR 2 24.0CM 100/PK	8680
1002-270	GR 2 27.0CM 100/PK	3190
1002-320	GR 2 32.0CM 100/PK	19850
1002-385	GR 2 38.5CM 100/PK	11160

Grade 2: 8µm

HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR List Price
1002-917	GR 2 46x57CM 100/PK	30680
1002-929	GR 2 60x60CM 100/PK	47320
1002-931	GR 2 58X68CM 100/PK	62910

Qualitative filter papers

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

Cat. Nos	Description	INR List Price
1003-055	GR 3 5.5CM 100/PK	2490
1003-070	GR 3 7.0CM 100/PK	2970
1003-090	GR 3 9.0CM 100/PK	3240
1003-110	GR 3 11.0CM 100/PK	3040
1003-125	GR 3 12.5CM 100/PK	4180
1003-150	GR 3 15.0CM 100/PK	4610
1003-185	GR 3 18.5CM 100/PK	8860
1003-240	GR 3 24.0CM 100/PK	14210
1003-320	GR 3 32.0CM 100/PK	26080
1003-323	GR 3 2.3CM 100/PK	2300

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

Cat. Nos	Description	INR List Price
1003-917	GR 3 46x57CM 100/PK	57660

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

Cat. Nos	Description	INR List Price
1004-027	GR 4 2.7CM 400/PK	1270
1004-041	GR 4 41MM 100/PK	1620
1004-042	GR 4 4.25CM 100/PK	1560
1004-047	GR 4 4.7CM 100/PK	1620
1004-050	GR 4 5CM 100/PK	2130
1004-055	GR 4 5.5CM 100/PK	1690
1004-070	GR 4 7CM 100/PK	1660
1004-090	GR 4 9CM 100/PK	1870
1004-110	GR 4 11CM 100/PK	2220
1004-125	GR 4 12.5CM 100/PK	2600

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

Cat. Nos	Description	INR List Price
1004-150	GR 4 15CM 100/PK	3640
1004-185	GR 4 18.5CM 100/PK	5380
1004-240	GR 4 24CM 100/PK	9580
1004-270	GR 4 27CM 100/PK	11250
1004-320	GR 4 32CM 100/PK	15110
1004-400	GR 4 40CM 100/PK	21980

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

Cat. Nos	Description	INR List Price
1004-917	GR 4 46x57CM 100/PK	38980
1004-930	GR 4 58x58CM 100/PK	58480

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

Cat. Nos	Description	INR List Price
1005-042	GR 5 4.25CM 100/PK	1770
1005-047	GR 5 4.7CM 100/PK	2660
1005-055	GR 5 5.5CM 100/PK	1990
1005-070	GR 5 7CM 100/PK	2170
1005-090	GR 5 9CM 100/PK	2270
1005-110	GR 5 11CM 100/PK	2450
1005-125	GR 5 12.5CM 100/PK	3080
1005-150	GR 5 15CM 100/PK	4820
1005-185	GR 5 18.5CM 100/PK	7860
1005-240	GR 5 24CM 100/PK	14210
1005-320	GR 5 32CM 100/PK	30020
1005-325	GR 5 2.5CM 100/PK	2660

Filter papers

Cellulose filter papers

Qualitative filter papers

Grade 6: 3µm

HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price
1006-042	GR 6 4.25CM 100/PK	1950
1006-070	GR 6 7CM 100/PK	2340

Grade 6: 3µm

HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price
1006-090	GR 6 9CM 100/PK	2520
1006-110	GR 6 11CM 100/PK	3010
1006-125	GR 6 12.5CM 100/PK	3810
1006-150	GR 6 15CM 100/PK	4850
1006-185	GR 6 18.5CM 100/PK	8680
1006-240	GR 6 24CM 100/PK	13560

Grade 591: 7-12µm

HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR List Price
10311387	591 58x58CM 250/PK	286020

Grade 595: 4-7µm

HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price
10311610	595 110MM 100/PK	3520
10311611	595 125MM 100/PK	3370
10311612	595 150MM 100/PK	4640

Grade 595: 4-7µm

HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR List Price
10311687	595 58x58CM 500/PK	239250

Grade 597: 4-7µm

HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price
10311862	597 12.7MM 1000/PK	11340
10311804	597 45MM 100/PK	1590
10311807	597 55MM 100/PK	1590
10311808	597 70MM 100/PK	2050
10311809	597 90MM 100/PK	2230
10311810	597 110MM 100/PK	3050

Grade 597: 4-7µm

HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price
10311811	597 125MM 100/PK	4130
10311812	597 150MM 100/PK	5250
10311814	597 185MM 100/PK	7510
10311820	597 240MM 100/PK	12290
10311822	597 320MM 100/PK	25870
10312070	597L 40MMx100M 1/PK	32430
10311887	597 58x58CM 500/PK	257530
10311897	597 58x58CM 100/PK	58190

Grade 598: 8-10µm

HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price
10312209	598 90MM 100/PK	2770

Grade 598: 8-10µm

HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR List Price
10312287	598 58x58CM 250/PK	254970

Qualitative filter papers

Grade 602h: < 2µm

HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price
10312611	602H 125MM 100/PK	5550
10312612	602H 150MM 100/PK	8200
10312614	602H 185MM 100/PK	11760
10312620	602H 240MM 100/PK	19850
10312500	602EH 10MMx50M 20/PK	44200

Filter papers
Cellulose filter papers

Wet strengthened general purpose filter papers

Wet strengthened grades

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

Grade 91 (10 µm*)

A general purpose creped filter for less critical routine analysis. Widely used to assay sucrose in cane sugar and within pharmaceutical laboratories for routine filtration.

Grade 93 (10 µm*)

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

Grade 113 (30 µm*)

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

Grade 114 (25 µm*)

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

Grade 1573 (12–25 µm*)

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

Grade 1574 (7–12 µm*)

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

Grade 1575 (< 2 µm*)

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

* Particle retention rating at 98% efficiency



Qualitative filter papers, Grade 91

Wet strengthened general purpose filter papers

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

Cat. Nos	Description	INR List Price
1091-110	GR 91 11.0CM 4000/PK	62030
1091-125	GR 91 12.5CM 4000/PK	71950
1091-150	GR 91 15CM 1000/PK	28180
1091-165	GR 91 16.5CM 1000/PK	29420
1091-185	GR 91 18.5CM 1000/PK	35620
1091-190	GR 91 19CM 1000/PK	64150
1091-240	GR 91 24CM 1000/PK	54940

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

Cat. Nos	Description	INR List Price
1091-930	GR 91 58x58CM 500/PK	88430
1091-935	GR 91 61x61CM 500/PK	90200

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

Cat. Nos	Description	INR List Price
1093-110	GR 93 11CM 100/PK	1420
1093-125	GR 93 12.5CM 100/PK	1440
1093-6215	GR 93 15CM 10x100/PK	25870

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

Cat. Nos	Description	INR List Price
1093-930	GR 93 58x58CM 500/PK	74430
1093-935	GR 93 61x61CM 500/PK	79570

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

Cat. Nos	Description	INR List Price
1113-090	GR 113 9CM 100/PK	3410

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

Cat. Nos	Description	INR List Price
1113-110	GR 113 11CM 100/PK	4080
1113-125	GR 113 12.5CM 100/PK	4610
1113-150	GR 113 15CM 100/PK	6330
1113-185	GR 113 18.5CM 100/PK	10280
1113-240	GR 113 24CM 100/PK	14350
1113-500	GR 113 50CM 100/PK	74790

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

Cat. Nos	Description	INR List Price
1113-917	GR 113 46x57CM 100/PK	88260

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

Cat. Nos	Description	INR List Price
1114-090	GR 114 9CM 100/PK	2840
1114-125	GR 114 12.5CM 100/PK	3010
1114-150	GR 114 15CM 100/PK	3540
1114-185	GR 114 18.5CM 100/PK	4960
1114-240	GR 114 24CM 100/PK	8150
1114-400	GR 114 40CM 100/PK	38630

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

Cat. Nos	Description	INR List Price
1114-930	GR 114 58x58CM 100/PK	82580

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

Cat. Nos	Description	INR List Price
10314712	1573 150MM 100/PK	10450
10314726	1573 290MM 100/PK	31900
10314765	1573 70MMx80M 1/PK	9570

Wet strengthened general purpose filter papers

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

Cat. Nos	Description	INR List Price
10314766	1573 25.5MMx210M 1/PK	40620
10314769	1573 25MMx145M 10/PK	18260

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

Cat. Nos	Description	INR List Price
10314828	1574 685MM 100/PK	237730
10314871	1574 70MMx100M 1/PK Neutral	18550

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

Cat. Nos	Description	INR List Price
10314916	1575 200MM 100/PK	17070

Quantitative filter papers—ashless grades

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

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

Grade 40: 8 µm*

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

Grade 41 (20 µm*)

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

Grade 42 (2.5 µm*)

Used for critical gravimetric analysis with the finest particle retention of all Whatman cellulose filter papers. Typical analytical precipitates include barium sulfate, metastannic acid, and finely precipitated calcium carbonate.

Grade 43 (16 µm*)

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

Grade 44 (3 µm*)

Thin version of Grade 42 retaining very fine particles but with lower ash weight per sample and almost twice the flow rate of Grade 42.

* Particle retention rating at 98% efficiency.



Quantitative filter papers, ashless

Quantitative filter papers—ashless grades

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

Cat. Nos	Description	INR List Price
1440-012	GR 40 1.27CM 400/PK	3280
1440-032	GR 40 3.2CM 100/PK	4250
1440-042	GR 40 4.25CM 100/PK	3920
1440-047	GR 40 4.7CM 100/PK	4330
1440-055	GR 40 5.5CM 100/PK	3010
1440-070	GR 40 7CM 100/PK	3190
1440-090	GR 40 9CM 100/PK	4120
1440-110	GR 40 11CM 100/PK	4830
1440-125	GR 40 12.5CM 100/PK	5960
1440-150	GR 40 15CM 100/PK	7820
1440-185	GR 40 18.5CM 100/PK	13020
1440-240	GR 40 24CM 100/PK	25740

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

Cat. Nos	Description	INR List Price
1440-320	GR 40 32CM 100/PK	64330
1440-329	GR 40 3CM 100/PK	3720
1440-6168	GR 40 45CM 100/PK	76560

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

Cat. Nos	Description	INR List Price
1440-917	GR 40 46x57CM 100/PK	83740

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

Cat. Nos	Description	INR List Price
1441-042	GR 41 4.25CM 100/PK	3410

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

Cat. Nos	Description	INR List Price
1441-047	GR 41 4.7CM 100/PK	2770
1441-050	GR 41 5CM 100/PK	4250
1441-055	GR 41 5.5CM 100/PK	3390
1441-060	GR 41 6CM 100/PK	4430
1441-070	GR 41 7CM 100/PK	3310

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

Cat. Nos	Description	INR List Price
1441-090	GR 41 9CM 100/PK	4160
1441-110	GR 41 11CM 100/PK	5600
1441-125	GR 41 12.5CM 100/PK	6190
1441-150	GR 41 15CM 100/PK	8160
1441-185	GR 41 18.5CM 100/PK	13010
1441-240	GR 41 24CM 100/PK	25880

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

Cat. Nos	Description	INR List Price
1441-320	GR 41 32CM 100/PK	55470
1441-866	GR 41 20.3x25.4CM 100/PK	41820

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

Cat. Nos	Description	INR List Price
1441-917	GR 41 46x57CM 100/PK	77170

Quantitative filter papers—ashless grades

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

Cat. Nos	Description	INR List Price
1442-042	GR 42 4.25CM 100/PK	2990
1442-047	GR 42 4.7CM 100/PK	4090
1442-055	GR 42 5.5CM 100/PK	2740
1442-070	GR 42 7CM 100/PK	3350
1442-090	GR 42 9CM 100/PK	4080
1442-110	GR 42 11CM 100/PK	4980
1442-125	GR 42 12.5CM 100/PK	5910
1442-150	GR 42 15CM 100/PK	7870
1442-185	GR 42 18.5CM 100/PK	12900
1442-240	GR 42 24CM 100/PK	20730
1442-320	GR 42 32CM 100/PK	36510
1442-6551	GR 42 2.54 x 9CM 100/PK	14710

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

Cat. Nos	Description	INR List Price
1442-917	GR 42 46 x 57CM 100/PK	70420

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

Cat. Nos	Description	INR List Price
1443-090	GR 43 9CM 100/PK	4840
1443-110	GR 43 11CM 100/PK	6830

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

Cat. Nos	Description	INR List Price
1443-125	GR 43 12.5CM 100/PK	6300
1443-150	GR 43 15CM 100/PK	10790
1443-185	GR 43 18.5CM 100/PK	15590

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

Cat. Nos	Description	INR List Price
1444-070	GR 44 7CM 100/PK	4160
1444-090	GR 44 9CM 100/PK	4790
1444-110	GR 44 11CM 100/PK	5740
1444-125	GR 44 12.5CM 100/PK	6110
1444-150	GR 44 15CM 100/PK	11010
1444-185	GR 44 18.5CM 100/PK	15590
1444-240	GR 44 24CM 100/PK	31010

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

Cat. Nos	Description	INR List Price
10300009	589/1 BLKRIB 90MM 100/PK	8320
10300010	589/1 BLKRIB 110MM 100/PK	9220
10300011	589/1 BLKRIB 125MM 100/PK	11030
10300012	589/1 BLKRIB 150MM 100/PK	14720
10300014	589/1 BLKRIB 185MM 100/PK	20480

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

Cat. Nos	Description	INR List Price
10300102	589/2 WHTRIB 12.7MM 1000/PK	10940
10300106	589/2 WHTRIB 50MM 100/PK	4440
10300107	589/2 WHTRIB 55MM 100/PK	4610
10300108	589/2 WHTRIB 70MM 100/PK	5780

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

Cat. Nos	Description	INR List Price
10300109	589/2 WHTRIB 90MM 100/PK	8680
10300110	589/2 WHTRIB 110MM 100/PK	8620

Quantitative filter papers—ashless grades

Grade 589/2: 4-12µm WHTRIB

HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price
10300111	589/2 WHTRIB 125MM 100/PK	8680
10300112	589/2 WHTRIB 150MM 100/PK	15420
10300114	589/2 WHTRIB 185MM 100/PK	19790
10300120	589/2 WHTRIB 240MM 100/PK	31570

Grade 589/3: 2µm BLURIB

HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price
10300263	589/3 BLURIB 12.8MM 1000/PK	13820
10300210	589/3 BLURIB 110MM 100/PK	9140
10300211	589/3 BLURIB 125MM 100/PK	10780
10300212	589/3 BLURIB 150MM 100/PK	13310
10300214	589/3 BLURIB 185MM 100/PK	19030

Quantitative filter papers—hardened low ash grades

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

Grade 50 (2.7 µm*)

Retention of very fine crystalline precipitates. The thinnest of all Whatman™ filter papers with a slow flow rate, these filters have a hardened and highly glazed surface, which also keeps the paper free from loose surface fibers.

Highly suitable for qualitative or quantitative filtrations requiring vacuum assistance on Büchner or 3-piece filter funnels. Very strong when wet and will withstand wet handling and precipitate removal by scraping. In the electronics industry, the virtual absence of fiber shedding is utilized in carriers for integrated circuits.

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

Grade 52 (7 µm*)

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

Grade 54 (22 µm*)

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

* Particle retention rating at 98% efficiency.



Hardened low ash quantitative filter papers

Quantitative filter papers—hardened low ash grades

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

Cat. Nos	Description	INR List Price
1450-042	GR 50 4.25CM 100/PK	3600
1450-055	GR 50 5.5CM 100/PK	3480
1450-070	GR 50 7CM 100/PK	4080
1450-090	GR 50 9CM 100/PK	4800
1450-110	GR 50 11CM 100/PK	7160

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

Cat. Nos	Description	INR List Price
1450-125	GR 50 12.5CM 100/PK	7770
1450-150	GR 50 15CM 100/PK	11750
1450-185	GR 50 18.5CM 100/PK	17090
1450-240	GR 50 24CM 100/PK	29950
1450-320	GR 50 32CM 100/PK	45370
1450-916	GR 50 15x23CM 100/PK	31550

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

Cat. Nos	Description	INR List Price
1450-917	GR 50 46x57CM 100/PK	87400

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

Cat. Nos	Description	INR List Price
1452-090	GR 52 9CM 100/PK	6690
1452-110	GR 52 11CM 100/PK	7880
1452-125	GR 52 12.5CM 100/PK	9070
1452-150	GR 52 15CM 100/PK	12110
1452-240	GR 52 24CM 100/PK	28000

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

Cat. Nos	Description	INR List Price
1454-055	GR 54 5.5CM 100/PK	3410
1454-070	GR 54 7CM 100/PK	3960
1454-090	GR 54 9CM 100/PK	5320
1454-105	Grade 54 Circles 105MM 100/PK	13650
1454-110	GR 54 11CM 100/PK	6780
1454-125	GR 54 12.5CM 100/PK	8400
1454-150	GR 54 15CM 100/PK	11760
1454-185	GR 54 18.5CM 100/PK	17550

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

Cat. Nos	Description	INR List Price
1454-240	GR 54 24CM 100/PK	31190
1454-320	GR 54 32CM 100/PK	55120
1454-500	GR 54 50CM 100/PK	114490

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

Cat. Nos	Description	INR List Price
1454-917	GR 54 46x57CM 100/PK	152320

Quantitative filter papers—hardened ashless grades

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

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

Grade 540 (8 μm^*)

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

Grade 541 (22 μm^*)

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

Grade 542 (2.7 μm^*)

High retention of fine particles under demanding conditions. Slow flow rate. Very hard and strong with excellent chemical resistance. Often used in gravimetric metal determinations.

* Particle retention rating at 98% efficiency.



Hardened ashless quantitative filter papers, Grade 540

Quantitative filter papers—hardened ashless grades

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

Cat. Nos	Description	INR List Price
1540-321	GR 540 2.1CM 100/PK	4250
1540-324	GR 540 2.4CM 100/PK	4250
1540-042	GR 540 4.25CM 100/PK	3800
1540-055	GR 540 5.5CM 100/PK	3960
1540-090	GR 540 9CM 100/PK	5150
1540-110	GR 540 11CM 100/PK	6990
1540-125	GR 540 12.5CM 100/PK	7830
1540-150	GR 540 15CM 100/PK	12110
1540-185	GR 540 18.5CM 100/PK	20380
1540-240	GR 540 24CM 100/PK	34030
1540-320	GR 540 32CM 100/PK	73020

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

Cat. Nos	Description	INR List Price
1541-042	GR 541 4.25CM 100/PK	3600
1541-047	GR 541 4.7CM 100/PK	3780
1541-055	GR 541 5.5CM 100/PK	3780
1541-070	GR 541 7CM 100/PK	4160

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

Cat. Nos	Description	INR List Price
1541-090	GR 541 9CM 100/PK	4960
1541-110	GR 541 11CM 100/PK	7030
1541-125	GR 541 12.5CM 100/PK	7050
1541-150	GR 541 15CM 100/PK	11980

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

Cat. Nos	Description	INR List Price
1541-185	GR 541 18.5CM 100/PK	19320
1541-240	GR 541 24CM 100/PK	33090
1541-270	GR 541 27CM 100/PK	45720
1541-320	GR 541 32CM 100/PK	59190
1541-400	GR 541 40CM 100/PK	97650

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

Cat. Nos	Description	INR List Price
1541-917	GR 541 46x57CM 100/PK	113590

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

Cat. Nos	Description	INR List Price
1542-055	GR 542 5.5CM 100/PK	4160
1542-070	GR 542 7CM 100/PK	4160
1542-090	GR 542 9CM 100/PK	5970
1542-110	GR 542 11CM 100/PK	7970
1542-125	GR 542 12.5CM 100/PK	8490
1542-150	GR 542 15CM 100/PK	13200
1542-185	GR 542 18.5CM 100/PK	19320
1542-240	GR 542 24CM 100/PK	32550

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

Cat. Nos	Description	INR List Price
1201-125	1V 12.5CM 100/PK	4540
1201-150	1V 15CM 100/PK	17190
1201-185	1V 18.5CM 100/PK	7290
1201-240	1V 24CM 100/PK	11370
1201-270	1V 27CM 100/PK	12890
1201-320	1V 32CM 100/PK	5740

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

Cat. Nos	Description	INR List Price
1202-125	GR 2 FF 12.5CM 100/PK	8670
1202-150	GR 2 FF 15CM 100/PK	9760
1202-185	GR 2 FF 18.5CM 100/PK	12030
1202-240	GR 2 FF 24CM 100/PK	15520
1202-270	GR 2 FF 27CM 100/PK	20510
1202-320	GR 2 FF 32CM 100/PK	21820
1202-385	GR 2 FF 38.5CM 100/PK	49550
1202-400	GR 2 FF 40CM 100/PK	48640
1202-500	GR 2 FF 50CM 100/PK	55180

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

Cat. Nos	Description	INR List Price
1204-125	4V 12.5CM 100/PK	5080
1204-150	4V 15CM 100/PK	26860
1204-0185	4V 18.5CM 100/PK	9720
1204-240	4V 24CM 100/PK	14880
1204-270	4V 27CM 100/PK	17060
1204-320	4V 32CM 100/PK	6530

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

Cat. Nos	Description	INR List Price
1213-125	GR 113 FF 12.5CM 100/PK	25770
1213-150	GR 113 FF 15CM 100/PK	17500
1213-185	GR 113 FF 18.5CM 100/PK	26320
1213-240	GR 113 FF 24CM 100/PK	29400
1213-270	GR 113 FF 27CM 100/PK	37390
1213-320	GR 113 FF 32CM 100/PK	32670
1213-500	GR 113 FF 50CM 100/PK	67880

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

Cat. Nos	Description	INR List Price
1214-125	GR 114 FF 12.5CM 100/PK	10660
1214-150	GR 114 FF 15CM 100/PK	13250
1214-185	GR 114 FF 18.5CM 100/PK	15840
1214-240	GR 114 FF 24CM 100/PK	29950
1214-320	GR 114 FF 32CM 100/PK	32850

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

Cat. Nos	Description	INR List Price
10310245	287 FF 150MM 50/PK	13060
10310247	287 FF 185MM 50/PK	14860

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

Cat. Nos	Description	INR List Price
10331451	520A FF 240MM 100/PK	16880
10331456	520A FF 500MM 100/PK	49990
10331494	520A FF 450MM 100/PK	38270

Filter papers

Cellulose filter papers

Folded and fluted filter papers

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

Cat. Nos	Description	INR List Price
10331551	520B FF 240MM 50/PK	17300
10331553	520B FF 320MM 50/PK	24640
10331554	520B FF 385MM 50/PK	35300
10331556	520B FF 500MM 50/PK	53830
10331558	520B FF 600MM 20/PK	62220

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

Cat. Nos	Description	INR List Price
10311447	593 FF 185MM 100/PK	14160
10311451	593 FF 240MM 100/PK	21150

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

Cat. Nos	Description	INR List Price
10311547	594 FF 185MM 100/PK	18690

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

Cat. Nos	Description	INR List Price
10311641	595 FF 70MM 100/PK	10130
10311642	595 FF 90MM 100/PK	9610
10311643	595 FF 110MM 100/PK	11250
10311644	595 FF 125MM 100/PK	12700
10311645	595 FF 150MM 100/PK	13790
10311647	595 FF 185MM 100/PK	17410
10311651	595 FF 240MM 100/PK	22160
10311652	595 FF 270MM 100/PK	27960
10311653	595 FF 320MM 100/PK	36530
10311654	595 FF 385MM 100/PK	44920

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

Cat. Nos	Description	INR List Price
10311656	595N FF 500MM 100/PK	74050

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

Cat. Nos	Description	INR List Price
10311841	597 FF 70MM 100/PK	8110
10311842	597 FF 90MM 100/PK	9440
10311844	597 FF 125MM 100/PK	11190
10311845	597 FF 150MM 100/PK	11980
10311847	597 FF 185MM 100/PK	12800
10311851	597 FF 240MM 100/PK	16580
10311852	597 FF 270MM 100/PK	19780
10311853	597 FF 320MM 100/PK	25750
10311854	597 FF 385MM 100/PK	49640
10311856	597 FF 500MM 100/PK	64140

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

Cat. Nos	Description	INR List Price
10312244	598 FF 125MM 50/PK	14680
10312247	598 FF 185MM 50/PK	18180
10312251	598 FF 240MM 50/PK	20280
10312256	598 FF 500MM 50/PK	61000

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

Cat. Nos	Description	INR List Price
10312544	602EH FF 125MM 100/PK	11430
10312545	602EH FF 150MM 100/PK	11250
10312642	602H FF 90MM 100/PK	7910

Folded and fluted filter papers

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

Cat. Nos	Description	INR List Price
10312644	602H FF 125MM 100/PK	11010
10312645	602H FF 150MM 100/PK	12220
10312647	602H FF 185MM 100/PK	12930
10312651	602H FF 240MM 100/PK	38980

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

Cat. Nos	Description	INR List Price
10312744	604 FF 125MM 100/PK	11250
10312745	604 FF 150MM 100/PK	10660
10312747	604 FF 185MM 100/PK	12760
10312751	604 FF 240MM 100/PK	14160
10312753	604 FF 320MM 100/PK	30240

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

Cat. Nos	Description	INR List Price
10334345	0858 FF150MM 100/PK	8170
10334347	0858 FF 185MM 100/PK	7690
10334352	0858 FF 270MM 100/PK	15030
10334353	0858 FF 320MM 100/PK	24640

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

Cat. Nos	Description	INR List Price
10334547	0860 FF 185MM 100/PK	11010
10334551	0860 FF 240MM 100/PK	14330
10334553	0860 FF 320MM 100/PK	21820
10334607	0860 140x190MM 500/PK	9900

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

Cat. Nos	Description	INR List Price
10314744	1573 FF 125MM 100/PK	14330
10314745	1573 FF 150MM 100/PK	15200
10314747	1573 FF 185MM 100/PK	18530
10314751	1573 FF 240MM 100/PK	29190
10314752	1573 FF 270MM 100/PK	37570
10314753	1573 FF 320MM 100/PK	46140

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

Cat. Nos	Description	INR List Price
10314844	1574 FF 125MM 100/PK	16150

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

Cat. Nos	Description	INR List Price
10313947	2555 FF 185MM 100/PK	8040
10313951	2555 FF 240MM 100/PK	10890
10313953	2555 FF 320MM 100/PK	12150

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

Cat. Nos	Description	INR List Price
10300045	589/1 FF BLKRIB 150MM 100/PK	20140

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

Cat. Nos	Description	INR List Price
10300143	589/2 FF WHTRIB 110MM 100/PK	19670
10300145	589/2 FF WHTRIB 150MM 100/PK	26280

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



Folded filter papers

Pyramid Fold		HSN Code: 48232000 GST: 18%
Cat. Nos	Description	INR List Price
989710112	GR1 125MM Pyramid 1000PK	21670
989810116	GR 4 110MM Pyramid 1000/PK	23610
989810112	GR 4 125MM Pyramid 1000/PK	26490
9891-128	GR 6 12.5CM Pyramid 1000/PK	40710
9892-128	GR 40 12.5CM Pyramid 1000/PK	60330
989510116	GR 41 110MM Pyramid 1000/PK	59820
989510112	GR41 125MM Pyramid 1000/PK	64940
989610137	GR 42 90MM Pyramid 1000PK	43490
989610116	GR 42 110MM Pyramid 1000PK	54330
989610112	GR 42 125MM Pyramid 1000/PK	61000
1540-10123	GR 540 9CM Pyramid 1000/PK	54330
1540-10124	GR 540 11CM Pyramid 1000/PK	74220

Quadrant Fold		HSN Code: 48232000 GST: 18%
Cat. Nos	Description	INR List Price
10380404	1 FF Quadrant 110MM 500/PK	10830
10380405	1 FF Quadrant 125MM 500/PK	11880
10380406	1 FF Quadrant 150MM 500/PK	13110
10380004	40 FF Quadrant 110MM 500/PK	17480
10380005	40 FF Quadrant 125MM 500/PK	21850
10380006	40 FF Quadrant 150MM 500/PK	24990
10380204	41 FF Quadrant 110MM 500/PK	17480
10380205	41 FF Quadrant 125MM 500/PK	21850
10380206	41 FF Quadrant 150MM 500/PK	24990
10334348	0858 FF Quadrant 185MM 100/PK	9090



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

Filter papers

Cellulose filter papers

Application specific filter papers

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

Cat. Nos	Description	INR List Price
10334365	0858 11x58CM 500/PK WRAPSTRIP	32430
10334383	0858 390x390MM 500/PK	67070
10334346	0858 570x870MM PK100	101370

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

Cat. Nos	Description	INR List Price
10334385	0858 450x450MM 500/PK	92840

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

Cat. Nos	Description	INR List Price
10334885	0903 450x450MM 500/PK	122660

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

Cat. Nos	Description	INR List Price
10334987	0905 580x580MM 500/PK	112800

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

Cat. Nos	Description	INR List Price
10342810	2294 110MM 100/PK	32480
10342860	2294 180MM 100/PK CHOLE 33MM	14330
10342862	2294 210MM 100/PK CHOLE 60MM	20990

Grade 2589 HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price
10343630	2589A 140MM 500/PK	57510
10343687	2589A 580x580MM 100/PK	87210

Grade 2589 HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price
10343876	2589C 25x75MM 100/PK W2HOLES	13480
10343976	2589D 25x75MM 100/PK W2HOLES	12460

Shark Skin HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price
10347509	Shark Skin 90MM100/PK	7440
10347510	Shark Skin 110MM 100/PK	7970
10347511	Shark Skin 125MM 100/PK	8680
10347512	Shark Skin 185MM 100/PK	8360
10347513	Shark Skin 150MM 100/PK	8860
10347519	Shark Skin 240MM 100/PK	9380
10347521	Shark Skin 270MM 100/PK	10920
10347577	Shark Skin 290MM 100/PK	11600
10347530	Shark Skin 320MM 100/PK	11260
10347522	Shark Skin 340MM 100/PK	11770
10347523	Shark Skin 385MM 100/PK	12800
10347525	Shark Skin 500MM 100/PK	23050

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

Cat. Nos	Description	INR List Price
10348903	0048 32MM 1000/PK	42240

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

Cat. Nos	Description	INR List Price
1872-047	GR 72 4.7CM 100/PK	25060
1872-050	GR 72 5CM 100/PK	32390

Application specific filter papers

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

Cat. Nos	Description	MRP INR
10313209	1450CV 90MM 50/PK	1490

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

Cat. Nos	Description	MRP INR
10347004	8 RULED 45MM 100/PK	6560
10347008	8 RULED 70MM 100/PK	8510
10347009	8 RULED 90MM 100/PK	8500
10347033	8 RULED 75MM 100/PK	9570

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

Cat. Nos	Description	MRP INR
10316619	3459 230MM 1000/PK	44200

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

Cat. Nos	Description	MRP INR
10301645	0790 FF 150MM 100/PK	26280
10301647	0790 FF 185MM 100/PK	39250

Seed germination testing papers

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

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

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

Applications

Grade 597, 598

Small seeds (e.g. grasses, flowers)

Grade 3014, 3236

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

Grade 3014

Particularly sensitive seeds

Grade 3645

Seeds with small white rootlets



Seed germination testing papers, pleated strips

Scan the QR code
for product details



Seed germination testing papers

Grade 3014 for PP method

HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price
10344672	3014 110x20MM 1000/PK PLS W/O	334070
10344676	3014 110x20MM 1000/PK PLS W	378370

Grade 3236 for PP method

HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price
10345572	3236 110x20MM 1000/PK PLS W/O	333810
10345573	GR3236 110X20MM 500/PK	89940
10345576	3236 110x20MM 1000/PK PLS W	401760

Grade 3621

HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price
10342579	3621 140x200MM 1000/PK	514650

Grade 3644

HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price
10342580	3644 140x200MM 1000/PK	324760
10342581	3644 420x594MM 50/PK	53820
10342582	3644 280mm x 340mm 100/PK	90170

Grade 3645

HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price
10342583	3645 110x170MM 100/PK	9170
10342594	3645 110x170MM 1000/PK	20140

Filter papers Cellulose filter papers

Grade 597 for TP method

HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price
10311808	597 70MM 100/PK	2050
10311809	597 90MM 100/PK	2230

Grade 598 for TP method

HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price
10312209	598 90MM 100/PK	2770

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



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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 (1.6 µm)

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
1820-8013	GF/A 1.3CM 100/PK	4140
1820-021	GF/A 2.1CM 100/PK	3750
1820-024	GF/A 2.4CM 100/PK	4120
1820-025	GF/A 2.5CM 100/PK	4030
1820-037	GF/A 3.7CM 100/PK	5420
1820-042	GF/A 4.25CM 100/PK	6030
1820-047	GF/A 4.7CM 100/PK	5770
1820-050	GF/A 5.0CM 100/PK	9480
1820-055	GF/A 5.5CM 100/PK	8020
1820-060	GF/A 6.0CM 100/PK	9260
1820-061	GF/A 6.0CM RIM 50/PK	15570
1820-070	GF/A 7.0CM 100/PK	8630
1820-090	GF/A 9.0CM 100/PK	11420
1820-110	GF/A 11.0CM 100/PK	13540
1820-125	GF/A 12.5CM 100/PK	19050
1820-150	GF/A 15CM 100/PK	25240
1820-240	GF/A 24CM 100/PK	55150
1820-6537	GF/A 8.1CM 100/PK	12700
1820-866	GF/A 8x10IN 100/PK	38540
1820-915	GF/A 46x57CM 25/PK	57200

Grade GF/B (1.0 µm)

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
1821-021	GF/B 2.1CM 100/PK	5110
1821-024	GF/B 2.4CM 100/PK	5190
1821-025	GF/B 2.5CM 100/PK	5040
1821-037	GF/B 3.7CM 100/PK	9300

Grade GF/B (1.0 µm)

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
1821-042	GF/B 4.25CM 100/PK	12100
1821-047	GF/B 4.7CM 100/PK	9140
1821-055	GF/B 5.5CM 100/PK	14560
1821-060	GF/B 6.0CM 100/PK	18500
1821-070	GF/B 7.0CM 100/PK	17000
1821-090	GF/B 9.0CM 25/PK	8170
1821-110	GF/B 11.0CM 25/PK	10170
1821-125	GF/B 12.5CM 25/PK	13690
1821-150	GF/B 15CM 25/PK	17250
1821-185	GF/B 18.5CM 25/PK	24510
1821-271	GF/B 2.25x12.25IN 100/PK	81410
1821-914	GF/B 46x57CM 5/PK	69430
1821-915	GF/B 46x57CM 25/PK	142360

Grade GF/C (1.2 µm)

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
1822-021	GF/C 2.1CM 100/PK	4200
1822-024	GF/C 2.4CM 100/PK	4350
1822-025	GF/C 2.5CM 100/PK	3930
1822-037	GF/C 3.7CM 100/PK	6030
1822-042	GF/C 4.25CM 100/PK	6220
1822-047	GF/C 4.7CM 100/PK	5800
1822-050	GF/C 5CM 100/PK	20400
1822-055	GF/C 5.5CM 100/PK	9310
1822-070	GF/C 7CM 100/PK	12160
1822-090	GF/C 9CM 100/PK	12690
1822-100	GF/C 10CM 100/PK	18080

Binder Free Glass Microfiber Filters

Grade GF/C (1.2 µm)

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
1822-110	GF/C 11CM 100/PK	16870
1822-125	GF/C 12.5CM 100/PK	21070
1822-150	GF/C 15CM 100/PK	25520
1822-185	GF/C 18.5CM 100/PK	169630
1822-320	GF/C 32CM 100/PK	227600
1822-6580	GF/C 2.5CM 400/PK	43300
1822-849	GF/C 10.2x25.4CM 50/PK	21360
1822-866	GF/C 8x10IN 100/PK	66280
1822-915	GF/C 46x57CM 25/PK	74670

Grade GF/D (2.7 µm)

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
1823-007	GF/D 7MM 100/PK	24690
1823-010	GF/D 1CM 100/PK	4650
1823-021	GF/D 2.1CM 100/PK	4840
1823-024	GF/D 2.4CM 100/PK	8410
1823-025	GF/D 2.5CM 100/PK	5080
1823-035	GF/D 3.5CM 100/PK	8050
1823-042	GF/D 4.25CM 100/PK	9300
1823-047	GF/D 4.7CM 100/PK	10050
1823-055	GF/D 5.5CM 100/PK	12700
1823-070	GF/D 7CM 100/PK	15360
1823-090	GF/D 9CM 25/PK	7010
1823-110	GF/D 11CM 25/PK	9680
1823-125	GF/D 12.5CM 25/PK	12600
1823-142	GF/D 14.2CM 25/PK	19540
1823-150	GF/D 15CM 25/PK	22230

Grade GF/D (2.7 µm)

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
1823-257	GF/D 25.7CM 25/PK	26740

Grade GF/F (0.7 µm)

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
1825-015	GF/F 15MM 100/PK	43940
1825-021	GF/F 2.1CM 100/PK	8410
1825-024	GF/F 2.4CM 100/PK	8950
1825-025	GF/F 2.5CM 100/PK	8610
1825-037	GF/F 3.7CM 100/PK	19250
1825-042	GF/F 4.25CM 100/PK	18360
1825-047	GF/F 4.7CM 100/PK	17400
1825-055	GF/F 5.5CM 100/PK	27550
1825-070	GF/F 7CM 100/PK	28120
1825-090	GF/F 9CM 25/PK	14350
1825-110	GF/F 11CM 25/PK	16700
1825-125	GF/F 12.5CM 25/PK	22460
1825-142	GF/F 14.2CM 25/PK	33230
1825-150	GF/F 15CM 25/PK	28630
1825-185	GF/F 185mm 25/PK	35030
1825-257	GF/F 25.7CM 25/PK	82310
1825-293	GF/F 29.3CM 25/PK	135180
1825-915	GF/F 46x57CM 25/PK	302400

Grade 934-AH

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
1827-021	934-AH 2.1CM 100/PK	5660
1827-024	934-AH 2.4CM 100/PK	5910

Binder Free Glass Microfiber Filters

Grade 934-AH

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
1827-025	934-AH 2.5CM 100/PK	5020
1827-028	934-AH 2.8CM 100/PK	5370
1827-030	934-AH 3.0CM 100/PK	6260
1827-032	934-AH 3.2CM 100/PK	6760
1827-035	934-AH 3.5CM 100/PK	6940
1827-037	934-AH 3.7CM 100/PK	7810
1827-042	934-AH 4.25CM 100/PK	8410
1827-047	934-AH 4.7CM 100/PK	10200
1827-055	934-AH 5.5CM 100/PK	11810
1827-070	934-AH 7.0CM 100/PK	14150
1827-082	934-AH 8.26CM 100/PK	18250
1827-085	934-AH 8.5CM 100/PK	18700
1827-090	934-AH 9.0CM 100/PK	22190
1827-105	934-AH 10.5CM 100/PK	22730
1827-110	934-AH 11CM 100/PK	26980
1827-125	934-AH 12.5CM 100/PK	34000
1827-150	934-AH 15CM 100/PK	45090
1827-185	934-AH 18.5CM 100/PK	54930
1827-240	934-AH 24CM 100/PK	101280
1827-320	934-AH 32CM 100/PK	154960
1827-808	934-AH 2x12IN 100/PK	22190
1827-866	934-AH 8x10IN 100/PK	84640
1827-889	934-AH 12x15IN 100/PK	140460
1827-957	934-AH 19x28IN 100/PK	395380

Grade EPM 2000: 2.0 µm

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
1882-047	EPM-2000 4.7CM 100/PK	7020
1882-866	EPM-2000 8x10IN 100/PK	56060

Multigrade GMF Circles

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
1841-047	MULTIGRADE 1µM 4.7CM 40/PK	11090
1841-090	MULTIGRADE 1µM 9.0CM 20/PK	11090
1842-047	MULTIGRADE 2µM 4.7CM 40/PK	11260
1842-090	MULTIGRADE 2µM 9.0CM 20/PK	10850

Acid-treated low metal TCLP filter papers

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
1810-047	TCLP 47MM 100/PK	27730
1810-090	TCLP 90MM 50/PK	20340
1810-110	TCLP 110MM 50/PK	29340
1810-125	TCLP 125MM 50/PK	43840
1810-142	TCLP 142MM 50/PK	53070
1810-150	TCLP 150MM 50/PK	61340

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

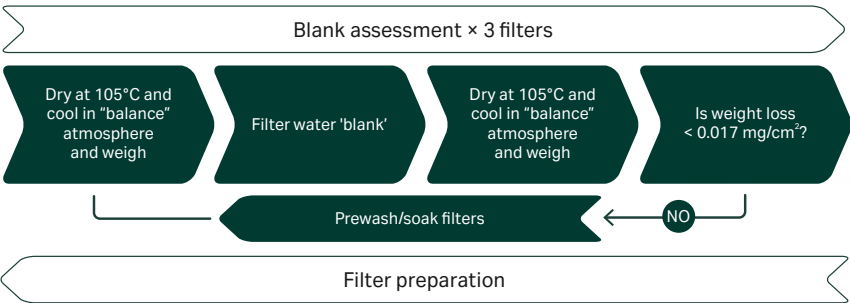
Solids testing, a key measurement in water quality and wastewater analysis, includes testing for total solids (TS), total dissolved solids (TDS), total suspended solids (TSS) and volatile suspended solids (VSS). It can be challenging for a lab staff to maintain accuracy and daily productivity under time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



934AH RTU tray

Filter preparation workflows

EN872



Standard method 2540

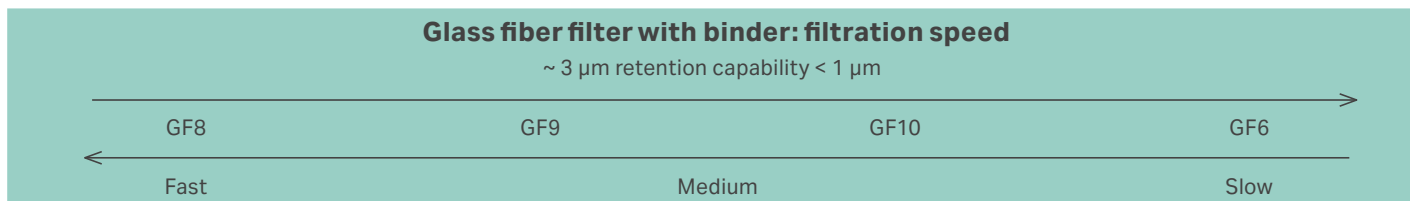


Grade 934 RTU

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
9907-024	934-AH RTU 24MM 100/PK	19990
9907-042	934-AH RTU 42.5MM 100/PK	12000
9907-047	934-AH RTU 47MM 100/PK	12370
9907-055	934-AH RTU 55MM 100/PK	14670
9907-070	934AH RTU for solids, 70mm, 100/ pk	31650
9907-090	934-AH RTU 90MM 100/PK	25930
9907-9436	934-AH RTU 47MM 100/PK 5 decimal places	24510

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 GF 6 - Inorganic Binder HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
10370018	GF6 25MM 200/PK	11990
10370019	GF6 47MM 200/PK	18090
10370002	GF6 50MM 200/PK	38940
10370003	GF6 55MM 100/PK	17740
10370004	GF6 70MM 100/PK	22900
10370005	GF6 90MM 100/PK	31530
10370020	GF6 100MM 100/PK	49620
10370029	GF6 105MM 100/PK	78400
10370006	GF6 110MM 100/PK	49620
10370007	GF6 125MM 100/PK	54100
10370008	GF6 150MM 100/PK	74260
10370010	GF6 185MM 100/PK	82540
10370011	GF6 200MM 100/PK	95290
10370012	GF6 240MM 100/PK	108040
10370050	GF6 610x620MM 100/PK	214350

Grade GF 8 - Inorganic Binder HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
10370119	GF8 47MM 200/PK	20340
10370105	GF8 90MM 100/PK	32570
10370111	GF8 200MM 100/PK	27400
10370172	GF8 60x90MM 100/PK	30960

Grade GF 9 - Inorganic Binder HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
10370202	GF9 50MM 200/PK	18950

Grade GF 9 - Inorganic Binder HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
10370205	GF9 90MM 100/PK	31190
10370206	GF9 110MM 100/PK	45830

Grade GF 10 - Inorganic Binder HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
10370319	GF10 47MM 200/PK	16200
10370302	GF10 50MM 200/PK	20580
10370305	GF10 90MM 100/PK	31010
10370320	GF10 100MM 100/PK	34180
10370308	GF10 150MM 100/PK	80290
10370393	GF10 40MMx42M CORE 28MM 1/PK	86300
10370391	GF10 60MMx42M CORE 28MM 1/PK	21400

Grade GF 92 - Inorganic Binder HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
10421019	GF92 42MM 200/PK	27200
10421026	GF92 47MM 200/PK	29340
10421030	GF92 50MM 200/PK	28600
10421043	GF92 100MM 100/PK	41350
10421057	GF92 135MM 100/PK	66170

Quartz fiber filter papers

Grade QM-A

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

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

Grade QM-B

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

Grade QM-H

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



Grade QM-A filter paper circles

Grade QM-A

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
1851-025	QMA 2.5CM 100/PK	22880
1851-032	QMA 3.2CM 100/PK	22540
1851-037	QMA 3.7CM 100/PK	27990
1851-045	QMA 4.5CM 100/PK	31140
1851-047	QMA 4.7CM 100/PK	28760
1851-050	QMA 5.0CM 100/PK	65490
1851-055	QMA 5.5CM 100/PK	32740
1851-082	QMA 8.26CM 100/PK	53860
1851-085	QMA 8.5CM 100/PK	106650
1851-090	QMA 9.0CM 100/PK	64410
1851-101	QMA 10.16CM 100/PK	74270
1851-110	QMA 11CM 100/PK	111120
1851-118	QMA 11.8CM 100/PK	137600
1851-150	QMA 15CM 100/PK	153350
1851-865	QMA 8x10IN 25/PK	62740
1851-8866	QMA 8x10IN NUMBERED 100/PK	271270

Grade QM-B

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
1852-040	QMB 40MM 50/PK	44020
1852-042	QMB 42MM 50/PK	37930

Grade QM-H

HSN Code: 70199090 | GST: 18%

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

Grade QM-C

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

- 100% pure quartz microfiber, without any binder or organic chemicals.
- Pre-fired filters eliminate firing step, saving time in 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 QM-C		HSN Code: 70199090 GST: 18%
Cat. Nos	Description	INR List Price
1855-037	QMC pre-fired, 37mm 100/pk	36330
1855-047	QMC pre-fired, 47mm 100/pk	39940
1855-082	QMC prefired 82.6cm 100/pk	84550
1855-090	QMC pre-fired, 90mm 100/pk	86290
1855-110	QMC prefired 110mm 100/pk	174300
1855-150	QMC pre-fired, 150mm 100/pk	207350
1855-865	QMC pre-fired, 8x10IN 25/PK	79050
1855-866	QMC pre-fired 8x10IN 100/pk	207460

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.

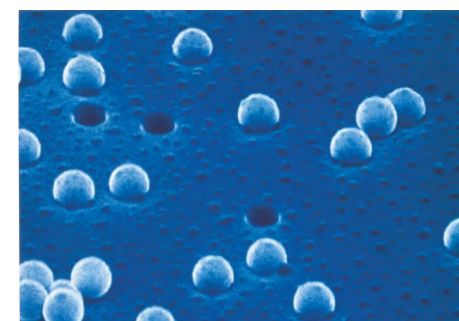
Nuclepore black dyed polycarbonate membranes are high performance membranes suited for applications using epifluorescence microscopy. Black membranes greatly reduce background fluorescence, which results in improved microorganism and particulate visibility.

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

Membrane filters

Cyclopore

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
10417701	CYL PC 13MM 0.4uM 100/PK	20340
10417606	CYL PC 25MM 0.2uM 100/PK	23820
10417706	CYL PC 25MM 0.4uM 100/PK	20340
10417612	CYL PC 47MM 0.2uM 100/PK	39020
10417712	CYL PC 47MM 0.4uM 100/PK	39020

Nuclepore

HSN Code: 39206190 | GST: 18%

Cat. Nos	Description	INR List Price
10417001	NUC PC 13MM 0.2uM 100/PK	14820
10417101	NUC PC 13MM 0.4uM 100/PK	15270
10417301	NUC PC 13MM 0.8uM 100/PK	16670
10418701	NUC PC 13MM 1.0uM 100/PK	14680
10418301	NUC PC 13MM 3.0uM 100/PK	15330
10417401	NUC PC 13MM 5.0uM 100/PK	14960
10417501	NUC PC 13MM 8.0uM 100/PK	14960
10418401	NUC PC 13MM 10.0uM 100/PK	22250
10418501	NUC PC 13MM 12.0uM 100/PK	16220
800308	NUC PC 19MM 0.05uM 100/PK	21880
10417004	NUC PC 19MM 0.2uM 100/PK	18740
10417104	NUC PC 19MM 0.4uM 100/PK	18740
10417304	NUC PC 19MM 0.8uM 100/PK	16730
10418704	NUC PC 19MM 1.0uM 100/PK	16800
10417006	NUC PC 25MM 0.2uM 100/PK	19420
10417106	NUC PC 25MM 0.4uM 100/PK	19610
10417206	NUC PC 25MM 0.6uM 100/PK	17200
10417306	NUC PC 25MM 0.8uM 100/PK	19220
10418706	NUC PC 25MM 1.0uM 100/PK	19690

Nuclepore

HSN Code: 39206190 | GST: 18%

Cat. Nos	Description	INR List Price
10418806	NUC PC 25MM 2.0uM 100/PK	19690
10418306	NUC PC 25MM 3.0uM 100/PK	19840
10417406	NUC PC 25MM 5.0uM 100/PK	19220
10417506	NUC PC 25MM 8.0uM 100/PK	19420
10418406	NUC PC 25MM 10.0uM 100/PK	19690
10418506	NUC PC 25MM 12.0 uM 100/PK	17620
10417309	NUC PC 37MM 0.8uM 100/PK	27570
10417012	NUC PC 47MM 0.2uM 100/PK	31910
10417112	NUC PC 47MM 0.4uM 100/PK	33300
10417212	NUC PC 47MM 0.6uM 100/PK	33300
10417312	NUC PC 47MM 0.8uM 100/PK	33300
10418712	NUC PC 47MM 1.0uM 100/PK	34110
10418812	NUC PC 47MM 2.0uM 100/PK	34110
10418312	NUC PC 47MM 3.0uM 100/PK	34810
10417412	NUC PC 47MM 5.0uM 100/PK	32970
10417512	NUC PC 47MM 8.0uM 100/PK	33300
10418412	NUC PC 47MM 10.0uM 100/PK	34110
10418512	NUC PC 47MM 12.0uM 100/PK	30690
10417014	NUC PC 50MM 0.2uM 100/PK	37390
10417114	NUC PC 50MM 0.4uM 100/PK	33600
10417414	NUC PC 50MM 5.0uM 100/PK	33600
10418514	NUC PC 50MM 12.0uM 100/PK	38310
10417116	NUC PC 81MM 0.4uM 25/PK	21080
10417018	NUC PC 90MM 0.2uM 25/PK	38760
10417118	NUC PC 90MM 0.4uM 25/PK	35490
10418718	NUC PC 90MM 1.0uM 25/PK	39710
10418818	NUC PC 90MM 2.0uM 25/PK	35630

Nuclepore

HSN Code: 39206190| GST: 18%

Cat. Nos	Description	INR List Price
10418318	NUC PC 90MM 3.0uM 25/PK	39310
10418551	NUC PC 90MM 12.0uM 100/PK	145970
10417031	NUC PC 142MM 0.2uM 25/PK	64520
10417131	NUC PC 142MM 0.4uM 100/PK	101380
10417331	NUC PC 142MM 0.8uM 100/PK	101380
10418731	NUC PC 142MM 1.0uM 25/PK	61420
10417039	NUC PC 293MM 0.2uM 100/PK	297630
10418739	NUC PC 293MM 1.0uM 25/PK	120320

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.



Polyester Drain Disc

Drain Disc		HSN Code: 84212900 GST: 18%
Cat. Nos	Description	INR List Price
230300	PE DRAIN DISC 10MM 100/PK	9940
230500	PE DRAIN DISC 22MM 100/PK	10350
230600	PE DRAIN DISC 25MM 100/PK	10650
231100	PE DRAIN DISC 47MM 100/PK	13800
232310	PE DRAIN DISC 142MM 100/PK	17100
232300	PE DRAIN DISC 293MM 25/PK	30050

Anopore™ inorganic membranes

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

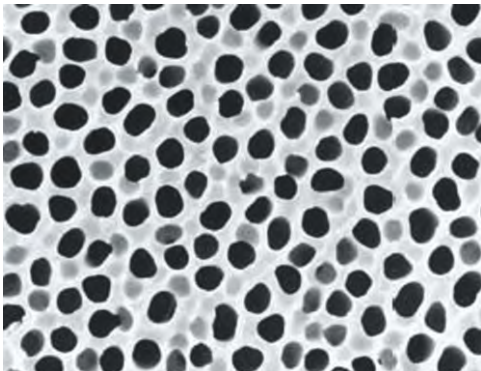
Anopore is available in three nominal pore sizes: 0.02 µm, 0.1 µm and 0.2 µm, and in three diameters: 13 mm, 25 mm, and 47 mm.

Applications

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



Anopore inorganic membranes without support ring



Anodisc pore structure

Anodisc™		HSN Code: 84212900 GST: 18%
Cat. Nos	Description	INR List Price
6809-7003	ANOD 13MM 0.02uM NO SUP 100/PK	46180
6809-7004	ANOD 13MM LF 0.02 NO SUP 100/PK	57380
6809-7013	ANOD 13MM 0.1uM NO SUP 100/PK	48400
6809-5502	ANOD 47MM 0.02uM NO SUP 50/PK	78260
6809-5002	ANOD 47MM 0.02uM SUPP 50/PK	102750

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

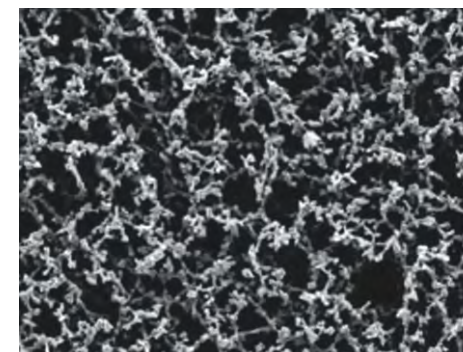
Recommended for most routine applications, this membrane is manufactured under strictly controlled conditions. Whatman nitrocellulose membranes are known for higher strength and flexibility, low extractables and narrow pore size distribution.



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

Membrane filters

Regenerated Cellulose

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
10410206	RC55 0.45uM 25MM 100/PK	21970
10410312	RC58 0.2uM 47MM 100/PK	22980
10410212	RC55 0.45uM 47MM 100/PK	32850
10410012	RC60 1uM 47MM 100/PK	32390
10410314	RC58 0.2uM 50MM 100/PK	33090
10410214	RC55 0.45uM 50MM 100/PK	32280
10410272	RC55 0.45uM ST 50MM 100/PK	64220
10410014	RC60 1uM 50MM 100/PK	34650
10410319	RC58 0.2uM 100MM 25/PK	24650
10410219	RC55 0.45uM 100MM 25/PK	23150
10410224	RC55 0.45uM 110MM 25/PK	27030
10410229	RC55 0.45uM 142MM 25/PK	44050
10410380	RC58 0.2uM 300x600MM 5/PK	85350

Cellulose Acetate

HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price
10404106	OE66 0.2uM 25MM 100/PK	7240
10404112	OE66 0.2uM 47MM 100/PK	12980
10404114	OE66 0.2uM 50MM 100/PK	14370
10404131	OE66 0.2uM 142MM 25/PK	17440
10404180	OE66 0.2uM 300x600MM 5/PK	38090
10404006	OE67 0.45uM 25MM 100/PK	9070
10404012	OE67 0.45uM 47MM 100/PK	13760
10404014	OE67 0.45uM 50MM 100/PK	14020
10404045	OE67 0.45uM 90MM 50/PK	24360
10404031	OE67 0.45uM 142MM 25/PK	17440
10404001	OE67 0.45uM 13MM 100/PK	8050

Cellulose Acetate

HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price
10404044	OE67 0.45uM 85MM 50/PK	24450
10404026	OE67 0.45uM 110MM 50/PK	32360
10404126	OE66 0.2uM 110MM 50/PK	31190
10404139	OE66 0.2uM 293MM 25/PK	82470

Cellulose Acetate

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
7001-0004	CA 0.2uM 47MM 100/PK	11930
7000-0002	CA 0.45uM 25MM 100/PK	12460
7000-0004	CA 0.45uM 47MM 100/PK	11100
10403112	ST68 0.8uM 47MM 100/PK	20520
10403012	ST69 1.2uM 47MM 100/PK	20620

Cellulose Nitrate

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
7181-002	WCN WH 0.1uM 25MM 100/PK	23800
7181-004	WCN WH 0.1uM 47MM 100/PK	29660
10402012	NC10 0.1uM 47MM 100/PK	16560
10402014	NC10 0.1uM 50MM 100/PK	17720
7182-001	WCN WH 0.2uM 13MM 100/PK	15970
7182-002	WCN WH 0.2uM 25MM 100/PK	9900
7182-004	WCN WH 0.2uM 47MM 100/PK	6830
10401312	NC20 0.2uM 47MM 100/PK	22420
10401314	NC20 0.2uM 50MM 100/PK	23690
7182-009	WCN WH 0.2uM 90MM 25/PK	18780
7182-014	WCN WH 0.2uM 142MM 25/PK	25010
7184-001	WCN WH 0.45uM 13MM 100/PK	13610

Membrane filters

Cellulose Nitrate

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
10401106	NC45 0.45uM 25MM 100/PK	14920
7184-002	WCN WH 0.45uM 25MM 100/PK	13340
10401112	NC45 0.45uM 47MM 100/PK	21800
7184-004	WCN WH 0.45uM 47MM 100/PK	6220
10401114	NC45 0.45uM 50MM 100/PK	22820
7184-005	WCN WH 0.45uM 50MM 100/PK	24170
10401122	NC45 0.45uM 85MM 50/PK	10350
10401118	NC45 0.45uM 90MM 50/PK	41410
7184-009	WCN WH 0.45uM 90MM 25/PK	19270
10401121	NC45 0.45uM 100MM 50/PK	45980
10401126	NC45 0.45uM 110MM 50/PK	47390
10401131	NC45 0.45uM 142MM 25/PK	29310
7184-014	WCN WH 0.45uM 142MM 25/PK	30590
7188-002	WCN WH 0.8uM 25MM 100/PK	19300
7188-003	WCN WH 0.8uM 37MM 100/PK	24840
7188-004	WCN WH 0.8uM 47MM 100/PK	10500
7188-009	WCN WH 0.8uM 90MM 25/PK	21630
7190-002	WCN WH 1.0uM 25MM 100/PK	20710
7190-004	WCN WH 1.0uM 47MM 100/PK	28830
7191-005	WCN WH 1.2uM 50MM 100/PK	21290
7191-014	WCN WH 1.2uM 142MM 25/PK	37860
7193-002	WCN WH 3.0uM 25MM 100/PK	18950
7193-004	WCN WH 3.0uM 47MM 100/PK	26870
7195-004	WCN WH 5.0uM 47MM 100/PK	21800
7195-009	WCN WH 5.0uM 90MM 25/PK	22480
10400206	AE98 5.0uM 25MM 100/PK	18430
10400212	AE98 5.0uM 47MM 100/PK	23490

Cellulose Nitrate

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
10400214	AE98 5.0uM 50MM 100/PK	26500
10400106	AE99 8uM 25MM 100/PK	19430
10400112	AE99 8uM 47MM 100/PK	24230
10400114	AE99 8uM 50MM 100/PK	25810
10400012	AE100 12 uM 47MM 100/PK	24570
10400014	AE100 12uM 50MM 100/PK	25300

Cellulose Nitrate Sertile

White grids Black lines

HSN Code: 84213990 | GST: 18%

Cat. Nos	Description	INR List Price
10407713	MP21 ST 0.45uM 47MM 100/PK	20030
10407714	MP21 ST 0.45uM 50MM 100/PK	20380
10407112	MP21 STL 0.45uM 47MM 400/PK	69370
10407114	MP21 STL 0.45uM 50MM 400/PK	71640

Black grids White lines

HSN Code: 84213990 | GST: 18%

Cat. Nos	Description	INR List Price
10407132	MP31 STL 0.45uM 47MM 400/PK	69370
10407134	MP31 STL 0.45uM 50MM 400/PK	71640
10407734	MP31 ST 0.45uM 50MM 100/PK	20380
10407766	MP31 ST 0.45uM 135X240 MM 100/PK	125130

Green grids White lines

HSN Code: 84213990 | GST: 18%

Cat. Nos	Description	INR List Price
10407170	MP41 STL 0.45uM 47MM 400/PK	62140
10407172	MP41 STL 0.45uM 50MM 400/PK	71640

Mixed Cellulose Ester

Plain Membranes HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
10401706	ME24 0.2uM 25MM 100/PK	8120
10401712	ME24 0.2uM 47MM 100/PK	12050
10401770	ME24 ST 0.2uM 47MM 100/PK	11670
10401714	ME24 0.2uM 50MM 100/PK	11830
10401772	ME24 ST 0.2uM 50MM 100/PK	12780
10401721	ME24 0.2uM 100MM 50/PK	33410
10401726	ME24 0.2uM 110MM 50/PK	28720
10401731	ME24 0.2uM 142MM 25/PK	19180
10401606	ME25 0.45uM 25MM 100/PK	8770
10401612	ME25 0.45uM 47MM 100/PK	10440
10401670	ME25 ST 0.45uM 47MM 100/PK	12110
10401672	ME25 ST 0.45uM 50MM 100/PK	11430
10401664	ME25 0.45uM 50MM 100/PK LOW C	31160
10401618	ME25 0.45uM 90MM 50/PK	22330
10401621	ME25 0.45uM 100MM 50/PK	27400
10401506	ME26 0.6uM 25MM 100/PK	15980
10401512	ME26 0.6uM 47MM 100/PK	23120
10400906	ME27 0.8uM 25MM 100/PK	14560
10400909	ME27 0.8uM 37MM 100/PK	19710
10400912	ME27 0.8uM 47MM 100/PK	17870
10400914	ME27 0.8uM 50MM 100/PK	19330
10400921	ME27 0.8uM 100MM 50/PK	46810
10400806	ME28 1.2uM 25MM 100/PK	17250
10400812	ME28 1.2uM 47MM 100/PK	28450
10400814	ME28 1.2uM 50MM 100/PK	27950
10400821	ME28 1.2uM 100MM 50/PK	68040
10408472	ME28/41 ST 1.2uM 50MM 100/PK	24370

Plain Membranes HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
10400706	ME29 3.0uM 25MM 100/PK	18890
10400712	ME29 3.0uM 47MM 100/PK	26820
10400714	ME29 3.0uM 50MM 100/PK	27860
10400772	ME29 ST 3.0uM 50MM 100/PK	26990

Gridded Membranes HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
10406871	ME25/21 ST 0.45uM 47MM 1000/PK	65230
10409470	ME25/41 ST 0.45uM 47MM 100/PK	12730
10409770	ME25/31 ST 0.45uM 47MM 100/PK	14080
10409771	ME25/31 ST 0.45uM 47MM 1000/PK	102400
10406512	ME25/20 0.45uM 47MM 100/PK	13450
10406814	ME25/21 0.45uM 50MM 100/PK GRD	13140
10406572	ME25/20 ST 0.45uM 50MM 100/PK	14320
10406872	ME25/21 ST 0.45uM 50MM 100/PK	14450
10409414	ME25/31 0.45uM 50MM 100/PK	14760
10409472	ME25/41 ST 0.45uM 50MM 100/PK	14590
10409714	ME25/31 0.45uM 50MM 100/PK	13140
10409772	ME25/31 ST 0.45uM 50MM 100/PK	14640
7141-154	WME WHGRST 47MM 0.45uM 1000/PK	74100
7141-204	WME WHGRAUTO 47MM 0.45 100/P	30560
7148-002	WME WH GR 25MM 0.8uM 100/PK	30700
7141-104	WME WHGRSTNPD 47MM 0.45 100/PK	12150
7141-114	WME WHGRSTNPD 47MM 0.45 100/PK	10510
7141-124	WME WHGRST 47MM 0.45uM 200/PK	25740
7153-104	WME BL GRST 47MM 0.45UM 100/PK	30220
7141-004	WME WH GR 47MM 0.45uM 100/PK	20280

Gridded Membranes

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
10406970	ME24/21 ST 0.2uM 47MM 100/PK	13380
10408712	ME24/21 STL 0.2uM 47MM 400/PK	57970
10406972	ME24/21 ST 0.2uM 50MM 100/PK	12950
10408714	ME24/21 STL 0.2uM 50MM 400/PK	57000
10406812	ME25/21 0.45uM 47MM 100/PK GRD	13450
10406870	ME25/21 ST 0.45uM 47MM 100/PK	7350
7187-114	WME WHGRSTNPAD 47MM 0.2 100/PK	15620
7141-025	MEMBRACLEAR 25MM 100/PK	27210
7141-047	MEMBRACLEAR 47MM 100/PK	36000
10407312	ME25/21 STL 0.45uM 47MM 400/PK	64910
10407314	ME25/21 STL 0.45uM 50MM 400/PK	64570
10407324	ME25/20 STL 0.45uM 50MM 400/PK	56500
10407332	ME25/31 STL 0.45uM 47MM 400/PK	64570
10407334	ME25/31 STL 0.45uM 50MM 400/PK	64570
10407370	ME25/41 STL 0.45uM 47MM 400/PK	56540
10407372	ME25/41 STL 0.45uM 50MM 400/PK	65190
10407379	ME25/91 STL 0.45uM 50MM 400/PK	131150
10407970	ME25/51 ST 0.45uM 47MM 100/PK	23210
10409814	ME26/31 0.6uM 50MM 100/PK	13930
10409834	ME26/31 STL 0.6uM 50MM 400/PK	42950
10409970	ME27/61 ST 0.8uM 47MM 100/PK	25940
10407615	ME27/41 STL 0.8uM 50MM 400/PK	80300
10408915	ME27/21 STL 0.8uM 50MM 400/PK	75040
10408970	ME27/21 ST 0.8uM 47MM 100/PK	21730

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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Membrane filters

PM 2.5 Membrane

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
7592-104	PM 2.5 PTFE W/PP RING 50/PK	23440

PTFE

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
7582-002	PTFE 25MM 0.2uM 100/PK	32140
7590-002	PTFE 25MM 1.0uM 100/PK	29490
7582-004	PTFE 47MM 0.2uM 100/PK	32760
7585-004	PTFE 47MM 0.5uM 100/PK	32240
7590-004	PTFE 47MM 1.0uM 100/PK	58970
10411405	TE35 0.2uM 25MM 50/PK	17650
10411411	TE35 0.2uM 47MM 50/PK	22630
10411413	TE35 0.2uM 50MM 50/PK	21970
10411306	TE36 0.45uM 210x297MM 25/PK	465050
10411305	TE36 0.45uM 25MM 50/PK	18300
10411311	TE36 0.45uM 47MM 50/PK	22200
10411313	TE36 0.45uM 50MM 50/PK	22820
10411205	TE37 1uM 25MM 50/PK	17410
10411211	TE37 1uM 47MM 50/PK	22070
10411213	TE37 1uM 50MM 50/PK	22820
10411119	TE38 5uM 100MM 25/PK	186580
10411108	TE38 5uM 37MM 50/PK	21290
10411111	TE38 5uM 47MM 50/PK	22070
10411113	TE38 5uM 50MM 50/PK	21970
10411116	TE38 5uM 90MM 25/PK	37730

Polyamide

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
10414006	NL16 0.2uM 25MM 100/PK	22310
10414012	NL16 0.2uM 47MM 100/PK	30760
10414014	NL16 0.2uM 50MM 100/PK	32470
10414106	NL17 0.45uM 25MM 100/PK	24390
10414112	NL17 0.45uM 47MM 100/PK	32590
10414114	NL17 0.45uM 50MM 100/PK	32470

Nylon

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
7402-001	NYL 13MM 0.2uM 100/PK	15220
7402-002	NYL 25MM 0.2uM 100/PK	15260
7402-004	NYL 47MM 0.2uM 100/PK	11160
7402-009	NYL 90MM 0.2uM 50/PK	39140
7404-001	NYL 13MM 0.45uM 100/PK	14920
7404-002	NYL 25MM 0.45uM 100/PK	16240
7404-004	NYL 47MM 0.45uM 100/PK	13840
7404-009	NYL 90MM 0.45uM 50/PK	41730
7408-004	NYL 47MM 0.8uM 100/PK	23770
7410-004	NYL 47MM 1.0uM 100/PK	23460

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.

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Glass microfiber filter accessories

3-piece filter funnel

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

Functional design

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

Positive filter clamping

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

Simple to clean

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



3-piece filter funne

3 Piece funnel		HSN Code: 84212900 GST: 18%
Cat. Nos	Description	INR List Price
1950-002	3 PIECE FUNNEL 2.5CM 16ML 1/PK	24110
1950-004	3 PIECE FUNNEL 4.7CM 36ML 1/PK	28790
1950-007	3 PIECE FUNNEL 7CM 115ML 1/PK	34730
1950-017	3 PIECE FUNNEL 7CM 210ML 1/PK	38080
1950-027	3 PIECE FUNNEL 7CM 400ML 1/PK	58170
1950-009	3 PIECE FUNNEL 9CM 200ML 1/PK	37230
1950-012	3 PIECE FUNNEL 12.5CM 530ML 1/PK	70920

3 Piece funnel		HSN Code: 84212900 GST: 18%
Cat. Nos	Description	INR List Price
1950-109	3 PIECE PP PLT 9.0CM 1/PK	11000
1950-114	3 PIECE PTFE PLT 4.7CM 1/PK	10830
1950-117	3 PIECE PTFE PLT 7.0CM 1/PK	13100
1950-207	3 PIECE 7CM 115ml RESERVOIR 1/PK	15550
1950-209	3 PIECE 9CM 200ml RESERVOIR 1/PK	18340
1950-217	3 PIECE 7CM 210 RESERVOIR 1/PK	18080

Glass vacuum filtration devices

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

Glass filtration assemblies

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

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

Glass filter 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 Filtration

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
1960-002	25MM GLS HLDR 25ML FNL W GLS FRIT	35650
1960-052	25MM GLS HLDR 25ML FNL W PTFE FRIT	40600
1960-032	25MM GLS HLDR 50ML FNL W PTFE FRIT	41460
1960-004	47MM GLS HLDR 300ML FNL W GLS FRIT	40600
1960-054	47MM GLS HLDR 300ML FNL W PTFE FRIT	38840
1960-009	90MM GLS HLDR 1000ML FNL W GLS FRIT	126790

Accessories

HSN Code: 70172000 | GST: 18%

Cat. Nos	Description	INR List Price
10441001	GV025/0/01 UPPER GLS FUN 60ML 1/PK	17550
10441002	GV025/0/02 Lower GLS base 1/PK	10620
10441003	GV025/0/03 GLASSFRIT 1/PK	10920
10441004	GV025/0/05 PTFE CENT FRT 1/PK	6090
10442001	GV050/0/01 UPPER GLS FUN 250ML 1/PK	25970
10442002	GV050/0/02 LOWER GLS BASE 1/PK	17370
10442003	GV050/0/03 GLS FRIT 1/PK	11100
10442004	GV050/0/05 PTFE CENT FRIT 1/PK	4120
10443001	GV100/0/01 Upper GLS FUN 500ML 1/PK	36890
10443002	GV100/0/02 Lower GLS BASE 1/PK	43700
10443003	GV100/0/03 GLS FRIT 1/PK	45840
10443004	GV100/0/05 PTFE CENT FRT 1/PK	16480
10443005	GV100/0/06 CLAMP 1/PK	89440
10477600	SF100 SUCFLASK 1L 1/PK	13190

Vacuum filtration equipment

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 Filtration Assmebly

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
10440020	MV050A/0 SS VAC1 500ML W Rapid Clamp	197470
10445835	AS310/3 3- PL SS VAC3 500ML W Rapid Clamp	619310
10498761	SS Vacuum Manifold 3-Place	165480
10444850	AS600/5 6-PL SS VAC6 100ML W STD Clamp	1022640
10444835	AS610/3 6-PL SS VAC6 500ML W Rapid Clamp	1133920
10498762	SS Vacuum Manifold 6-Place	540020

Accessories

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
10440001	MV050/0/01 SS Upper FUN 500ML 1/PK	62240
10440003	MV050/0/03 Support SCR N 1/PK	23320
10440006	MV050/0/09 ORING FOR LID 1/PK	2070
10440102	MV050/1/05 PTFE Gasket 1/PK	520
10464103	ML050/0/03 SS FRIT 1/PK	17470

Inline and syringe type filter holders

Stainless steel filter holders

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

Polysulfone filter holders

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

Pop-Top and Swin-Lok plastic filter holders

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



Syringe type holders



Polysulfone filter holders



Pop-Top and Swin-Lok plastic filter holders

Stainless Steel Filter Folders		HSN Code: 84212900 GST: 18%
Cat. Nos	Description	INR List Price
1980-001	SS SYRINGE MEM HLDR 13MM 1/PK	24290
1980-002	SS SYRINGE MEM HLDR 25MM 1/PK	35100
10460100	FM025/0 SS FILTHOLD 25MM 1/PK	48740
10464100	ML050/0 SS FILTHOLD 50MM 1/PK	132930

Polysulfone Filter Folders		HSN Code: 84212900 GST: 18%
Cat. Nos	Description	INR List Price
10461000	FP025/1 PSU FILTHOLD 25MM 10/PK	23380
10461100	FP050/0 PSU FILTHOLD 50MM 1/PK	15020
10461200	FP050/0 PSU FILTHOLD 50MM 5/PK	47770

Polycarbonate Filter Folders		HSN Code: 84212900 GST: 18%
Cat. Nos	Description	INR List Price
420100	POP TOP HOLDER 13MM 10/PK	27170
420200	SWIN-LOK HOLDER 25MM 10/PK	39020
420400	SWIN-LOK HOLDER 47MM 8/PK	46440

Microbiology equipment

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

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

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



Microbiology equipment

eButler membrane dispenser

Aseptic dispense, clean workspace

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



eButler membrane dispenser

Accessories		HSN Code: 84212900 GST: 18%
Cat. Nos	Description	INR List Price
10445863	MBSI STEEL FRIT FOR AS220 1/PK	19780
10445894	TC-SEAL FOR AS220/AS230 1/PK	16600

e-Butler		HSN Code: 84212900 GST: 18%
Cat. Nos	Description	INR List Price
10477103	MEMBRANE-BUTLER ELECTRONIC 1/PK	279680

Filtration devices

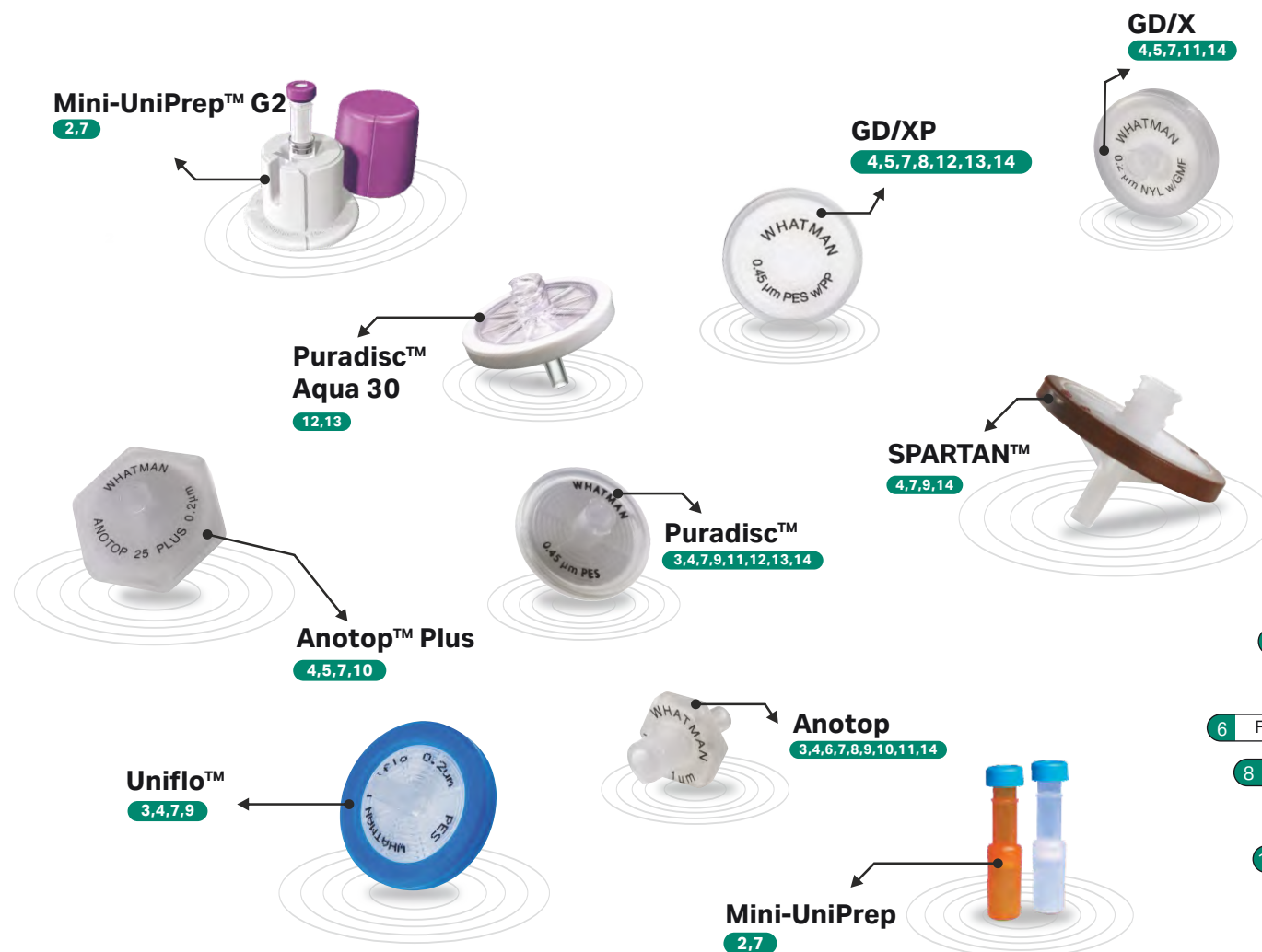
Whatman™ disposable filtration devices are suitable for many types of samples and applications. They are available in a wide variety of membrane choices with polypropylene or polycarbonate housing, and utilize the most advanced construction methods and design features.

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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

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

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

Filter diameter and recommended volume

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

High performance syringe filters

Whatman™ Puradisc™ syringe filters

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

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

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

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

Cat. Nos	Description	INR List Price
6791-0402	PURADISC 4/0.2 PVDF S 50/PK	31710
6779-0402	PURADISC 4/0.2 PVDF 100/PK	38150
6779-0404	PURADISC 4/0.45 PVDF 100/PK	52920

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

Cat. Nos	Description	INR List Price
6784-0402	PURADISC 4/0.2 PTFE 100/PK	20370
6783-0402	PURADISC 4/0.2 PTFE 500/PK	82040
6784-0404	PURADISC 4/0.45 PTFE 100/PK	20480
6783-0404	PURADISC 4/0.45 PTFE 500/PK	82040

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

Cat. Nos	Description	INR List Price
6789-1301	PURADISC 13/0.1 NYL 100/PK	25330
6789-1302	PURADISC 13/0.2 NYL 100/PK	26210
6790-1302	PURADISC 13/0.2 NYL 500/PK	100080

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

Cat. Nos	Description	INR List Price
6768-1302	PURADISC 13/0.2 NYL 2000/PK	316230
6789-1304	PURADISC 13/0.45 NYL 100/PK	26600
6790-1304	PURADISC 13/0.45 NYL 500/PK	100080
6768-1304	PURADISC 13/0.45 NYL 2000/PK	316230

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

Cat. Nos	Description	INR List Price
6791-1302	PURADISC 13/0.2 PVDF S 50/PK	38390

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

Cat. Nos	Description	INR List Price
6777-1302	PURADISC 13/0.2 PVDF TT 50/PK	34790
6779-1302	PURADISC 13/0.2 PVDF 100/PK	26670
6792-1302	PURADISC 13/0.2 PVDF 500/PK	94780
6765-1302	PURADISC 13/0.2 PVDF 2000/PK	305540
6791-1304	PURADISC 13/0.45 PVDF S 50/PK	39740
6779-1304	PURADISC 13/0.45 PVDF 100/PK	26280
6792-1304	PURADISC 13/0.45 PVDF 500/PK	94780
6765-1304	PURADISC 13/0.45 PVDF 2000/PK	305540

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

Cat. Nos	Description	INR List Price
6780-1302	PURADISC 13/0.2 PES S 50/PK	16120
6782-1302	PURADISC 13/0.2 PES 100/PK	24740
6780-1304	PURADISC 13/0.45 PES S 50/PK	19840
6782-1304	PURADISC 13/0.45 PES 100/PK	25960
6781-1304	PURADISC 13/0.45 PES 500/PK	109440

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

Cat. Nos	Description	INR List Price
6784-1301	PURADISC 13/0.1 PTFE 100/PK	26170
6784-1302	PURADISC 13/0.2 PTFE 100/PK	26030
6783-1302	PURADISC 13/0.2 PTFE 500/PK	100620
6766-1302	PURADISC 13/0.2 PTFE 2000/PK	305540
6775-1304	PURADISC 13/0.45 PTFE 50/PK	31540
6784-1304	PURADISC 13/0.45 PTFE 100/PK	25650
10463713	PURADISC 13/0.45 PTFE MT 100/PK	39030
6783-1304	PURADISC 13/0.45 PTFE 500/PK	102110

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

Cat. Nos	Description	INR List Price
6766-1304	PURADISC 13/0.45 PTFE 2000/PK	305540
6784-1310	PURADISC 13/1.0 PTFE 100/PK	25650
6784-1350	PURADISC 13/5.0 PTFE 100/PK	26030

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	36250
6773-1302	PURADISC 13/0.2 H-PTFE 500/PK	136450
6774-1302	PURADISC 13/0.2 H-PTFE 2000/PK	472320
6772-1304	PURADISC 13/0.45 H-PTFE 100/PK	36250
6773-1304	PURADISC 13/0.45 H-PTFE 500/PK	136450
6774-1304	PURADISC 13/0.45 H-PTFE 2000/PK	445880

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

Cat. Nos	Description	INR List Price
6771-1304	PURADISC 13/0.45 CA 100/PK	27110

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

Cat. Nos	Description	INR List Price
6818-1304	PURADISC 13/0.45 GMF 500/PK	121730
6820-1316	PURADISC 13/1.6 GF/A 100/PK	26740
6806-1316	PURADISC 13/1.6 GF/A 500/PK	138280
6821-1310	PURADISC 13/1.0 GF/B 100/PK	26400
6822-1312	PURADISC 13/1.2 GF/C 100/PK	27410
6823-1327	PURADISC 13/2.7 GF/D 100/PK	27410
6825-1307	PURADISC 13/0.7 GF/F 100/PK	26400

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

Cat. Nos	Description	INR List Price
6750-2502	PURADISC 25/0.2 NYL 50/PK	21350
6751-2502	PURADISC 25/0.2 NYL 200/PK	69770
6753-2502	PURADISC 25/0.2 NYL 1000/PK	192270
6750-2504	PURADISC 25/0.45 NYL 50/PK	21150
6751-2504	PURADISC 25/0.45 NYL 200/PK	69260
6752-2504	PURADISC 25/0.45 NYL 500/PK	151180
6753-2504	PURADISC 25/0.45 NYL 1000/PK	134680
6750-2510	PURADISC 25/1.0 NYL 50/PK	21350
6753-2510	PURADISC 25/1.0 NYL 1000/PK	193710

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

Cat. Nos	Description	INR List Price
6746-2502	PURADISC 25/0.2 PVDF 50/PK	38000
6747-2502	PURADISC 25/0.2 PVDF 200/PK	74040
6746-2504	PURADISC 25/0.45 PVDF 50/PK	37700
6747-2504	PURADISC 25/0.45 PVDF 200/PK	86650
6749-2504	PURADISC 25/0.45 PVDF 1000/PK	485390

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

Cat. Nos	Description	INR List Price
6784-2501	PURADISC 25/0.1 PTFE 50/PK	23100
6798-2501	PURADISC 25/0.1 PTFE 1000/PK	192590
6784-2502	PURADISC 25/0.2 PTFE 50/PK	22330
6785-2502	PURADISC 25/0.2 PTFE 200/PK	68340
6798-2502	PURADISC 25/0.2 PTFE 1000/PK	192590
6784-2504	PURADISC 25/0.45 PTFE 50/PK	23440

Filtration devices

Puradisc 25mm - PES

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6780-2502	PURADISC 25/0.2 PES S 50/PK	13450
6794-2512	PURADISC 25/0.2 PES S 1000/PK	184690
6781-2502	PURADISC 25/0.2 PES 200/PK	68340
6794-2502	PURADISC 25/0.2 PES 1000/PK	192590
6780-2504	PURADISC 25/0.45 PES S 50/PK	14160
6794-2514	PURADISC 25/0.45 PES S 1000/PK	190600
6781-2504	PURADISC 25/0.45 PES 200/PK	68340
6794-2504	PURADISC 25/0.45 PES 1000/PK	192590
6780-2510	PURADISC 25/1.0 PES S 50/PK	16560
6781-2510	PURADISC 25/1.0 PES 200/PK	68340

Puradisc 25mm - PP

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6786-2504	PURADISC 25/0.45 PP 50/PK	22140
6788-2504	PURADISC 25/0.45 PP(DP) 200/PK	69450
6790-2504	PURADISC 25/0.45 PP(DP) 1000/PK	195450

Puradisc 25mm - RC

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6756-2504	Puradisc 25/0.45 RC 50/pk	20280
6757-2504	Puradisc 25/0.45 RC 200/pk	60300
6758-2504	Puradisc 25/0.45 RC 1000/pk	246530

Puradisc 25mm - GMF

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
6825-2517	PURADISC 25/0.7 GF/F 50/PK	20950
6825-2527	PURADISC 25/0.7 GF/F 200/PK	67230

Puradisc 25mm - GMF

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
6787-2520	PURADISC 25/0.7 GF/F 1000/PK	196140
6783-2510	PURADISC 25/1.0 GD1 100/PK	36160
6792-2510	PURADISC 25/1.0 GD1 1000/PK	185310
6783-2520	PURADISC 25/2.0 GD2 100/PK	37440

Puradisc 30mm - CA

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
10462205	PURADISC 30/0.2 CA S MLL 50/PK	22860
10462200	PURADISC 30/0.2 CA S 50/PK	24250
10462701	PURADISC 30/0.2 CA 50/PK	16580
10462710	PURADISC 30/0.2 CA 100/PK	37020
10462206	PURADISC 30/0.2 CA MLL 500/PK	129620
10462700	PURADISC 30/0.2 CA 500/PK	122110
10462100	PURADISC 30/0.45 CA S 50/PK	24250
10462610	PURADISC 30/0.45 CA 100/PK	30590
10462600	PURADISC 30/0.45 CA 500/PK	128550
10462240	PURADISC 30/0.8 CA S 50/PK	23580
10462241	PURADISC 30/0.8 CA 50/PK	16010
10462243	PURADISC 30/0.8 CA 500/PK	119960
10462260	PURADISC 30/1.2 CA S 50/PK	23900
10462261	PURADISC 30/1.2 CA 50/PK	15190
10462263	PURADISC 30/1.2 CA 500/PK	126860

Puradisc 30mm - CN

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
10462000	PURADISC 30/5.0 CN S 50/PK	23900
10462520	PURADISC 30/5.0 CN 50/PK	15190

Puradisc 30mm - CN

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
10462510	PURADISC30/5.0 CN 100/PK	29150
10462500	PURADISC30/5.0 CN 500/PK	122110

Puradisc 30mm - PTFE

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
10463500	PURADISC 30/0.2 PTFE S 50/PK	29950
10463503	PURADISC 30/0.2 PTFE 100/PK	50440
10463505	PURADISC 30/0.2 PTFE 500/PK	195580
10463513	PURADISC 30/0.45 PTFE 100/PK	42970
10463515	PURADISC 30/0.45 PTFE 500/PK	206280
10463523	PURADISC30/1.0 PTFE 100/PK	44450
10463525	PURADISC 30/1.0 PTFE 500/PK	195580
10463533	PURADISC 30/5.0 PTFE 100/PK	45100
10463535	PURADISC 30/5.0 PTFE 500/PK	195580

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	36250
6773-1302	PURADISC 13/0.2 H-PTFE 500/PK	136450
6774-1302	PURADISC 13/0.2 H-PTFE 2000/PK	472320
6772-1304	PURADISC 13/0.45 H-PTFE 100/PK	36250
6773-1304	PURADISC 13/0.45 H-PTFE 500/PK	136450
6774-1304	PURADISC 13/0.45 H-PTFE 2000/PK	445880

Puradisc 25mm - H-PTFE

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6785-2504	PURADISC 25/0.45 PTFE 200/PK	69350
6798-2504	PURADISC 25/0.45 PTFE 1000/PK	136760
6784-2510	PURADISC 25/1.0 PTFE 50/PK	23100
6798-2510	PURADISC 25/1.0 PTFE 1000/PK	195450
6772-2502	PURADISC 25/0.2 H-PTFE 50/PK	17360
6773-2502	PURADISC 25/0.2 H-PTFE 200/PK	51340
6774-2502	PURADISC 25/0.2 H-PTFE 1000/PK	225710
6772-2504	PURADISC 25/0.45 H-PTFE 50/PK	17360
6773-2504	PURADISC 25/0.45 H-PTFE 200/PK	51340
6774-2504	PURADISC 25/0.45 H-PTFE 1000/PK	213080

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.

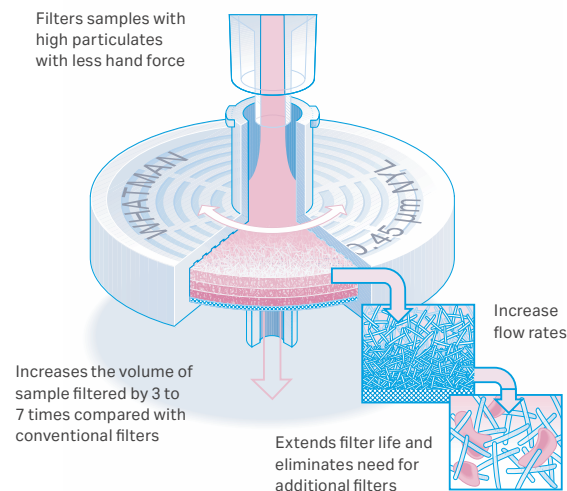
GMF 150 and GF/F are produced from 100% borosilicate glass microfiber. Graded density GMF 150 medium has a coarse top layer meshed with a fine bottom layer that retains particles to 1.0 µm. A GF/F filter then retains particles down to 0.7 µm. The prefilter stack ends with a final membrane.

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



GD/X 13mm - Nylon

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6870-1302	GD/X 13/0.2 NYL 150/PK	32420
6871-1302	GD/X 13/0.2 NYL 1500/PK	305460
6870-1304	GD/X 13/0.45 NYL 150/PK	32420
6871-1304	GD/X 13/0.45 NYL 1500/PK	305460

GD/X 13mm - PVDF

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6872-1302	GD/X 13/0.2 PVDF 150/PK	32040
6872-1304	GD/X 13/0.45 PVDF 150/PK	30800
6873-1304	GD/X 13/0.45 PVDF 1500/PK	305460

GD/X 13mm - PTFE

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6874-1302	GD/X 13/0.2 PTFE 150/PK	31440
6875-1302	GD/X 13/0.2 PTFE 1500/PK	305460
6874-1304	GD/X 13/0.45 PTFE 150/PK	30430
6875-1304	GD/X 13/0.45 PTFE 1500/PK	305460

GD/X 13mm - PES

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6876-1302	GD/X 13/0.2 PES 150/PK	42450

GD/X 13mm - CA

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6880-1302	GD/X 13/0.2 CA 150/PK	42450

GD/X 13mm - GMF

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
6882-1316	GD/X 13/1.6 GF/A 150/PK	43100
6884-1310	GD/X 13/1.0 GF/B 150/PK	49650
6888-1327	GD/X 13/2.7 GF/D 150/PK	48260

GD/X 13mm - GMF

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
6890-1307	GD/X 13/0.7 GF/F 150/PK	42230
6894-1304	GD/X 13/0.45 GMF 150/PK	42450

GD/X 25mm - Nylon

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6870-2502	GD/X 25/0.2 NYL 150/PK	40890
6871-2502	GD/X 25/0.2 NYL 1500/PK	297320
6870-2504	GD/X 25/0.45 NYL 150/PK	39450
6871-2504	GD/X 25/0.45 NYL 1500/PK	297320
6870-2550	GD/X 25/5.0 NYL 150/PK	56260
6871-2550	GD/X 25/5.0 NYL 1500/PK	354990

GD/X 25mm - PVDF

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6900-2502	GD/X 25/0.2 PVDF S 50/PK	27410
6872-2502	GD/X 25/0.2 PVDF 150/PK	42660
6873-2502	GD/X 25/0.2 PVDF 1500/PK	339870
6900-2504	GD/X 25/0.45 PVDF S 50/PK	24330
6872-2504	GD/X 25/0.45 PVDF 150/PK	42050
6873-2504	GD/X 25/0.45 PVDF 1500/PK	339870

Filtration devices

GD/X 25mm - PTFE

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6874-2502	GD/X 25/0.2 PTFE 150/PK	40280
6874-2504	GD/X 25/0.45 PTFE 150/PK	39530
6875-2502	GD/X 25/0.2 PTFE 1500/PK	344960

GD/X 25mm - RC

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6887-2502	GD/X 25 RC 0.2UM 150/PK	98160
6882-2504	GD/X 25 RC 0.45UM 150/PK	79410
6883-2504	GD/X 25 RC 0.45UM 1500/PK	469090

GD/X 25mm - CA

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6901-2502	GD/X 25/0.2 CA S 50/PK	28510
6880-2502	GD/X 25/0.2 CA 150/PK	54360
6901-2504	GD/X 25/0.45 CA S 50/PK	33960
6880-2504	GD/X 25/0.45 CA 150/PK	55160
6881-2504	GD/X 25/0.45 CA 1500/PK	413710

GD/X 25mm - PES

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6896-2502	GD/X 25/0.2 PES S 50/PK	25850
6876-2502	GD/X 25/0.2 PES 150/PK	53560
6905-2502	GD/X 25/0.2 PES 1500/PK	405880
6896-2504	GD/X 25/0.45 PES S 50/PK	25800
6876-2504	GD/X 25/0.45 PES 150/PK	53560
6905-2504	GD/X 25/0.45 PES 1500/PK	405880

GD/X 25mm - GMF

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
6882-2516	GD/X 25/1.6 GMF 150/PK	56060
6883-2516	GD/X 25/1.6 GMF 1500/PK	422870
6884-2510	GD/X 25/1.0 GF/B 150/PK	54910
6886-2512	GD/X 25/1.2 GF/C 150/PK	51800
6888-2527	GD/X 25/2.7 GF/D 150/PK	52790
6890-2507	GD/X 25/0.7 GF/F 150/PK	53480
6891-2507	GD/X 25/0.7 GF/F 1500/PK	414090
6902-2504	GD/X 25/0.45 GMF S 50/PK	29430
6894-2504	GD/X 25/0.45 GMF 150/PK	52330
6892-2515	GD/X 25/1.5 934-AH 150/PK	55400

GD/XP 25mm - Nylon

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6971-2504	GD/XP 25/0.45 NYL 1500/PK	423100

GD/XP 25mm - PVDF

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6972-2504	GD/XP 25/0.45 PVDF 150/PK	70250
6973-2504	GD/XP 25/0.45 PVDF 1500/PK	439990

GD/XP 25mm - PTFE

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6974-2504	GD/XP 25/0.45 PTFE 150/PK	71590

GD/XP 25mm - PES

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6994-2504	GD/XP 25/0.45 PES 150/PK	73390
6995-2504	GD/XP 25/0.45 PES 1500/PK	435530

GD/XP 25mm - PP

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6992-2504	GDXP 25/0.45 DPPP 150/PK	81400

Whatman™ Uniflo™ syringe filters

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

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

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



Whatman Uniflo syringe filters



Whatman Uniflo syringe filters

Uniflo™ Syringe filters

Uniflo™ NYL

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
9910-1302	UNIFLO 13mm 0.22 NYL 500/PK	17250
9910-1304	UNIFLO 13mm 0.45 NYL 500/PK	17770
9910-2502	UNIFLO 25mm 0.22 NYL 500/PK	19400
9918-2504	UNIFLO 25mm 0.45 NYL 100/PK	4640
9910-2504	UNIFLO 25mm 0.45 NYL 500/PK	19560

Uniflo PVDF

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
9909-1302	UNIFLO 13mm 0.22 PVDF 500/PK	17990
9909-1304	UNIFLO 13mm 0.45 PVDF 500/PK	18190
9909-2502	UNIFLO 25mm 0.22 PVDF 500/PK	27650
9917-2504	UNIFLO 25mm 0.45 PVDF 100/PK	5640
9909-2504	UNIFLO 25mm 0.45 PVDF 500/PK	24970

Uniflo PTFE

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
9911-1302	UNIFLO 13mm 0.22 PTFE 500/PK	21140
9911-1304	UNIFLO 13mm 0.45 PTFE 500/PK	20630
9911-2502	UNIFLO 25mm 0.22 PTFE 500/PK	28110
9911-2504	UNIFLO 25mm 0.45 PTFE 500/PK	28540

Uniflo PES

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
9912-1302	UNIFLO 13mm 0.22 PES 500/PK	26090
9912-1304	UNIFLO 13mm 0.45 PES 500/PK	26090
9912-2502	UNIFLO 25mm 0.22 PES 500/PK	25890
9912-2504	UNIFLO 25mm 0.45 PES 500/PK	27070

Uniflo H-PTFE

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
9920-1302	UNIFLO 13/0.2 H-PTFE 100PK	7880
9921-1302	UNIFLO 13/0.2 H-PTFE 500PK	30310
9920-1304	UNIFLO 13/0.45 H-PTFE 100PK	7880
9921-1304	UNIFLO 13/0.45 H-PTFE 500PK	30030
9920-2502	UNIFLO 25/0.2 H-PTFE 100PK	8260
9921-2502	UNIFLO 25/0.2 H-PTFE 500PK	35460
9920-2504	UNIFLO 25/0.45 H-PTFE 100PK	8460
9921-2504	UNIFLO 25/0.45 H-PTFE 500PK	34750

Uniflo PES STERILE

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
9916-1302	UNIFLO 13mm 0.2 PES S 100/PK	9490
9914-2502	UNIFLO 25mm 0.2 PES S 45/PK	3900
9916-1304	UNIFLO 13mm 0.45 PES S 100/PK	9630
9915-2502	UNIFLO 25MM 0.2 PES S 200/PK	19020
9914-2504	UNIFLO 25mm 0.45 PES S 45/PK	4000
9915-2504	UNIFLO 25MM 0.45 PES S 200/PK	19020

Uniflo PVDF STERILE

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
9913-2502	UNIFLO 25mm 0.22 PVDF S 45/PK	4060
9913-2504	UNIFLO 25mm 0.45 PVDF S 45/PK	4050

Anotop™ Syringe Filters

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

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

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

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

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



Anotop syringe filters



Anotop IC syringe filter

Whatman Anotop Plus syringe filters

Anotop™ 10

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6809-1102	Whatman ANOTOP 10/0.02 S 50/PK	50050
6809-1002	Whatman ANOTOP 10/0.02 50/PK	37780
6809-1112	Whatman ANOTOP 10/0.1 S 50/PK	47470
6809-1012	Whatman ANOTOP 10/0.1 50/PK	46720
6809-1122	Whatman ANOTOP 10/0.2 S 50/PK	56730
6809-1022	Whatman ANOTOP 10/0.2 50/PK	63820

Anotop 25

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6809-2102	Whatman ANOTOP 25/0.02 S 50/PK	67470
6809-2002	Whatman ANOTOP 25/0.02 50/PK	41040
6809-2112	Whatman ANOTOP 25/0.1 S 50/PK	89370
6809-2012	Whatman ANOTOP 25/0.1 50/PK	50910
6809-2122	Whatman ANOTOP 25/0.2 S 50/PK	72990
6809-2022	Whatman ANOTOP 25/0.2 50/PK	42680
6809-2024	Whatman ANOTOP 25/0.2 200/PK	198680

Anotop 10 Plus

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
6809-3102	Whatman ANOTOP Plus 10/0.02 S 50/PK	55240
6809-3002	Whatman ANOTOP Plus 10/0.02 50/PK	35930
6809-3112	Whatman ANOTOP Plus 10/0.1 S 50/PK	54430
6809-3012	Whatman ANOTOP Plus 10/0.1 50/PK	34510
6809-3122	Whatman ANOTOP Plus 10/0.2 S 50/PK	88770
6809-3022	Whatman ANOTOP Plus 10/0.2 50/PK	38860

Anotop 25 Plus

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
6809-4102	Whatman ANOTOP Plus 25/0.02 S 50/PK	79870
6809-4002	Whatman ANOTOP Plus 25/0.02 50/PK	58100
6809-4112	Whatman ANOTOP Plus 25/0.1 S 50/PK	101240
6809-4012	Whatman ANOTOP Plus 25/0.1 50/PK	72530
6809-4122	Whatman ANOTOP Plus 25/0.2 S 50/PK	77090
6809-4022	Whatman ANOTOP Plus 25/0.2 50/PK	55140
6809-4024	Whatman ANOTOP Plus 25/0.2 200/PK	225550

Anotop 10 LC

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
2001-0100	Whatman Anotop LC 10/0.2 LC 100/PK	92440
2001-0200	Whatman Anotop LC 10/0.2 LC 200/PK	185150

Anotop 25 LC

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
2002-5100	Whatman Anotop LC 25/0.2 LC 100/PK	87750

Anotop 10 IC

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6809-9233	Whatman IC 10/0.2 100/PK	97920
6809-9234	Whatman IC 10/0.2 200/PK	176970
6809-9235	Whatman IC 10/0.2 S 250/PK	251380

Anotop 25 IC

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6809-9244	Whatman IC 25/0.2 200/PK	197530

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 13mm

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
10463040	Whatman SPARTAN 13/0.2 RC MT 100/PK	29950
10463100	Whatman SPARTAN 13/0.2 RC 100/PK	29950
10463042	Whatman SPARTAN 13/0.2 RC MT 500/PK	116940
10463102	Whatman SPARTAN 13/0.2 RC 500/PK	115450
10463030	Whatman SPARTAN 13/0.45 RC MT 100/PK	29050
10463110	Whatman SPARTAN 13/0.45 RC 100/PK	30560
10463032	Whatman SPARTAN 13/0.45 RC MT 500/PK	115450
10463112	Whatman SPARTAN 13/0.45 RC 500/PK	119340

SPARTAN 30mm

HSN Code: 84212900 | GST: 18%

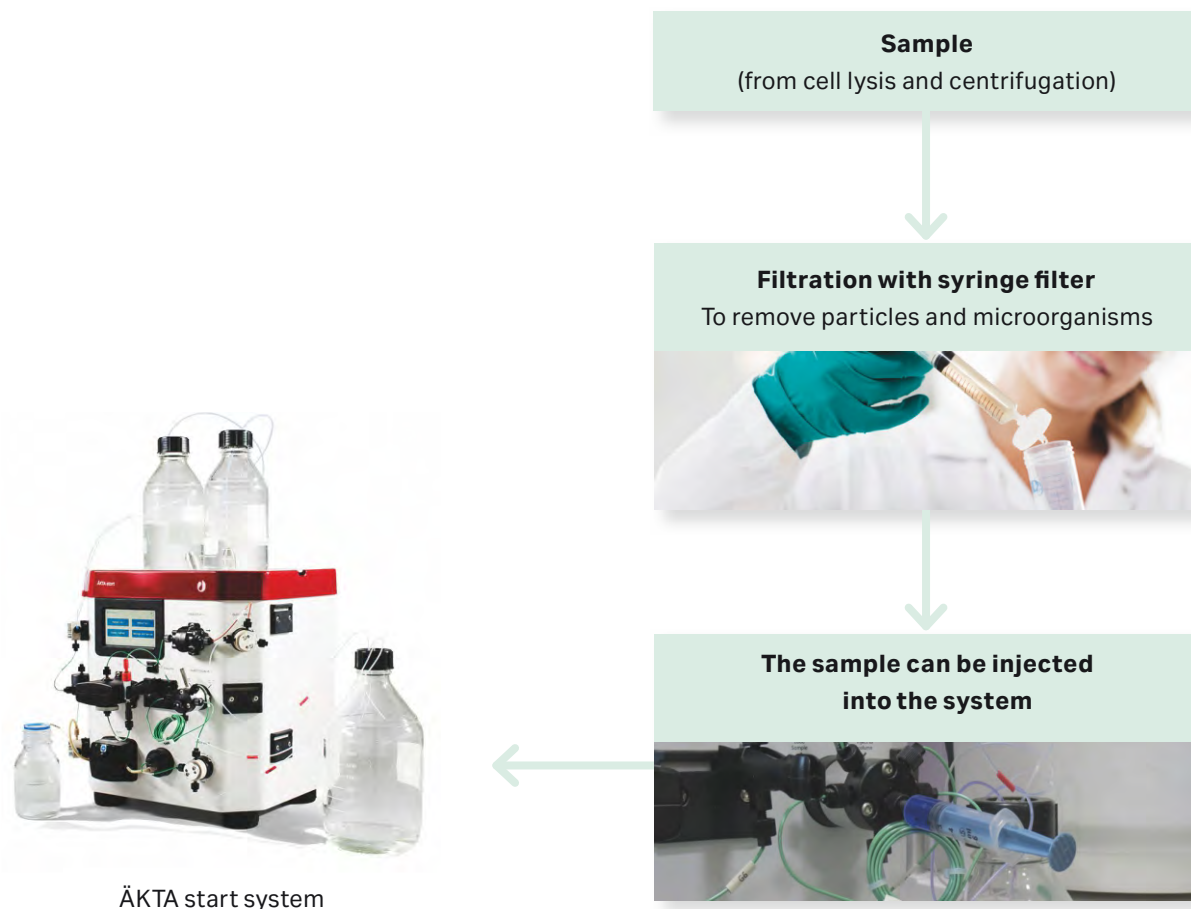
Cat. Nos	Description	INR List Price
10463060	Whatman SPARTAN 30/0.2 RC 100/PK	31950
10463062	Whatman SPARTAN 30/0.2 RC 500/PK	85020
10463053	Whatman SPARTAN 30/0.45 RC 50/PK	19100
10463050	Whatman SPARTAN 30/0.45 RC 100/PK	34220
10463052	Whatman SPARTAN 30/0.45 RC 500/PK	85140

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 filters 13mm

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
10463103	Whatman PROTEIN PREP 13/0.2RC 150/PK	72380
10463113	Whatman PROTEIN PREP 13/0.45C 150/PK	72380

Protein prep filters 30mm

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
10463033	Whatman PROTEIN PREP 30/0.45RC 150/PK	79620
10463043	Whatman PROTEIN PREP 30/0.2 RC 150/PK	79620

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.

Whatman filters for Agilent 850 DS

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
7707-3500	Whatman 850-DS 8-CH FP 0.2um NYL 50/PK	70780
7707-3100	Whatman 850-DS 8-CH FP 0.45um NYL 50/PK	70780
7707-3700	Whatman 850-DS 8 CH FP 0.2um PVDF 50/PK	79100
7707-3800	Whatman 850-DS 8 CH FP 0.45um PVDF 50/PK	82080
7707-3400	Whatman 850-DS 8-CH FP 0.2um PTFE 50/PK	70780
7707-3000	Whatman 850-DS 8-CH FP 0.45 PTFE 50/PK	73440
7707-3600	Whatman 850-DS 8-CH FP 0.2um PES 50/PK	70780
7707-3200	Whatman 850-DS 8-CH FP 0.45 PES 50/PK	73440



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

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

Cat. Nos	Description	INR List Price
UN203NPENYL	MUP 0.2µM NYL 100/PK	22420
UN503NPENYL	MUP 0.2µM NYL 1000/PK	272360
UN203NPUNYL	MUP 0.45µM NYL 100/PK	22090

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

Cat. Nos	Description	INR List Price
UN203NPEAQU	MUP 0.2µM PVDF 100/PK	22090
UN503NPEAQU	MUP 0.2µM PVDF 1000/PK	197380
UN203NPUAQU	MUP 0.45µM PVDF 100/PK	22250
UN503NPUAQU	MUP 0.45µM PVDF 1000/PK	197380

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

Cat. Nos	Description	INR List Price
UN203NPEORG	MUP 0.2µM PTFE 100/PK	21500
UN503NPEORG	MUP 0.2µM PTFE 1000/PK	197380
UN203NPUORG	MUP 0.45µM PTFE 100/PK	22540
UN503NPUORG	MUP 0.45µM PTFE 1000/PK	197380

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

Cat. Nos	Description	INR List Price
UN203NPERC	MUP 0.2µM RC 100/PK	24350
UN503NPERC	MUP 0.2µM RC 1000/PK	211080
UN203NPURC	MUP 0.45µM RC 100/PK	25310

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

Cat. Nos	Description	INR List Price
UN203NPUDPP	MUP 0.45uM DPPP 100/PK	22090
UN503NPUDPP	MUP 0.45uM DPPP 1000/PK	204280

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

Cat. Nos	Description	INR List Price
US203NPENYL	MUP SS 0.2uM NYL 100/PK	30050
US503NPENYL	MUP SS 0.2uM NYL 1000/PK	346860
US203NPUNYL	MUP SS 0.45uM NYL 100/PK	27410

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

Cat. Nos	Description	INR List Price
US203NPEAQU	MUP SS 0.2uM PVDF 100/PK	27410
US503NPEAQU	MUP SS 0.2uM PVDF1000/PK	346860

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

Cat. Nos	Description	INR List Price
US203NPUAQU	MUP SS 0.45uM PVDF 100/PK	27250
US503NPUAQU	MUP SS 0.45uM PVDF 1000/PK	346860

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

Cat. Nos	Description	INR List Price
US203NPEORG	MUP SS 0.2uM PTFE 100/PK	27410
US503NPEORG	MUP SS 0.2uM PTFE1000/PK	346860
US203NPUORG	MUP SS 0.45uM PTFE100/PK	27410
US503NPUORG	MUP SS 0.45uM PTFE 1000/PK	346860

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

Cat. Nos	Description	INR List Price
US203NPUPES	MUP SS 0.45uM PES 100/PK	28370

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

Cat. Nos	Description	INR List Price
US503NPUDPP	MUP SS 0.45uM DPP 1000/PK	359000

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

Cat. Nos	Description	INR List Price
UN203APENYL	MUP AMB 0.2uM NYL 100/PK	28350
UN203APUNYL	MUP AMB 0.45uM NYL 100/PK	28350

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

Cat. Nos	Description	INR List Price
UN203APEAQU	MUP AMB 0.2uM PVDF 100/PK	27390

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

Cat. Nos	Description	INR List Price
UN203APEORG	MUP AMB 0.2uM PTFE 100/PK	27390
UN203APUORG	MUP AMB 0.45uM PTFE 100/PK	24510

Accessories HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
MUPMCPBC8	MUP multi-compressor 1/PK W one tray	59650
MUPMCBT8	MUP Multi Compressor Tray	4530

Whatman™ UniPrep™ filter vials

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

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

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



Whatman UniPrep Syringeless Filters

Whatman UniPrep filter vials		HSN Code: 84212900 GST: 18%
Cat. Nos	Description	INR List Price
UN113ENYL	UP 0.2uM NYL 50/PK	25430
UN113UNYL	UP 0.45uM NYL 50/PK	24570
UN113UORG	UP 0.45uM PTFE 50/PK	22890

Whatman™ Autovial™ filter vials

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

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

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



Whatman Autovial syringeless filters

Autovial filter vials

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

Cat. Nos	Description	INR List Price
AV115NPUNYL	AV5 0.45uM NYL 50/PK	27270
AV115NPUAQU	AV5 0.45uM PVDF 50/PK	26350
AV115NPEORG	AV5 0.2uM PTFE 50/PK	26530
AV115NPUORG	AV5 0.45uM PTFE 50/PK	23680

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

Cat. Nos	Description	INR List Price
AV125ENAO	AV12 0.2uM NYL 50/PK	31860
AV125UNAO	AV12 0.45uM NYL 50/PK	32180

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

Cat. Nos	Description	INR List Price
AV525UNAO	AV12 0.45uM NYL 1000/PK	488730
AV125EAQU	AV12 0.2uM PVDF 50/PK	31380
AV125UAQU	AV12 0.45uM PVDF 50/PK	32180
AV125NPUAQU	AV12 0.45uM PVDF N/PRE 50/PK	31220
AV125EORG	AV12 0.2uM PTFE 50/PK	31380
AV125UORG	AV12 0.45uM PTFE 50/PK	33320
AV525UORG	AV12 0.45uM PTFE 1000/PK	488730

Mobile phase filtration

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

Inline filter/degasser

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

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

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

Features and benefits

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

Mobile phase filtration

Inline filter/degasser

Cat. Nos	Description	INR List Price
6725-5002	SOLVENT IFD 0.2 PP 10/PK W/O	25640
6725-5002A	SOLVENT IFD 0.2 PP 10/PK WO/O	25640
6726-5002	AQUEOUS IFD 0.2 NYL 10/PK W/O	25640
6726-5002A	AQUEOUS IFD 0.2 NYL 10/PK WO/O	25640



Inline filter/degassers (IFD)

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 TF-PTFE

Cat. Nos	Description	INR List Price
6720-5001	POLYDISC 50 0.1 PTFE 10/PK	20450
6720-5002	POLYDISC 50 0.2 PTFE 10/PK	20450
6721-5010	POLYDISC 50 1.0 PTFE 10/PK	20290

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-PP

Cat. Nos	Description	INR List Price
2227	POLYDISC HD 5.0 50/PK E/E	70360
2228	POLYDISC HD 10.0 50/PK E/E	64520
6728-5050	POLYDISC HD 5.0 DPPP 10/PK	19340
6728-5100	POLYDISC HD 10.0 DPPP 10/PK	19340

Polydisc GW-QMF+NYLON

Cat. Nos	Description	INR List Price
10463400	POLYDISC GW 0.45µM 20/PK	18160
10463401	POLYDISC GW 0.45µM 50/PK	67160



Polydisc HD filter

Polydisc GW filters



Polydisc SPF filters

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

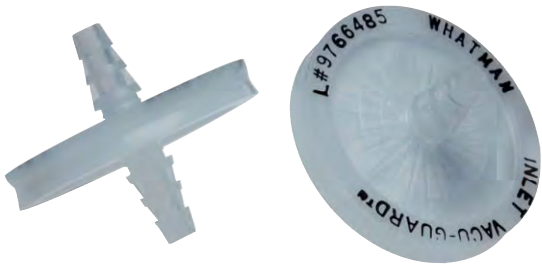
- Choice of media: VACU-GUARD 150 capsule filters include all the features and benefits of standard VACU-GUARD disc filters, plus a range of media for specific applications.

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

Cat. Nos	Description	INR List Price
6722-5000	VACUGUARD 50 0.45 PTFE 10/PK	23910
6722-5001	VACUGUARD 60 0.45 PTFE 10/PK	23910
6722-1001	VACUGUARD 150 0.45 TF/AC 1/PK	23590
6722-1002	VACUGUARD 150 0.45 TF/D 1/PK	19660



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

PolyVent 36

Cat. Nos	Description	INR List Price
6713-5036	POLYVENT 500 0.2 PTFE 1/PK	13150
2103	POLYVENT 500 0.2TF 1/PK B/B	13960

PolyVent 75

Cat. Nos	Description	INR List Price
6713-1075	POLYVENT 1000 0.2 PTFE 1/PK	16730

PolyVent 150

Cat. Nos	Description	INR List Price
2107	POLYVENT 2000 0.2TF 1/PK B/B	21750
2108	POLYVENT 2000 0.2TF 1/PK H/H	20290

PolyVENT discs

Cat. Nos	Description	INR List Price
6713-0425	POLYVENT 25MM 0.2 PTFE 50/PK	26940
6713-1650	POLYVENT 50MM 0.2 PTFE 10/PK	24270
6713-1651	POLYVENT 50MM 0.2 PTFE 100/PK	143330

HEPACAP 36

Cat. Nos	Description	INR List Price
6702-3600	HEPA-CAP 36 1/PK A/A	9410
2609T	HEPA-CAP 36 5/PK G/G	40330

HEPACAP 75

Cat. Nos	Description	INR List Price
2709T	HEPA-CAP 75 5/PK G/G	74780

HEPA-VENT disc filter

Cat. Nos	Description	INR List Price
6723-5000	HEPA-VENT 50 GF 10/PK	13930

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.

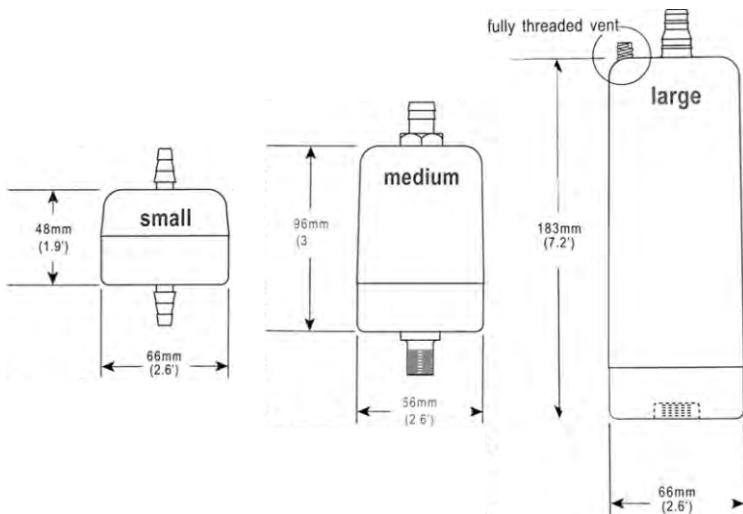
These capsules are available with a variety of end fittings for easy connection in a range of process lines.

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 36 AS

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6705-3602	POLYCAP 36 0.2 AS 1/PK A/A S	9430
6708-3602	POLYCAP 36 0.2 AS 1/PK B/B S	9430
6709-3602	POLYCAP 36 0.2 AS 1/PK F/A S	8600
6706-3602	POLYCAP 36 0.2 AS 1/PK A/A S/WB	9330
2606T	POLYCAP 36 0.2 AS 5/PK G/G	57300
6705-3604	POLYCAP 36 0.45 AS 1/PK A/A S	8600

Polycap 75 AS

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
2706T	POLYCAP 75 0.2 AS 5/PK G/G	59250
2707NS	POLYCAP 75 0.45 AS 5/PK A/A	58760

Polycap 36 HD

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
2610T	POLYCAP 36 .2/.45 HD 5/PK G/G	42240
2611	POLYCAP 36 .45/1.0 HD 5/PK A/A	45040
2611T	POLYCAP 36 .45/1.0 HD 5/PK G/G	43420
2612T	POLYCAP 36 1.0/5.0 HD 5/PK G/G	40840
6703-3610	POLYCAP 36 1.0 HD 1/PK A/A	8600
2613T	POLYCAP 36 5./10. HD 5/PK G/G	43840
6703-3650	POLYCAP 36 5.0 HD 1/PK A/A	8930
2614T	POLYCAP 36 10/20 HD 5/PK G/G	41390
6703-3611	POLYCAP 36 10.0 HD 1/PK A/A	8600
6703-3621	POLYCAP 36 20.0 HD 1/PK A/A	8600

Polycap 75 HD

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
2710	POLYCAP 75 0.2/.45 HD 5/PK D/D	54170
6703-7510	POLYCAP 75 1.0 HD 1/PK B/B	11250
2711T	POLYCAP 75 .45/1.0 HD 5/PK G/G	56110

Polycap 75 HD

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6703-7550	POLYCAP 75 5.0 HD 1/PK B/B	11690
2712M	POLYCAP 75 1.0/5.0 HD 5/PK F/F	54550
2712T	POLYCAP 75 1.0/5.0 HD 5/PK G/G	54550
6703-7511	POLYCAP 75 10.0 HD 1/PK B/B	11690
2713T	POLYCAP 75 5/10 HD 5/PK G/G	56890
2713	POLYCAP 75 5.0/10 HD 5/PK D/D	57090
6703-7521	POLYCAP 75 20.0 HD 1/PK B/B	11690
2714	POLYCAP 75 10/20 HD 5/PK D/D	60680
2714T	POLYCAP 75 10/20 HD 5/PK G/G	56110

Polycap 150 HD

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
2810	POLYCAP 150 .2/.45 HD 5/PK D/D	68000
2810T	POLYCAP 150 .2/.45 HD 5/PK G/G	65190
2812T	POLYCAP 150 1/5 HD 5/PK G/G	67860
2813T	POLYCAP 150 5/10 HD 5/PK G/G	65190
2813	POLYCAP 150 5/10 HD 5/PK D/D	68780
2814T	POLYCAP 150 10/20 HD 5/PK G/G	65190

Polycap 36 TC

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6714-3602	POLY CAP 36 0.2/0.2 PES 1/PK A/A S	12170
2642	POLYCAP 36 0.2 PES 5/PK A/A S	56740
6714-3604	POLY CAP 36 .6/0.45 PES 1/PK A/A S	12170
6715-3601	POLY36 .2/.1 PES 1/PK A/A/S/WB	13760
6715-3602	POLY36 .2/.2 PES 1/PK A/A/S/WB	12040
6716-3602	POLY36 .2/.2 PES 1/PK F/A/S/WB	13030
6715-3604	POLY36 .6/.45PES 1/PK A/A/S/WB	12380
6715-3682	POLY36 .8/.2PES 1/PK A/A/S/WB	12040

Polycap 75 TC

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6714-7501	POLYC75 0.2/0.1 PES 1/PK A/A S	22040
6714-7502	POLYC75 0.2/0.2 PES 1/PK A/A S	19150
6717-7504	POLYCA75 .6/.45 PES 1/PK B/B/S	18290
6717-7510	POLYC75 1.0/1.0 PES 1/PK B/B/S	18290
6715-7502	POLY75 .2/.02 TC 1/PK A/A/S/WB	18290
6715-7582	POLY75 0.8/0.2PES 1/PK A/A/S/WB	17820

Polycap 150 TC

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6717-9501	POLY150 0.2/0.1 PES 1/PK B/B/S	35060
6717-9502	POLY150 0.2/0.2 PES 1/PK B/B/S	24030
6704-9502	POLYCAP 150 0.2 PES 5/PK H/H	103490
6717-9504	POLY150 .6/0.45 PES 1/PK B/B/S	24030
6718-9502	POLY150 .2/.2 PES 1/PKB/B/S/WB	23800
6718-9582	POLY150 .8/0.2PES 1/PKB/A/S/WB	22040

Polycap 36 TF

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6711-3601	POLYCAP 36 0.1 PTFE 1/PK F/A	12040
6711-3602	POLYCAP 36 0.2 PTFE 1/PK F/A	13030
6700-3602	POLYCAP 36 0.2 PTFE 1/PK A/A	13310
2601	POLYCAP 36 0.2 PTFE 5/PK A/A	58310
6711-3604	POLYCAP 36 0.45 PTFE 1/PK F/A	12820
2602S	POLYCAP 36 0.45 PTFE 5/PK H/H	58150
6700-3610	POLYCAP 36 1.0 PTFE 1/PK A/A	13530
2603	POLYCAP 36 1.0 PTFE 5/PK A/A	58310

Polycap 75 TF

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6700-7501	POLYCAP 75 0.1 PTFE 1/PK A/A	18220
2700T	POLYCAP 75 0.1 PTFE 5/PK G/G	77920
6711-7502	POLYCAP 75 0.2 PTFE 1/PK F/A	18220
6710-7502	POLYCAP 75 0.2 PTFE 1/PK B/B	17050
6700-7502	POLYCAP 75 0.2 PTFE 1/PK A/A	16570
2702M	POLYCAP 75 0.2 PTFE 5/PK F/F	77920
2702T	POLYCAP 75 0.2 PTFE 5/PK G/G	77920
2703T	POLYCAP 75 0.45 PTFE 5/PK G/G	80160

Polycap 150 TF

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
2800T	POLYCAP 150 0.1 PTFE 5/PK G/G	106880
2802T	POLYCAP 150 0.2 PTFE 5/PK G/G	103890
2801	POLYCAP 150 0.2 PTFE 5/PK H/H	104110
2803T	POLYCAP 150 0.45 PTFE 5/PK G/G	106880
2804T	POLYCAP 150 1.0 PTFE 5/PK G/G	103890

Polycap 75 GW

HSN Code: 84212900 | GST: 18%

Cat. Nos	Description	INR List Price
6714-6004	POLYCAP GW 0.45 PES 1/PK	8800
6724-6004	POLYCAP GW 0.45 PES 100/PK	1193880

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.

06



Extraction thimbles

These thimbles are widely used in Soxhlet extraction units, providing a safe, convenient, and efficient method of solvent extraction from solids and semi solids. Soxhlet extraction is a widely used technique for the analysis of fats or pesticides in foods and soil materials as well as in many other procedures that involve a solid-liquid extraction.

Cellulose thimbles

High-performance cellulose thimbles

Cellulose extraction thimbles are produced from high-quality alpha cellulose cotton linter and have excellent mechanical strength and retention. The high purity of the materials ensures reliable and reproducible analytical results.

Standard cellulose thimbles

Thimbles of type 603 are made from high-quality cellulose, and 603 g thimbles are made from borosilicate glass fibers with an inorganic binder. For all automated extraction apparatus in common use, we offer thimbles whose dimensions are matched exactly to those of the thimble holders to ensure optimal fit.

Glass and quartz thimbles

These thimbles are widely used in Soxhlet extraction units, providing a safe, convenient, and efficient method of solvent extraction from solids and semi solids. Soxhlet extraction is a widely used technique for the analysis of fats or pesticides in foods and soil materials as well as in many other procedures that involve a solid-liquid extraction.

High-purity glass microfiber thimbles

High-purity glass microfiber thimbles manufactured from 100% pure borosilicate glass are available for specialized applications. The thimbles are completely free of binders or additives and can be used at temperatures up to 500°C or when using solvents that are incompatible with cellulose thimbles. These thimbles are also used in pollution monitoring techniques (0.8 µm nominal particle retention). Typical thickness 1.7 mm.

Quartz microfiber thimbles

Made from high-purity quartz microfiber, this thimble can withstand high temperatures (up to 1000°C). Suitable for solvent extraction, dioxin detection and smoke stack gas sampling.

Thimble size selection guide

Thimble sizes should be selected carefully to fit extractors correctly. The different sizes represent the established practice of showing the internal diameter and overall length of the thimble in millimeters. Therefore, make an extra allowance for wall thickness when calculating external diameters. The thimble should pass through the narrower end of the upper extractor socket, allowing 1-2 mm clearance, and be 5-10 mm above the level of the top of the siphon tube.



High performance cellulose extraction thimbles



High-purity glass microfiber thimbles

High-performance cellulose thimbles

Single thickness: 1 mm

HSN Code: 48237090 | GST: 18%

Cat. Nos	Description	INR List Price
2800-105	THIMBLE ST 10x50MM 25/PK	15690
2800-185	THIMBLE ST 18x55MM 25/PK	15720
2800-199	THIMBLE ST 19x90MM 25/PK	15480
2800-226	THIMBLE ST 22x65MM 25/PK	15720
2800-228	THIMBLE ST 22x80MM 25/PK	15730
2800-258	THIMBLE ST 25x80MM 25/PK	15670
2800-259	THIMBLE ST 25x90MM 25/PK	15520
2800-250	THIMBLE ST 25x100MM 25/PK	15200
2800-266	THIMBLE ST 26x60MM 25/PK	15850
2800-260	THIMBLE ST 26x100MM 25/PK	15340
2800-288	THIMBLE ST 28x80MM 25/PK	15420
2800-280	THIMBLE ST 28x100MM 25/PK	15480
2800-282	THIMBLE ST 28x120MM 25/PK	17110
2800-308	THIMBLE ST 30x80MM 25/PK	15710
2800-300	THIMBLE ST 30x100MM 25/PK	15450
2800-338	THIMBLE ST 33x80MM 25/PK	18850
2800-339	THIMBLE ST 33x94MM 25/PK	18500
2800-330	THIMBLE ST 33x100MM 25/PK	18470
2800-331	THIMBLE ST 33x118MM 25/PK	18590
2800-373	THIMBLE ST 37x130MM 25/PK	25610
2800-412	THIMBLE ST 41x123MM 25/PK	21480
2800-432	THIMBLE ST 43x123MM 25/PK	23520

Double thickness: 2 mm

HSN Code: 48237090 | GST: 18%

Cat. Nos	Description	INR List Price
2810-166	THIMBLE DT 16x60MM 25/PK	17730

Double thickness: 2 mm

HSN Code: 48237090 | GST: 18%

Cat. Nos	Description	INR List Price
2810-228	THIMBLE DT 22x80MM 25/PK	20140
2810-258	THIMBLE DT 25x80MM 25/PK	19820
2810-266	THIMBLE DT 26x60MM 25/PK	22530
2810-338	THIMBLE DT 33x80MM 25/PK	25850
2810-339	THIMBLE DT 33x94MM 25/PK	34410
2810-432	THIMBLE DT 43x123MM 25/PK	32840

Standard cellulose thimbles

HSN Code: 48237090 | GST: 18%

Cat. Nos	Description	INR List Price
10350306	603 CELTHIMBLE 22x60MM 25/PK	40440
10350211	603 CELTHIMBLE 22x80MM 25/PK	22100
10350215	603 CELTHIMBLE 25x60MM 25/PK	21110
10350217	603 CELTHIMBLE 25x80MM 25/PK	20870
10350219	603 CELTHIMBLE 25x100MM 25/PK	21970
10350220	603 CELTHIMBLE 26x60MM 25/PK	21260
10350223	603 CELTHIMBLE 27x80MM 25/PK	20650
10350225	603 CELTHIMBLE 28x60MM 25/PK	20650
10350226	603 CELTHIMBLE 28x80MM 25/PK	21260
10350227	603 CELTHIMBLE 28x100MM 25/PK	20360
10350234	603 CELTHIMBLE 30x80MM 25/PK	21260
10350236	603 CELTHIMBLE 30x100MM 25/PK	25520
10350238	603 CELTHIMBLE 33x60MM 25/PK	20650
10350240	603 CELTHIMBLE 33x80MM 25/PK	21970
10350437	603T THIMBLE 33x31x80MM 25/PK	21000
10350241	603 CELTHIMBLE 33x90MM 25/PK	26050
10350242	603 CELTHIMBLE 33x94MM 25/PK	25340

Standard cellulose thimbles

HSN Code: 48237090 | GST: 18%

Cat. Nos	Description	INR List Price
10350243	603 CELTHIMBLE 33x100MM 25/PK	26050
10350245	603 CELTHIMBLE 33x118MM 25/PK	31540
10350247	603 CELTHIMBLE 33x130MM 25/PK	30630
10350250	603 CELTHIMBLE 33x205MM 25/PK	41220
10350252	603 CELTHIMBLE 34x130MM 25/PK	30120
10350255	603 CELTHIMBLE 35x150MM 25/PK	36140
10350261	603 CELTHIMBLE 40x85MM 25/PK	32080
10350265	603 CELTHIMBLE 41x123MM 25/PK	35970
10350275	603 CELTHIMBLE 44x230MM 25/PK	54670
10350273	603 CELTHIMBLE 48x145MM 25/PK	45780
10350274	603 CELTHIMBLE 48x200MM 25/PK	54320
10350287	603 CELTHIMBLE 75x250MM 25/PK	80720
10350324	603 CELTHIMBL 86x80x250MM 25/PK	76930

Standard cellulose thimbles for DIONEX™

HSN Code: 48237090 | GST: 18%

Cat. Nos	Description	INR List Price
10350106	603 ASE 17x37MM 25/PK FOR11ML	25640
10350108	603 ASE 17x79MM 25/PK FOR22ML	25640

Standard Glass Microfiber thimbles

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
10371103	603G GLASTHIMBLE 10x38MM 25/PK	36360
10371005	603G GLASTHIMBLE 16x50MM 25/PK	34630
10371007	603G GLASTHIMBLE 19x90MM 25/PK	38730
10371011	603G GLASTHIMBLE 22x80MM 25/PK	36500
10371114	603G GLASTHIMBL 23.8x68MM 25/PK	38470
10371019	603G GLASTHIMBL 25x100MM 25/PK	35960

Standard Glass Microfiber thimbles

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
10371025	603G GLASTHIMBLE 28x60MM 25/PK	34630
10371036	603G GLASTHIMBL 30x100MM 25/PK	43080
10371042	603G GLASTHIMBLE 33x94MM 25/PK	42940
10371043	603G GLASTHIMBL 33x100MM 25/PK	38770
10371045	603G GLASTHIMBL 33x118MM 25/PK	53240
10371055	603G GLASTHIMBL 35x150MM 25/PK	68060
2811-308	THIMBLE GF 30x80MM 25/PK	35250
2814-199	THIMBLE HPGF 19x90MM 25/PK	26400
2814-259	THIMBLE HPGF 25x90MM 25/PK	33410
2814-300	THIMBLE HPGF 30x100MM 25/PK	38730

Standard Glass Microfiber thimbles

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
2814-432	THIMBLE HPGF 43x123MM 25/PK	46120
2814-533	THIMBLE HPGF 53x135MM 25/PK	61730

Quartz microfiber thimbles

HSN Code: 70199090 | GST: 18%

Cat. Nos	Description	INR List Price
2812-259	THIMBLE SILICA 25x90MM 10/PK	18620
2812-287	THIMBLE SILICA 28x70MM 10/PK	24740

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

Cellulose chromatography papers

Grade 1CHR **HSN Code: 48232000 | GST: 18%**

Cat. Nos	Description	INR List Price
3001-604	GR 1CHR 1CMx100M	3930
3001-614	GR 1CHR 2CMx100M	5070
3001-640	GR 1CHR 3CMx100M	7130
3001-652	GR 1CHR 4CMx100M	9650
3001-653	GR 1CHR 5CMx100M	11580
3001-672	GR 1CHR 10CMx100M	20010
3001-681	GR 1CHR 15CMx100M	25450
3001-651	GR 1CHR 1.5INx300FT	12110
300110115	GR 1CHR 18inch x 3800m	893900
3001-845	GR 1CHR 10x30CM 100/PK	8540
3001-964	GR 1CHR 11x21.3CM 100/PK	20450
3001-861	GR 1CHR 20x20CM 100/PK	10530
3001-878	GR 1CHR 25x25CM 100/PK	16330

Grade 1CHR **HSN Code: 48054000 | GST: 12%**

Cat. Nos	Description	INR List Price
3001-917	GR 1CHR 46x57CM 100/PK	34890
3001-931	GR 1CHR 58x68CM 100/PK	55390

Grade 2CHR **HSN Code: 48054000 | GST: 12%**

Cat. Nos	Description	INR List Price
3002-917	GR 2 CHR 46x57CM 100/PK	51780

Grade 2CHR **HSN Code: 48232000 | GST: 18%**

Cat. Nos	Description	INR List Price
3002-911	GR 2CHR 58x60CM 100/PK	108290

Grade 3CHR **HSN Code: 48054000 | GST: 12%**

Cat. Nos	Description	INR List Price
3003-917	GR 3CHR 46x57CM 100/PK	89240

Grade 4CHR **HSN Code: 48232000 | GST: 18%**

Cat. Nos	Description	INR List Price
3004-614	4CHR 2CM x 100M REEL	7020

Grade 4CHR **HSN Code: 48054000 | GST: 12%**

Cat. Nos	Description	INR List Price
3004-917	GR 4CHR 46x57CM 100/PK	47730

Grade 17CHR **HSN Code: 48232000 | GST: 18%**

Cat. Nos	Description	INR List Price
3017-8793	GR 17CHR 2.5x22CM 100/PK	19650
3017-820	GR 17CHR 7x9CM 100/PK	17730
3017-621	GR 17CHR 2.5CMx30M	17730

Grade 17CHR **HSN Code: 48054000 | GST: 12%**

Cat. Nos	Description	INR List Price
3017-915	GR 17CHR 46x57CM 25/PK	59030
3017-917	GR 17CHR 46x57CM 100/PK	209030

Grade 20CHR **HSN Code: 48054000 | GST: 12%**

Cat. Nos	Description	INR List Price
3020-917	GR 20CHR 46x57CM 100/PK	94510

Grade 31ETCHR

HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price
3031-901	31ET CHR 2 x 5CM 1000/PK	37730
3031-681	31ET CHR 15CMx100M 1RL/PK	50200

Grade 31ETCHR

HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR List Price
3031-915	31ET CHR 46 x 57CM 25/PK	42390

Grade 54SFCCHR

HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price
3454-651	GR 54SFC 1.5INx300FT RL	34220

Grade 2668CHR

HSN Code: 48054000 | GST: 12%

Cat. Nos	Description	INR List Price
10382461	2668 58x60CM 100/PK	165030

Grade 2727CHR

HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price
10382514	2727 185MM 100/PK	75380
10382581	2727 190x190MM 100/PK	129630

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** HSN Code: 48115990 | GST: 18%

Cat. Nos	Description	INR List Price
2300-594	BENCHKOTE PAD 46X57CM 50/PK	30290
2300-599	BENCHKOTE PADS 460X570MM 50 PK/PAD	11140
2300-916	BENCHKOTE SHEET 46x57CM 50/PK	7820
2300-917	BENCHKOTE SHEET 46x57CM 100/PK	13520
2300-731	BENCHKOTE 46CMX50M FILTER REEL	14620
2300-772	BENCHKOTE 92CMX50M FILTER REEL	48740

Benchkote sheet for ÄKTA pure™ HSN Code: 48115990 | GST: 18%

Cat. Nos	Description	INR List Price
2300-10060	Benchkote sheet for ÄKTA pure 10/PK	3630
2300-10061	Benchkote sheet for ÄKTA pure 25/pk	5230
2300-10062	Benchkote sheet for ÄKTA pure 50/pk	7840

Benchkote sheet for ÄKTA start™ HSN Code: 48115990 | GST: 18%

Cat. Nos	Description	INR List Price
2300-10063	Benchkote sheet for ÄKTA start 10pk	2400
2300-10064	Benchkote sheet for ÄKTA start 25/pk	3270
2300-10065	Benchkote sheet for ÄKTA start 50/pk	4790

Benchkote sheet for ÄKTA avant HSN Code: 48115990 | GST: 18%

Cat. Nos	Description	INR List Price
2300-10072	Benchkote sheet for ÄKTA avant 10/PK	5440
2300-10073	Benchkote sheet for ÄKTA avant 25/PK	8710
2300-10074	Benchkote sheet for ÄKTA avant 50/PK	15240

Benchkote sheet for ÄKTA go™ HSN Code: 48115990 | GST: 18%

Cat. Nos	Description	INR List Price
2300-10092	Benchkote sheet for ÄKTA go 10/PK	2970
2300-10093	Benchkote sheet for ÄKTA go 25/PK	4250
2300-10094	Benchkote sheet for ÄKTA go 50/PK	6590

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

Parchment paper

Features and benefits

- Transparent and smooth
- Simplifies sample transfer
- Quantitative transfer from paper



Kjeldahl analysis weighing boat

Weighing Boat

HSN Code: 48239090 | GST: 18%

Cat. Nos	Description	INR List Price
10313032	609 KJELDAHL 55x10x10MM 100/PK	26650

Weighing Paper

HSN Code: 48239090 | GST: 18%

Cat. Nos	Description	INR List Price
10347893	2122 100x100MM 500/PK	14620
10347890	2122 150x150MM 500/PK	28320
10347671	B2 76x76MM 500/PK	8470
10347672	B2 101.6x101.6MM 500/PK	8530
10347673	B2 152.4x152.4MM 500/PK	8610
10347670	B2 304.8x304.8MM 500/PK	22380

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 separators

HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price
2200-070	1PS 7.0CM 100/PK	8250
2200-090	1PS 9.0CM 100/PK	7180
2200-110	1PS 11.0CM 100/PK	11170
2200-125	1PS 12.5CM 100/PK	9400
2200-150	1PS 15CM 100/PK	17760
2200-185	1PS 18.5CM 100/PK	27460
2200-240	1PS 24CM 100/PK	41070
2200-270	1PS 27CM 100/PK	55090



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		HSN Code: 48189000 GST: 18%
Cat. Nos	Description	INR List Price
2105-841	105 10x15CM 25x25/PK LENTISSUE	10170
2105-862	105 20x30CM 100/PK LENTISSUE	3470
2105-918	105 46x57CM 500/PK LENTISSUE	40580



Lens cleaning tissue

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 and test papers

HSN Code: 38220090 | GST: 18%

Cat. Nos	Description	INR List Price
2613-991	PH IND pH 0-14 6x80MM 100/PK	3560
2614-991	PH IND pH 4.5-10 6X80MM 100/PK	3510
2612-990	PH IND pH 1-12 11x100MM 200/PK	6370
2626-990	PH IND pH1.8-3.8 11x100MM200PK	5160
2627-990	PH IND pH3.8-5.5 11x100MM200PK	5160
2628-990	PH IND pH5.2-6.8 11x100MM200PK	5160
2629-990	PH IND pH6-8.1 11x100MM 200/PK	4800
2630-990	PH IND pH8-9.7 11x100MM 200/PK	5160
2631-990	PH IND pH9.5-12 11x100MM 200PK	5360
2611-628	PH IND pH 1-11 10MMx5M 1/RL	4430
2600-100A	PH IND pH 1-14 7MMx5M 1/RL	1820
2600-101A	PH IND pH 0.5-5.5 7MMx5M 1/RL	2770
2600-102A	PH IND pH 4-7 7MMx5M 1/RL	2770
2600-103A	PH IND pH 6.4-8 7MMx5M 1/RL	2770
2600-104A	PH IND pH 8-10 7MMx5M 1/RL	2770
2600-500	PH IND pH 1-11 10x10/PK	16800
2600-201A	LITMUS PAPER BLUE 7MMx5M 1/RL	2770
2600-202A	LITMUS PAPER RED 7MMx5M 1/RL	2770
2600-204A	PHENOLPHALEIN 7MMX5M 1/RL	2670
2600-601	LITMUS PAPER BLUE 10x20/PK	11630
2600-602	LITMUS PAPER RED 10x20/PK	11630

pH Indicator and test papers

HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price
10362000	PANPH PLUS 6x85MM 100/PK 0-14	4260
10362010	PANPEHA PLUS 6x85MM 100/PK 2-9	4440
10362030	PANPEHA 7MMx5M 1/PK PH1-11	3560

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	12290

Ashless Clippings HSN Code: 48232000 | GST: 18%

Cat. Nos	Description	INR List Price
1703-050	ASHLESS CLIPPINGS 500g/PK	8490

Antibiotic assay discs HSN Code: 48239090 | GST: 18%

Cat. Nos	Description	INR List Price
2017-006	AA DISCS 6MM/1000/PK	13430
2017-009	AA DISCS 9MM 1000/PK	49780
2017-013	AA DISCS 13MM 1000/PK	22760

Moisture test HSN Code: 70199090 | GST: 18%

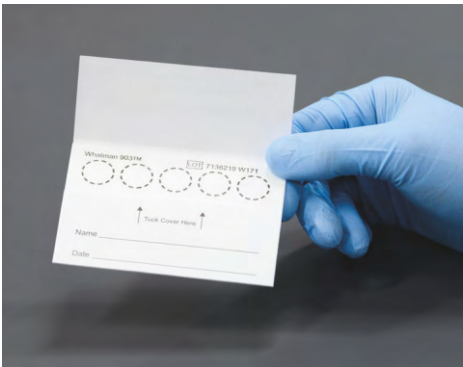
Cat. Nos	Description	INR List Price
5401-090E	MOISTURE TEST 90MM 100/PK	14240

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

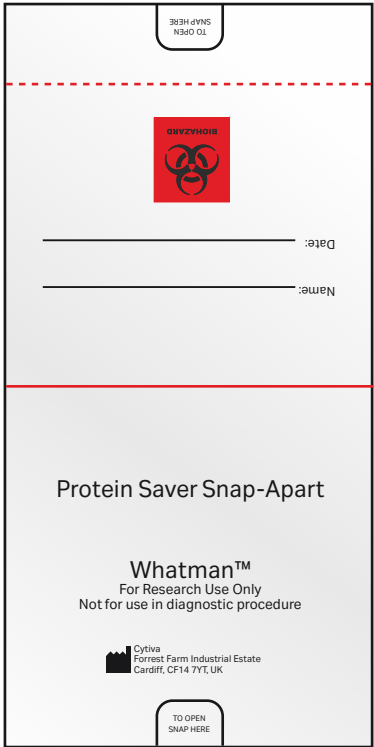
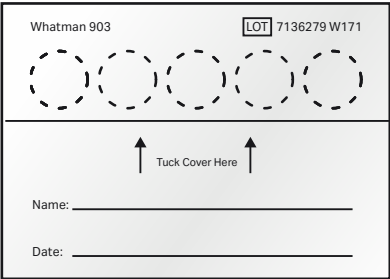


Whatman 903 Proteinsaver Card

Whatman 903 Proteinsaver cards

Whatman 903		HSN Code: 48239090 GST: 18%
Cat. Nos	Description	INR List Price
10534612	903 PROTEINSAVER US 100/PK	22260
10531018	903 PROTSAYER 5 SPOT 100/PK	23730
10534320	PROTEINSAVER SNAP APART 100PK	23800

Accessories		HSN Code: 39269099 GST: 18%
Cat. Nos	Description	INR List Price
10539521	DRYING RACK WITH VELCRO 10/PK	8790
10548232	PLASTIC ZIPLOCK BAG 100/PK	3990
10534321	Foil Ziplock Biohazard Bag	6590



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	217380

SENTINO PUMP ACCESSORIES		HSN Code: 39173300 GST: 18%
Cat No.	Description	INR List Price
4861	Sentino pump Mfml fluid path gam 10pk	20910

SENTINO PUMP ACCESSORIES		HSN Code: 39173290 GST: 18%
Cat No.	Description	INR List Price
4285	Tubing, Sentino Mag Funnel 10/pk	14120

SENTINO PUMP ACCESSORIES		HSN Code: 84219900 GST: 18%
Cat No.	Description	INR List Price
4283	Sentino Pump Magfun adapter 1pk	8160
4872	Sentino Funnel Pump Adpt	26560



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 PUMP FILTER FUNNELS

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
4271	Sentino Magfun 150ml Polyphensulph 1pk	25830
4273	Sentino Magfun 300ml Polyphensulph 1pk	28630
4277	Sentino Magfun 500ml Polyphensulph 1pk	36330
4279	SentinoMagfun47mm base w/supscrn PPS 1pk	21760



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 PUMP FILTER FUNNELS

HSN Code: 39269099 | GST: 18%

Cat No.	Description	INR List Price
4870	Sentino filter funnel 100ml 100pk	14020
4871	Sentino filter funnel 250ml 80pk	21350

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 AND MicroCheck™ Filter Funnels

100 ML STD, INC. OVERPACK OPTIONS ST HSN Code: 39269099 | GST: 18%

Cat No.	Description	INR List Price
4804ME	MFNL 100ML ME25 WGR .45UM GAM BULK 200PK	21290
4803	Mfnl 100ml Supor grid .2um gam 50pk	35630
4750	Mfnl ST 100ml Supor nogrd .45um gam 40pk	34320

300 ML STD, INC. OVERPACK OPTIONS ST HSN Code: 39269099 | GST: 18%

Cat No.	Description	INR List Price
4853	Mfnl ST 300ml Supor nogrd .2um gam 20pk	63470

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	460130



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: 84212900 | GST: 18%

Cat No.	Description	INR List Price
4889	Lab Manifold 3-place SS no adapters 1pk	273840
4890	Lab Manifold Microfunnel adapter 3pk	44960
4891	Lab Manifold Sentino adapter 3pk	83400
4892	Lab Manifold Standard adapter 3pk	68000
4959	Lab Manifold Elongated adapter 3pk	70960
4893	Lab Manifold coupler device 1pk	29670

MANIFOLD ACCESSORIES HSN Code: 39269099 | GST: 18%

Cat No.	Description	INR List Price
4878	Lab Manifold O-Ring kit 1pk	5530

MAGNETIC FUNNELS HSN Code: 39269099 | GST: 18%

Cat No.	Description	INR List Price
4247	Magfun 47mm w/o lid 150ml Polphnslph 1pk	26310
4242-N	Magfun 47mm w/o lid 300ml Polphnslph 1pk	23380
4238	Magfun 47mm 500ml Polyphenylsulphone 1pk	39930



MAGNETIC FUNNELS HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
4241	Magfun 47mm w/lid 300 ml Polphnslph 1pk	23620

MAGNETIC FUNNEL ACCESSORIES HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
4246	Magfun lid kit for 300mL Polphnslph 1pk	7680

MAGNETIC FUNNEL ACCESSORIES HSN Code: 39269099 | GST: 18%

Cat No.	Description	INR List Price
4248	Magfun 47mm top 150ml Polphnslph 1pk	19420

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	11370
51147	Forceps w/ black grips SS 1pk	4840

FILTER FUNNEL MEMBRANES

HSN Code: 39219099 | GST: 18%

Cat No.	Description	INR List Price
66191ME	ME25/21 ST 0.45uM 47MM 2000/PK	158160

Metrical™ Black

HSN Code: 39211900 | GST: 18%

Cat No.	Description	INR List Price
66585	MetBlk grid .45um 47mm gam bulk 200pk	21960
66586	MET BLK 0.45UM 47MM MPES GRID 100/PK	20670
66587	MetBlk grid 0.8um 47mm gam bulk 200pk	21140
66588	MET BLK 0.8UM 47MM MPES GRID 100/PK	17920

PETRI DISHES AND PADS

HSN Code: 39269099 | GST: 18%

Cat No.	Description	INR List Price
7242	Petri 50mm w/o pad 50mm gam 100pk	7350
7245	Petri 50mm w/ pad 50mm gam 100pk	7980

PETRI DISHES AND PADS

HSN Code: 48239090 | GST: 18%

Cat No.	Description	INR List Price
66025	ABSORBENT PAD KIT W/DISP 1000/PK GAMMA	14530



2 ML PLASTIC AMPOULES

HSN Code: 38210000 | GST: 18%

Cat No.	Description	INR List Price
68105	Broth M-FC Total Coliform 2mL plstc 50pk	10670
68106	Broth M-TGE total bact 2mL plastic 50pk	11000

2 ML PLASTIC AMPOULES

HSN Code: 38210000 | GST: 18%

Cat No.	Description	INR List Price
4306-N	Broth Pseudomonas sp. 2 mL plastic 50pk	11410
68107	Broth M-Green YeastMold 2mL plastic 50pk	11280

OTHER FUNNELS

HSN Code: 39269099 | GST: 18%

Cat No.	Description	INR List Price
4203	Filter funnel 25mm 200ml Polysulfone 1pk	22390

47 mm Filter Funnels , Glass

HSN Code: 70172000 | GST: 18%

Cat No.	Description	INR List Price
4013	Filt Assmbly 1L 300ml Funnel 1pk	115270

Accessories and Replacement Parts

HSN Code: 70179090 | GST: 18%

Cat No.	Description	INR List Price
4014-N	Funnel Housing 300ml Glass 1pk	18870

Accessories and Replacement Parts

HSN Code: 70172000 | GST: 18%

Cat No.	Description	INR List Price
4017	Funnel Base 40/35 Joint Glass 1pk	61330

47 mm Pressure Filtration Funnel, SS

HSN Code: 73269099 | GST: 18%

Cat No.	Description	INR List Price
4280	Filter Funnel Pressure 47mm SS 1pk	178760

Analyslide™ Petri Dish

HSN Code: 39269099 | GST: 18%

Cat No.	Description	INR List Price
7231	Analyslide 47mm Polystyrene 100pk	17590

Centrifugal devices

Facilitate pure product with >90% recovery in minutes

08



Scan the QR code
for product details



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 Str Kit

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
FD003K65	Jumbosep Starter Kit 3K OMEGA gray 4/pk	57310
FD010K65	Jumbosep Starter Kit 10K OMEGA blue 4/pk	57310
FD030K65	Jumbosep Starter Kit 30K OMEGA red 4/pk	57310
FD100K65	Jumbosep Starter Kit 100K OMEGA clear 4/pk	56180

Jumbosep Membrane Inserts

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
OD003C65	Jumbosep Memb Insert 3K OMEGA gray 12/pk	57760
OD010C65	Jumbosep Memb Insert 10K OMEGA blue 12/pk	59220
OD300C65	Jumbosep Memb Insert 300K OMEGA orange 12/pk	60150

Macrosep Advanced - Omega Mem

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
MAP001C36	Macrosep Adv OMEGA 1K yellow 6/pk	7860
MAP001C37	Macrosep Adv OMEGA 1K yellow 24/pk	30490
MAP001C38	Macrosep Adv OMEGA 1K yellow 100/pk	139400
MAP003C36	Macrosep Adv OMEGA 3K gray 6/pk	7780
MAP003C37	Macrosep Adv OMEGA 3K gray 24/pk	43630
MAP003C38	Macrosep Adv OMEGA 3K gray 100/pk	159820
MAP010C36	Macrosep Adv OMEGA 10K blue 6/pk	9770
MAP010C37	Macrosep Adv OMEGA 10K blue 24/pk	52960

Macrosep Advance - Omega Mem

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
MAP010C38	Macrosep Adv OMEGA 10K blue 100/pk	183890
MAP030C36	Macrosep Adv OMEGA 30K red 6/pk	10010
MAP030C37	Macrosep Adv OMEGA 30K red 24/pk	43420

Macrosep Advance - Omega Mem

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
MAP030C38	Macrosep Adv OMEGA 30K red 100/pk	116120
MAP100C36	Macrosep Adv OMEGA 100K clear 6/pk	9990
MAP100C37	Macrosep Adv OMEGA 100K clear 24/pk	37500
MAP100C38	Macrosep Adv OMEGA 100K clear 100/pk	216110

Macrosep Advance - Supor Mem

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
MAPM02C67	Macrosep Adv SUPOR 0.2um aqua 24/pk	51380
MAPM02C68	Macrosep Adv SUPOR 0.2um aqua 100/pk	180350
MAPM45C67	Macrosep Adv SUPOR 0.45um wildberry 24/pk	49990
MAPM45C68	Macrosep Adv SUPOR 0.45um wildberry 100/pk	174540

Microsep Advance - Omega Mem

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
MCP001C41	Microsep Adv OMEGA 1K yellow 24/pk	16120
MCP001C46	Microsep Adv OMEGA 1K yellow 100/pk	59000
MCP003C41	Microsep Adv OMEGA 3K gray 24/pk	22650
MCP003C46	Microsep Adv OMEGA 3K gray 100/pk	67250
MCP010C41	Microsep Adv OMEGA 10K blue 24/pk	25180
MCP010C46	Microsep Adv OMEGA 10K blue 100/pk	90900
MCP030C41	Microsep Adv OMEGA 30K red 24/pk	26330
MCP030C46	Microsep Adv OMEGA 30K red 100/pk	79120
MCP100C41	Microsep Adv OMEGA 100K clear 24/pk	24720
MCP100C46	Microsep Adv OMEGA 100K clear 100/pk	86580

Centrifugal devices

Microsep™ Advance - Supor Mem

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
MCPM02C67	Microsep Adv SUPOR 0.2 µm aqua 24/pk	29680
MCPM45C67	Microsep Adv SUPOR 0.45 µm wildberry 24/pk	27730

Nanosep™ - Omega Mem

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
OD003C33	Nanosep OMEGA 3K gray 24/pk	22760
OD003C34	Nanosep OMEGA 3K gray 100/pk	65510
OD003C35	Nanosep OMEGA 3K gray 500/pk	196980
OD010C33	Nanosep OMEGA 10K blue 24/pk	17510
OD010C34	Nanosep OMEGA 10K blue 100/pk	56110
OD010C35	Nanosep OMEGA 10K blue 500/pk	317820
OD030C33	Nanosep OMEGA 30K red 24/pk	16430
OD030C34	Nanosep OMEGA 30K red 100/pk	56610
OD030C35	Nanosep OMEGA 30K red 500/pk	230460
OD100C33	Nanosep OMEGA 100K clear 24/pk	14160
OD100C34	Nanosep OMEGA 100K clear 100/pk	69820
OD300C33	Nanosep OMEGA 300K orange 24/pk	17460
OD300C34	Nanosep OMEGA 300K orange 100/pk	40290

Nanosep MF - Bio-Inert™ Mem

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
ODM02C33	Nanosep Bio-Inert Nyl 0.2 µm aqua 24/pk	10520
ODM02C34	Nanosep Bio-Inert Nyl 0.2 µm aqua 100/pk	39240
ODM02C35	Nanosep Bio-Inert Nyl 0.2 µm aqua 500/pk	229360
ODM45C34	Nanosep Bio-Inert Nyl 0.45 µm wildberry 100/pk	61640

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	4480

Nanosep devices for nucleic acid binding

HSN Code: 70199000 | GST: 18%

Cat No.	Description	INR List Price
ODNABC34	Nanosep for NAB Glass fiber 100/pk	19190

Nanosep MF - wwPTFE mem

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
ODPTFE02C34	Nanosep wwPTFE 0.2 µm clear 100/pk	24290
ODPTFE04C34	Nanosep wwPTFE 0.45 µm clear 100/pk	55500

Vivaspin™ sample concentrators

Vivaspin 500

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
28932218	Vivaspin 500, 3 kDa MWCO PES	20020
28932223	Vivaspin 500, 5 kDa MWCO PES	20020
28932225	Vivaspin 500, 10 kDa MWCO PES	20210
28932235	Vivaspin 500, 30 kDa MWCO PES	20210
28932236	Vivaspin 500, 50 kDa MWCO PES	20210
28932237	Vivaspin 500, 100 kDa MWCO PES	20210

Vivaspin 2

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
28932240	Vivaspin 2, 3 kDa MWCO PES	24080
28932247	Vivaspin 2, 10 kDa MWCO PES	24310

Vivaspin 2 HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
28932248	Vivaspin 2, 30 kDa MWCO PES	24080
28932257	Vivaspin 2, 50 kDa MWCO PES	24080
28932258	Vivaspin 2, 100 kDa MWCO PES	24310

Vivaspin 6 HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
28932293	Vivaspin 6, 3 kDa MWCO PES	27270
28932294	Vivaspin 6, 5 kDa MWCO PES	27530
28932296	Vivaspin 6, 10 kDa MWCO PES	27270
28932317	Vivaspin 6, 30 kDa MWCO PES	30030
28932318	Vivaspin 6, 50 kDa MWCO PES	27270
28932319	Vivaspin 6, 100 kDa MWCO PES	27530

Vivaspin 20 HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
28932358	Vivaspin 20, 3 kDa MWCO PES	25530
28932359	Vivaspin 20, 5 kDa MWCO PES	25480
28932360	Vivaspin 20, 10 kDa MWCO PES	25240
28932361	Vivaspin 20, 30 kDa MWCO PES	25240
28932362	Vivaspin 20, 50 kDa MWCO PES	25480

Vivaspin 20 HSN Code: 70199000 | GST: 18%

Cat No.	Description	INR List Price
28932363	Vivaspin 20, 100 kDa MWCO PES	25240

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

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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 - Supor™ Membrane **HSN Code: 84212900 | GST: 18%**

Cat No.	Description	INR List Price
12202	Acropak 20 SUPOR .8/.2um 3pk	12210
12203	Acropak 20 SUPOR .8/.2um gam HB 3pk	16520

AcroPak 20 - Supor EKV Membrane **HSN Code: 84212900 | GST: 18%**

Cat No.	Description	INR List Price
12246	Acropak 20 SUPOR EKV .2um HB 3pk	11310
12247	Acropak 20 SUPOR EKV.2um gam HB 3pk	15170

AcroPak 200 - Supor Membrane **HSN Code: 84212900 | GST: 18%**

Cat No.	Description	INR List Price
12941	Acropak 200 SUPOR .8/.2um gam HB 3pk	34560

AcroPak 200 - Fluorodyne II **HSN Code: 84212900 | GST: 18%**

Cat No.	Description	INR List Price
12069	Acropak 200 FLUORODYNE II .2um gam 3pk	33730

AcroPak 200 - Supor EKV Membrane **HSN Code: 84212900 | GST: 18%**

Cat No.	Description	INR List Price
12094	Acropak 200 SUPOR EKV .2um gam HB 3pk	30620

AcroPak 300 - PTFE Membrane **HSN Code: 84213990 | GST: 18%**

Cat No.	Description	INR List Price
12082	Acropak 300 PTFE .2um HB 3pk	27540

AcroPak 500 - Supor Membrane **HSN Code: 84212900 | GST: 18%**

Cat No.	Description	INR List Price
12991	Acropak 500 SUPOR .8/.2um gam HB 1pk	19640
12993	Acropak 500 SUPOR .8/.45um gam HB 1pk	10750
12995	Acropak 500 SUPOR .2/.2um gam HB 1pk	17970
12997	Acropak 500 SUPOR .1/.1um gam HB 1pk	25830

AcroPak 1000 - Supor Membrane **HSN Code: 84212900 | GST: 18%**

Cat No.	Description	INR List Price
12992	Acropak 1000 SUPOR .8/.2um gam HB 1pk	22420
12994	Acropak 1000 SUPOR .8/.45um gam HB 1pk	23690
12996	Acropak 1000 SUPOR .2/.2um gam HB 1pk	41840

AcroPak 1500 - Supor Membrane **HSN Code: 84212900 | GST: 18%**

Cat No.	Description	INR List Price
12675	Acropak 1500 SUPOR .8/.2um gam HB 1pk	34230

Filter plates

Multi-well filter plates to fit your application needs

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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

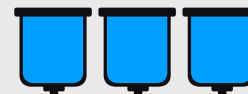
Provides consistency in filtration times.
Efficient sample and bead recovery

Smooth top surface and textured window

For easy labeling of individual wells or the complete filter plate

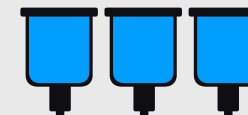
Optimized outlet tips

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



Vacuum Manifold

HSN Code: 84818090 | GST: 18%

Cat No.	Description	INR List Price
5017	Multiwell plate manifold 1pk	252450

Vacuum Manifold Accessories

HSN Code: 82041110 | GST: 18%

Cat No.	Description	INR List Price
5016	Multiwell manifold accessory kit 1pk	8760

Vacuum Manifold Accessories

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
5014-N	Multiwell Spacer Block 1ml 1pk	29320

Filter Plates

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
97026	AcroPrep 24 depth/EKV 0.65/0.2um 8pk	54860
97035	Acroprep 24 SUPOR 1.2um 8pk	49510
97036	Acroprep 24 SUPOR 1.2um 2pk	15180
97049	Acroprep 24 OMEGA 1k 8pk	91640
97053	Acroprep 24 OMEGA 10k 8pk	66500
97055	Acroprep 24 OMEGA 30k 8pk	73530
97058	Acroprep 24 OMEGA 50k 2pk	23700
8029	Acroprep ADV 96 350ul Supor 0.45um 10pk	35900
8034	Acroprep ADV 96 350ml Omega 10k 10pk	49940
8036	Acroprep ADV 96 350ul Omega 100k 10pk	92260
8049	Acroprep ADV 96 350ul Supor 1.2um 10pk	44410
8019	Acroprep ADV 96 350ul Supor 0.2um 10pk	24620

Filter Plates

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
8119	Acroprep ADV 96 1ml Supor 0.2um 5pk	26690
8133	Acroprep ADV 96 1ml NAB 5pk	35890
8231	Acroprep ADV 96 2ml GLS FIBR 1.0um 5pk	17080
8248	PREPADV 2ML .45UM PTFE ST 5/PK	19880
8584	ACROADV 350UL 0.45UM wwPTFE 10/PK	51540
8686	ACROADV 1ML 0.2UM wwPTFE LT 5/PK	17250

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 - PTFE Membrane		HSN Code: 84213990 GST: 18%
Cat No.	Description	INR List Price
4464	AcroVent 37mm PTFE .2um HB 24pk	25030



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 - PTFE Membrane		HSN Code: 84213990 GST: 18%
Cat No.	Description	INR List Price
4251	Acro Vent 50mm PTFE .2um HB 18pk	18770



Acro 50 Vent - PTFE Membrane		HSN Code: 84213990 GST: 18%
Cat No.	Description	INR List Price
4400	Acro Vent 50mm PTFE .2um MNPT 18pk	35550

VacuShield™ Vent		HSN Code: 84213990 GST: 18%
Cat No.	Description	INR List Price
4402	VacuShield Vent 50mm PTFE .2um 3pk	7650

Integrity Test Kit		HSN Code: 90262000 GST: 18%
Cat No.	Description	INR List Price
4252	Integrity Test Kit for Vent Devices 1pk	20270

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 Vacuum Filtration Devices

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
4632	VacuCap 60mm SUPOR .2um gam 10pk	24500
4638	VacuCap PF 60mm SUPOR .8/.2um gam 10pk	27970
4622	VacuCap 90mm SUPOR .2um gam 10pk	20820
4624	VacuCap 90mm SUPOR .45um gam 10pk	41760
4628	VacuCap PF 90mm SUPOR .8/.2um gam 10pk	24070
TA4622	Vacucap 90 TA SUPOR .2um gam 10pk	22750

VacuCap Accessory

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
4623	VacuCap Feedline Kit 1pk	9880

AcroCap Positive Pressure Devices

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
4480	AcroCap SUPOR .2um gam 10pk	14260



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	30070

SolVac Accessories		HSN Code: 39269099 GST: 18%
Cat No.	Description	INR List Price
4023-N	Seal Gasket Kit F/4020 10pk	4430
4025-N	Membrane Seal Gasket Kit F/4020 1pk	4560



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	20050

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	3190

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	6940

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	16370
61631	A/E Glass Fiber Filter, 47 mm 100/pk	5370
61632	A/E Glass Fiber Filter, 50 mm 100/pk	9700

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

Cat No.	Description	INR List Price
61663	A/E Glass Fibre Filter 76mm 100pk	8470
60010	A/E Glass Disk Filter, 81 mm 100/pk	10310
61638	A/E Glass Fibre Sheet, 8x10 In 100pk	68110

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

Cat No.	Description	INR List Price
GFAE025100	Glass fiber Disc filter, 25mm,100/pk	2910
GFAE047100	Glass fiber Disc filter,47mm, 100/pk	2790
GFAE081100	Glass fiber Disc filter, 81 mm, 100/pk	8160

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

Cat No.	Description	INR List Price
66468	GLA-5000,5UM,47MM 100/PK	21290
66469	Disc 37mm GLA-5000 w-out pads 5um 100pk	44110

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	30580
60310	Disc 47mm SUPOR .1um 100pk	15930

Supor 200 Mem Disc Filters, 0.2 µm HSN Code: 39211900 | GST: 18%

Cat No.	Description	INR List Price
60298	Disc 13mm SUPOR .2um 100pk	12820
66234	Supor200 0.2um Grid 47mm 200pk gam	20340
66549	Disc 142mm SUPOR PES .2um 25pk	48680

Supor PES Disc Filter HSN Code: 39211900 | GST: 18%

Cat No.	Description	INR List Price
603011	Supor PES Disc Filter 47mm 0.2um 100pk	9800
603071	Supor PES Disc Filter 293mm 0.2um 25pk	22400

Supor 450 Mem Disc Filters, 0.45 µm HSN Code: 39211900 | GST: 18%

Cat No.	Description	INR List Price
61854	Disc 47mm SUPOR .45um Grid 100pk	38160

Supor 800 Mem Disc Filters, 0.8 µm HSN Code: 39211900 | GST: 18%

Cat No.	Description	INR List Price
60109	Disc 25mm SUPOR .8um 100pk	25680
60110	Disc 47mm SUPOR .8um 100pk	21210
66555	Disc 142mm SUPOR .8um 25pk	48680
60116	Disc 293mm SUPOR .8um W/TAB 25pk	61380

Disc and membrane

Nylaflor Mem Disc Filters HSN Code: 39211900 | GST: 18%

Cat No.	Description	INR List Price
66602	Disc 47mm NYLON .2um 100pk	31320
66608	Disc 47mm NYLON .45um 100pk	41100

Nylaflor Mem Disc Filters, 0.45 µm HSN Code: 39211900 | GST: 18%

Cat No.	Description	INR List Price
NR013100I	Ultipor Nylon Filter Disc 13mm 100pk	4160
NR025100I	Ultipor Nylon Filter Disc 25mm 100pk	4470
NR047100I	Ultipor Nylon Filter Disc 47mm 100pk	5300
NX013100I	Ultipor Nylon Filter Disc 13mm 100pk	4160
NX025100I	Ultipor Nylon Filter Disc 25mm 100pk	4470
NX047100I	Ultipor Nylon Filter Disc 47mm 100pk	5300

wwPTFE mem disc filters, 0.2 µm HSN Code: 39211900 | GST: 18%

Cat No.	Description	INR List Price
60538	Disc 25mm wwPTFE .2um 50pk	13940
60539	Disc 47mm wwPTFE .2um 50pk	22750

wwPTFE mem disc filters, 0.45 µm HSN Code: 39211900 | GST: 18%

Cat No.	Description	INR List Price
60548	Disc 47mm wwPTFE .45um 50pk	25340

Versapore mem disc filters, 3.0 µm HSN Code: 39211900 | GST: 18%

Cat No.	Description	INR List Price
66387	Disc 47mm VERSAPOR 3um 100pk	6980

Versapore mem disc filters, 0.8 µm HSN Code: 39211900 | GST: 18%

Cat No.	Description	INR List Price
66400	Disc Versapor 25mm 0.8um 100pk	3620

Versapore mem disc filters, 1.2 µm HSN Code: 39211900 | GST: 18%

Cat No.	Description	INR List Price
66394	Disc 47mm VERSAPOR 1.2um 100pk	39160

Versapore mem disc filters, 0.45 µm HSN Code: 39211900 | GST: 18%

Cat No.	Description	INR List Price
66408	Disc 47mm VERSAPOR .45um 100pk	37970

Teflon Membrane Disc Filters HSN Code: 39211900 | GST: 18%

Cat No.	Description	INR List Price
R2PJ037	Disc 37mm PTFE W/PMP Ring 2um 50pk	98830

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 - Supor, Sterile		HSN Code: 84212900 GST: 18%
Cat No.	Description	INR List Price
4602	Acrodisc 13mm SUPOR 0.2um gam 75pk	15650
4604	Acrodisc 13mm SUPOR 0.45um gam 75pk	22250
4608	Acrodisc 13mm SUPOR 0.8um gam 75pk	41480
4611	Acrodisc 25mm SUPOR 0.1um gam 50pk	8400
4612	Acrodisc 25mm SUPOR 0.2um gam 50pk	5720
4614	Acrodisc 25mm SUPOR 0.45um gam 50pk	5760
4618	Acrodisc 25mm SUPOR 0.8um gam 50pk	12120
4651	Acrodisc 32mm SUPOR 0.1um gam 50pk	23190
4652	Acrodisc 32mm SUPOR 0.2um gam 50pk	8690
4654	Acrodisc 32mm SUPOR 0.45um gam 50pk	12760
4656	Acrodisc 32mm SUPOR 1.2um gam 50pk	17570
4650	Acrodisc 32mm SUPOR 5um gam 50pk	19220

Acrodisc™ syringe filter - wwPTFE mem

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
2400	Acrodisc 13mm wwPTFE MINI 0.2um 300pk	101390
2402	Acrodisc 13mm wwPTFE MINI 0.45um 300pk	181990
2400TC	Acrodisc 13mm wwPTFE Mini w/ 0.2um 100pk	34160
2402TC	Acrodisc 13mm wwPTFE Mini w/0.45um 100pk	30800
4914	Acrodisc 25mm wwPTFE 0.45um 200pk	58830
4927	Acrodisc 25mm wwPTFE 0.2um 200pk	56850
4929	Acrodisc 25mm wwPTFE 0.2um 1000pk	352020
4932	Acrodisc 25mm wwPTFE 0.45um 1000pk	182100
4914TC	Acrodisc 25mm wwPTFE 0.45um 50pk	35200
4927TC	Acrodisc 25mm wwPTFE 0.2um 50pk	24280

Acrodisc PF Supor Mem, Sterile

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
4187	Acrodisc 25mm SUPOR 0.8/0.2um gam 50pk	14900
4658	Acrodisc 32mm SUPOR .8/.2um gam 50pk	12340

Acrodisc Syringe Filters - PTFE Mem

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
4423	Acrodisc 13mm PTFE 0.2um 300/100pk	92860
4422	Acrodisc 13mm PTFE 0.45um 300/100pk	90100

Acrodisc Syringe Filters - Nylon Mem

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
4427	Acrodisc 13mm NYLON 0.2um 300/100pk	174170
4426	Acrodisc 13mm NYLON 0.45um 300pk	82820

Acrodisc Syringe Filters - PVDF Mem

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
4450	Acrodisc 13mm PVDF 0.2um MINISPK 300/CS	87830
4452TC	Acrodisc 13mm PVDF Mini w/ 0.45um 100pk	36530
4452	Acrodisc 13mm PVDF 0.45um MINISPK 300/CS	85070

Acrodisc Syringe Filters - Nylon Mem

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
4551	Acrodisc 13mm NYLON MINI 0.45um 300/100pk	96200
4546	Acrodisc 13mm NYLON MINI 0.45um 1000pk	220740

Acrodisc Syringe Filters - PTFE Mem

HSN Code: 84213990 | GST: 18%

Cat No.	Description	INR List Price
4552	Acrodisc 13mm PTFE W/SPIKE 0.2um 300/100pk	102640

Acrodisc Syringe Filters - PTFE Mem

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
4553	Acrodisc 13mm PTFE MINISPK 0.45um 300/100pk100190	

Acrodisc - Versapor Mem, Sterile

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
4199	Acrodisc 25mm VERSAPOR 5um gam 50pk	16130

Acrodisc - PTFE Membrane

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
4225	Acrodisc 25mm PTFE 0.2um 200/50pk	72500

Acrodisc™ - PTFE Membrane HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
4219-N	Acrodisc 25mm PTFE 0.45um 200/50pk	97520
4226	Acrodisc 25mm PTFE 1 um 200/50pk	92670
4501	Acrodisc 25mm PTFE 0.45um 1000pk	183050
4219TC	Acrodisc 25mm PTFE 0.45um 50pk	12730
4225TC	Acrodisc 25mm PTFE 0.2um 50pk	21610
4406TC	Acrodisc 25mm PVDF 0.2um 50pk	16060

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	22410

Acrodisc - Nylon Membrane HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
4436	Acrodisc 25mm NYLON .2um 200pk	54200
4438	Acrodisc 25mm NYLON .45um 200/50pk	75420
4502	Acrodisc 25mm NYLON 0.45um 1000pk	306580
4436TC	Acrodisc 25mm NYLON 0.2um 50pk	17040
4438TC	Acrodisc 25mm NYLON 0.45um 50pk	13160

Acrodisc - Versapor Mem, Non-Sterile HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
4487	Acrodisc 25mm VERSAPOR 0.45um 300/75pk	92460

Acrodisc - PVDF Membrane HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
4406	Acrodisc 25mm PVDF 0.2um 200/50pk	65020
4408	Acrodisc 25mm PVDF 0.45um 200pk	89350

IC (PES) Acrodisc - Supor™ Membrane HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
4583	Acrodisc 25mm SUPOR IC .02um 200pk	79830

Acrodisc - Fluorodyne Membrane HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
4907-N	Acrodisc 25mm FLRDYN II 0.2um 50pk	29020

Aut. Cert. Acrodisc PSF Versapor Mem HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
AP-4189	Acrodisc PSF VERSAPOR 0.8um 200/CS	79450

Aut. Cert. Acrodisc PSF PTFE Mem HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
AP-4219	Acrodisc PSF 25mm PTFE 0.45um 200/50pk	78510
AP-4225	Acrodisc PSF 25mm PTFE 0.2um 200/50pk	93730

Aut. Cert. Acrodisc PSF GxP PTFE Mem HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
AP-4303	Acrodisc PSF 25mm GXF/PTFE 0.45um 200/CS	65230

Aut. Cert. Acrodisc PSF PVDF Mem HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
AP-4408	Acrodisc PSF 25mm PVDF 0.45um 200pk	64820
AP-4500	Acrodisc PSF 25mm PVDF 0.45um 1000pk	217640

Aut. Cert. Acrodisc™ PSF Nylon Mem

HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
AP-4436	Acrodisc PSF 25mm NYLON 0.2um 200/50pk	66180
AP-4438	Acrodisc PSF 25mm NYLON 0.45um 200/50pk	59750
AP-4501	Acrodisc PSF 25mm PTFE 0.45um 1000pk	162560
AP-4549	Acrodisc PSF 25mm GXF/NYLON 0.45um 200/CS	62510
AP-4585	Acrodisc PSF 25mm SUPORIC 0.45um 200/50pk	68670
AP-4910	Acrodisc PSF 25mm wwPTFE 0.2um 200pk	56820
AP-4916	Acrodisc PSF 25mm wwPTFE 0.45um 200pk	50710
AP-4951	Acrodisc PSF 25mm WBC gam 10pk	32310
MSTG25E3	Acrodisc 25mm Mustang E 0.2um gamma 10pk	40460

Aut. Cert. Acrodisc PSF Nylon Mem

HSN Code: 70199000 | GST: 18%

Cat No.	Description	INR List Price
AP-4523	Acrodisc PSF 25mm GLASS 1um 200/50pk	54150
AP-4529	Acrodisc PSF 25mm GF/GLASS 1um 1000pk	286450

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



Emfab™ Filters		HSN Code: 70199000 GST: 18%
Cat No.	Description	INR List Price
7219	Emfab Pallflex TX40 HI20-WW 25mm 100pk	24350
7217	Emfab Pallflex TX40 HI20-WW 37mm 100pk	19600
7221I	Emfab Pallflex TX40 HI20-WW 47mm 100pk	21700
7222I	Emfab Pallflex TX40 HI20-WW 70mm 100pk	27700

TissuQuartz Filters		HSN Code: 70199000 GST: 18%
Cat No.	Description	INR List Price
7200	TissuQuartz Pallflex 25mm 100pk	22790
7201	TissuQuartz Pallflex 37mm 25pk	11220
7202	TissuQuartz Pallflex 47mm 25pk	8260
7204	TissuQuartz Pallflex 8x10IN 25pk	42960

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	817250

Minimate Accessories HSN Code: 84219900 | GST: 18%

Cat No.	Description	INR List Price
97008	Minimate EVO reservoir kit 1pk	94650
97009	Minimate EVO drip tray kit 1pk	163380

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 Caps - Omega Mem HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
OA001C12	Minimate TFF capsule 1k OMEGA 1pk	30370
OA003C12	Minimate TFF capsule 3k OMEGA 1pk	44950
OA005C12	Minimate TFF capsule 5k OMEGA 1pk	29520
OA010C12	Minimate TFF capsule 10k OMEGA 1pk	52200



Minimate TFF Caps - Omega Mem HSN Code: 84212900 | GST: 18%

Cat No.	Description	INR List Price
OA030C12	Minimate TFF capsule 30k OMEGA 1pk	60620
OA050C12	Minimate TFF capsule 50k OMEGA 1pk	31560
OA100C12	Minimate TFF capsule 100k OMEGA 1pk	29660
OA300C12	Minimate TFF capsule 300k OMEGA P 1pk	38150
OA500C12	Minimate TFF capsule 500k OMEGA 1pk	54330
OA990C12	Minimate TFF capsule 1000k OMEGA 1pk	32620

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.



In-Line Filter Holder, Delrin Plastic HSN Code: 84219900 | GST: 18%

Cat No.	Description	INR List Price
1109	Filter Holder Inline 25mm Delrin 6pk	24150
1119	Filter Holder Inline 47mm Polycarb 1pk	19700

In-Line Filter Holder, SS HSN Code: 84219900 | GST: 18%

Cat No.	Description	INR List Price
2220	Filter Holder Inline 47mm SS 1pk	84710

Air Monitoring Cassettes HSN Code: 84213990 | GST: 18%

Cat No.	Description	INR List Price
4339-N	Air Cassette 37mm 3PC unassemble 100pk	35830

Disc Filter Holders, SS HSN Code: 84219900 | GST: 18%

Cat No.	Description	INR List Price
11872	Filter Holder 142mm SS 1pk	816020

Swinney Filter Holder, Plastic HSN Code: 84219900 | GST: 18%

Cat No.	Description	INR List Price
4317-N	Filter Holder Swinney 13mm Plastic 5pk	11790

Easy Pressure Holder, Delrin Plastic HSN Code: 84219900 | GST: 18%

Cat No.	Description	INR List Price
4320-N	Filter Holder Syringe 25mm DELRIN 6pk	26610

Open-Face Filter Holders HSN Code: 84219900 | GST: 18%

Cat No.	Description	INR List Price
4235	Support screen for SS filt fun 47mm 1pk	14980

In-Line Filter Holder HSN Code: 84219900 | GST: 18%

Cat No.	Description	INR List Price
72161	Support Screen 293mm SS F/11873 1pk	170600

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.

**For any queries, contact your local
Lab Filtration representative at the
numbers mentioned below or write to**

supportdesk.india@cytiva.com



Scan the QR code
to see all the Whatman products

For more details, contact your Cytiva
representative or authorized Whatman distributor.



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cytiva.com/whatman

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