



Distributor: CT Enterprises

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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.com



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

Registered office:

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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.

Mita

**Mita
Director, Discovery - South Asia**

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

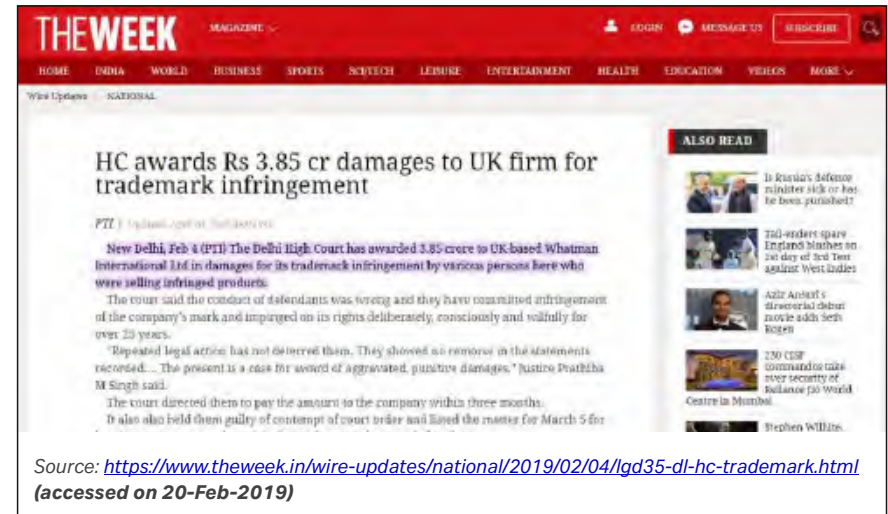
We would like to bring some recent facts to your attention about the Whatman™ registered Trade Mark in India. Whatman range of products have been a preferred choice of filter papers across industry and academia, acquired a very high reputation over time by virtue of its quality.

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.

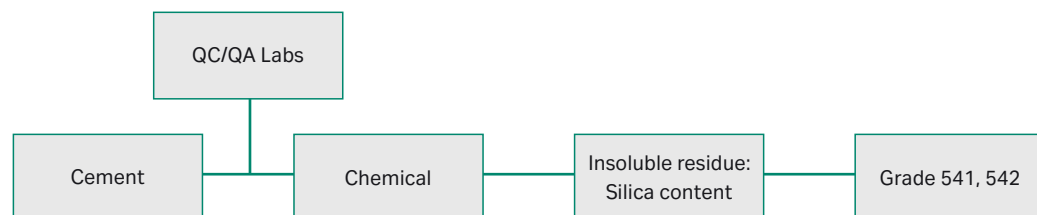
*Danaher Corporation completed acquisition of GE Healthcare Life Sciences, now known as Cytiva.






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

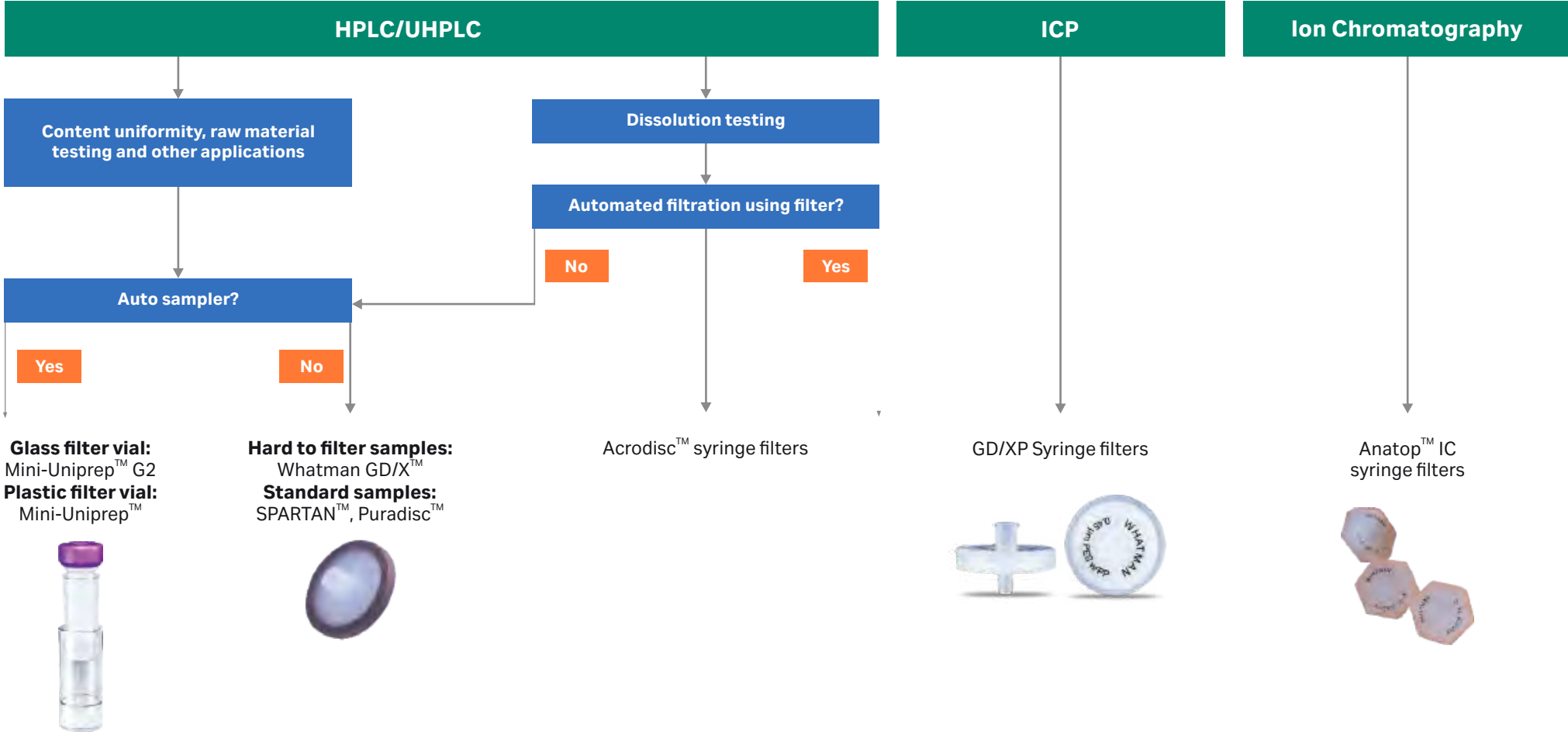
Gravimetric analysis tests for cement applications

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  | <ul style="list-style-type: none"> • Good separation performance with particle retention 8 µm • Low ash content < 0.007%, background interferences |
| So ₃ | Grade 41 Grade 42 Grade 541  | <ul style="list-style-type: none"> • 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  | <ul style="list-style-type: none"> • 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/m ²) | 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.

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Scan the QR code for product details



Cellulose filters

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

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

Cellulose filters, trace element composition

Typical values (µg/g paper)

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



Qualitative filter papers

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

Grade 1 (11 µm*)

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

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

Grade 2 (8 µm*)

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

Grade 3 (6 µm*)

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

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

Grade 4 (25 µm*)

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

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



Grade 4 qualitative filter papers

Qualitative filter papers

Grade 1: 11µm

HSN Code: 48232000 | GST: 18%

| Cat. Nos | Description | INR 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 |

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 |

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 time-consuming 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

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 |

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

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



Filter papers

Cellulose filter papers

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 |

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.



Scan the QR code
for product details



Please contact CT Enterprises for quotation.

Email: sales@ctenterprises.in | Phone: +91 8977721310

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 | 9880 | |
| 1882-866 | EPM-2000 8x10IN 100/PK | 77220 | |

| 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

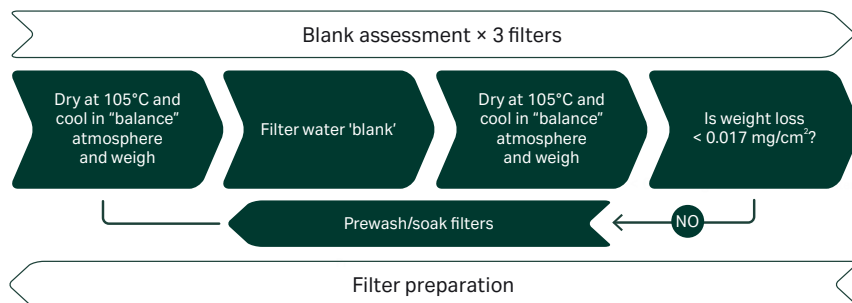
Solids testing, a key measurement in water quality and wastewater analysis, includes testing for total solids (TS), total dissolved solids (TDS), total suspended solids (TSS) and volatile suspended solids (VSS). It can be challenging for a lab staff to maintain accuracy and daily productivity under time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

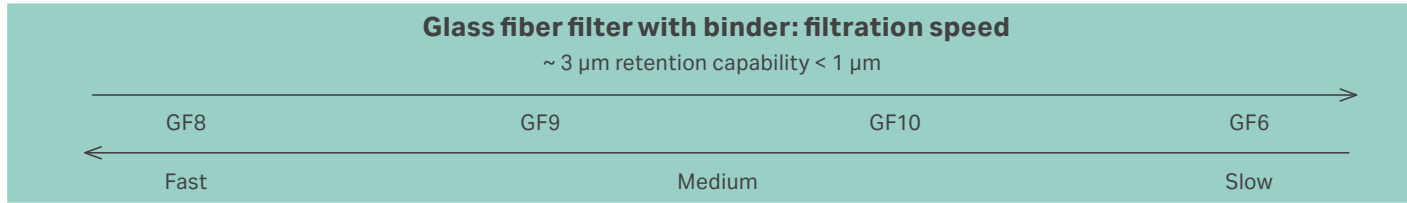


Grade 934 RTU

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 | 27530 |
| 1853-047-50 | QM-H 47MM 50/PK | 39900 |
| 1853-050-50 | QM-H 50MM 50/PK | 35590 |
| 1853-090-50 | QM-H 90MM 50/PK | 112910 |
| 1853-150-50 | QM-H 150MM 50/PK | 203990 |

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.

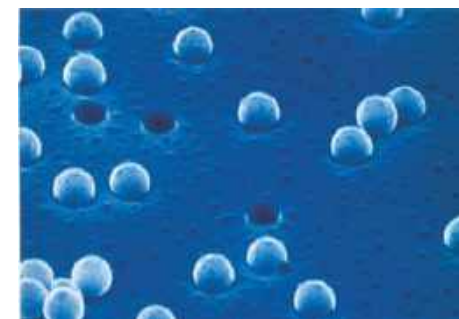
Nuclepore black dyed polycarbonate membranes are high performance membranes suited for applications using epifluorescence microscopy. Black membranes greatly reduce background fluorescence, which results in improved microorganism and particulate visibility.

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

Cyclo-pore

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 |

Nucle-pore

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 |

Nucle-pore

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.

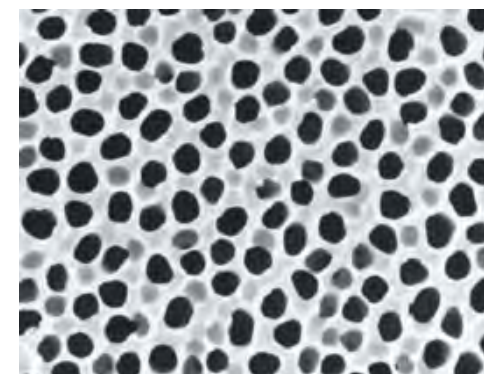
Anopore is available in three nominal pore sizes: 0.02 µm, 0.1 µm and 0.2 µm, and in three diameters: 13 mm, 25 mm, and 47 mm.

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

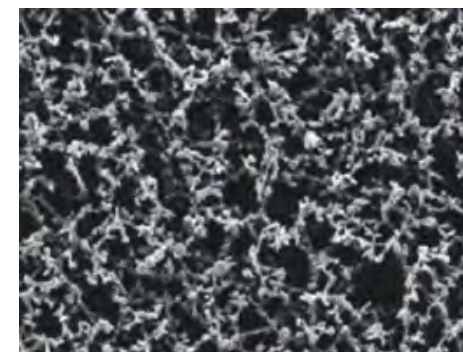
Recommended for most routine applications, this membrane is manufactured under strictly controlled conditions. Whatman nitrocellulose membranes are known for higher strength and flexibility, low extractables and narrow pore size distribution.



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 Sterile

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

Scan the QR code
for product details



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.

04



Scan the QR code for product details



Glass microfiber filter accessories

3-piece filter funnel

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

Functional design

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

Positive filter clamping

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

Simple to clean

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



3-piece filter funnel

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 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.



Syringe type holders

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.



Polysulfone filter holders

Pop-Top and Swin-Lok plastic filter holders

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



Pop-Top and Swin-Lok plastic filter holders

Stainless Steel Filter Holders

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 Holders

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 Holders

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

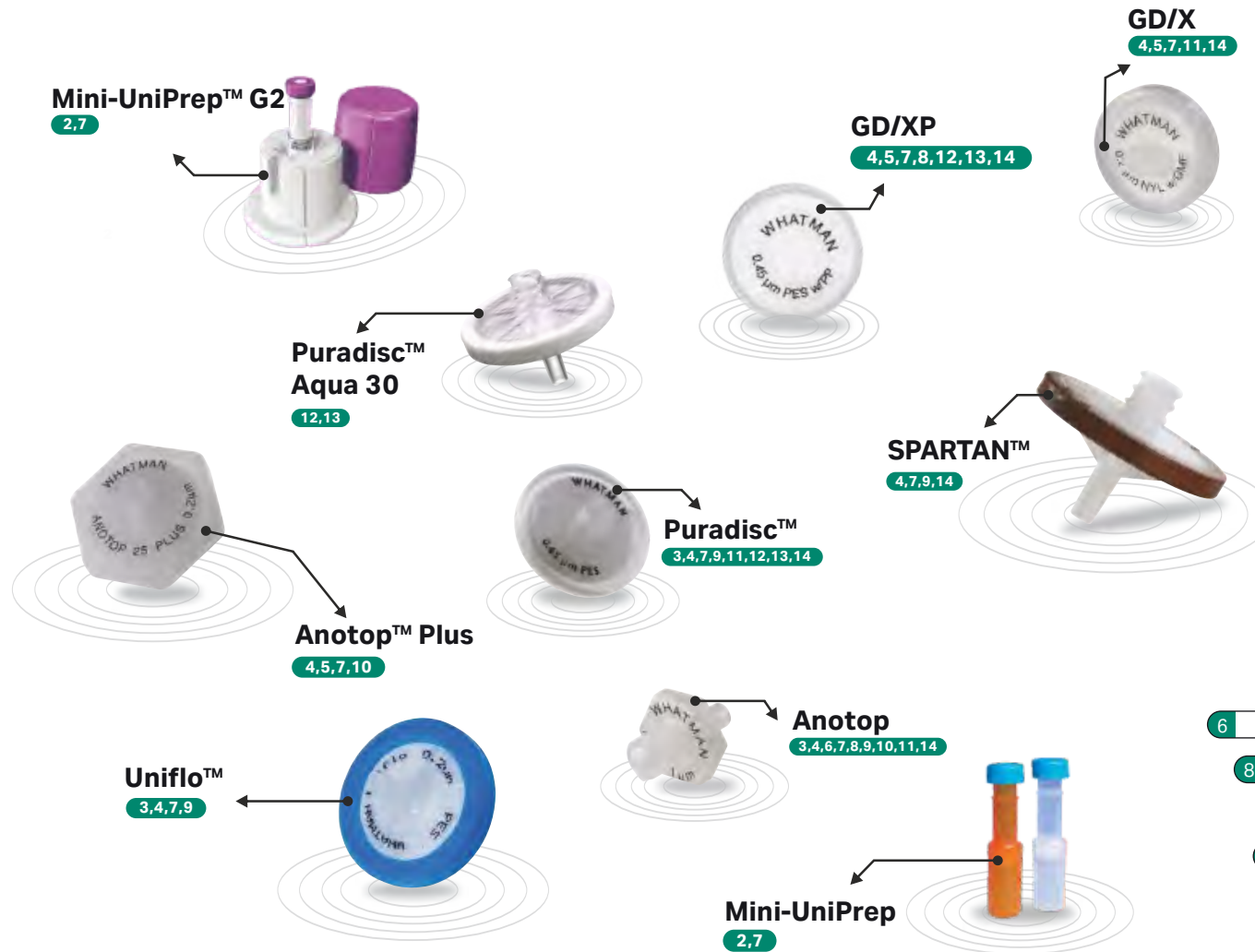
Whatman™ disposable filtration devices are suitable for many types of samples and applications. They are available in a wide variety of membrane choices with polypropylene or polycarbonate housing, and utilize the most advanced construction methods and design features.

05



Filtration devices for small volume sample preparation

Select the optimal Whatman™ filter for your application



Applications

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

Chemical compatibility of membranes

| Solvent | ANP | CA | CN | PC | PE | GMF | NYL | PP | DpPP | PES | H-PTFE | PTFE | PVDF | RC |
|--------------------------|-----|----|----|----|----|-----|-----|----|------|-----|--------|------|------|----|
| Acetic acid, 5% | R | LR | R | R | - | R | R | R | R | R | R | R | R | R |
| Acetic acid, glacial | R | NR | NR | - | - | R | LR | R | R | R | R | R | R | NR |
| Acetone | R | NR | NR | NR | R | R | R | R | R | NR | R | R | NR | R |
| Acetonitrile | R | NR | NR | - | - | R | R | R | R | NR | R | R | R | R |
| Ammonia, 6 | N | NR | NR | NR | LR | LR | R | R | R | R | R | R | LR | LR |
| Amyl acetate | LR | NR | NR | NR | R | R | R | R | R | LR | R | R | LR | R |
| Amyl alcohol | R | LR | LR | - | - | R | R | R | R | NR | R | R | R | R |
| Benzenet | R | R | R | NR | R | R | LR | NR | NR | R | R | R | R | R |
| Benzyl alcohol† | R | LR | LR | LR | R | R | LR | R | R | NR | R | R | R | R |
| Boric acid | R | R | R | R | R | R | LR | R | R | - | - | R | R | R |
| Butyl alcohol | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| Butyl chloridet | - | - | - | - | - | R | NR | NR | NR | - | - | R | R | - |
| Carbon tetrachloridet | R | NR | R | LR | R | R | LR | NR | NR | NR | R | R | R | R |
| Chloroform† | R | NR | R | NR | R | R | NR | LR | LR | NR | R | R | R | R |
| Chlorobenzenet | R | - | LR | NR | - | R | NR | LR | - | NR | - | R | R | R |
| Citric acid | - | - | - | - | - | R | LR | R | - | R | - | R | R | R |
| Cresol | - | NR | R | - | - | R | NR | NR | NR | NR | - | R | NR | R |
| Cyclohexane | R | NR | NR | R | R | R | NR | NR | NR | NR | - | R | R | R |
| Cyclohexanone | R | NR | NR | - | - | R | NR | R | R | NR | R | R | R | R |
| Diethylacetamide | - | NR | NR | - | - | R | R | R | R | - | - | R | NR | R |
| Dimethylformamide | LR | NR | NR | - | - | R | R | R | R | NR | R | R | NR | LR |
| Dioxane | R | NR | NR | NR | R | R | R | R | R | LR | - | R | LR | R |
| DMSO | LR | NR | NR | NR | R | R | R | R | R | NR | R | R | LR | LR |
| Ethanol | R | R | NR | R | R | R | R | R | R | R | - | R | R | R |
| Ethers | R | LR | LR | R | R | R | R | NR | NR | R | R | R | LR | R |
| Ethylacetate | R | NR | NR | NR | R | R | R | R | R | NR | R | R | NR | R |
| Ethylene glycol | R | LR | LR | R | R | R | R | R | R | R | R | R | R | R |
| Formaldehyde‡ | LR | LR | R | R | R | R | R | LR | LR | R | R | R | R | LR |
| Freon TF | R | R | R | R | R | R | NR | NR | NR | R | - | R | R | - |
| Formic acid | - | LR | LR | - | - | R | NR | R | R | R | - | R | R | LR |
| Hexane | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| Hydrochloric acid, conc. | NR | NR | NR | NR | NR | R | NR | LR | LR | R | R | R | R | NR |
| Hydrofluoric acid | - | NR | NR | - | - | NR | NR | LR | LR | - | - | R | R | NR |
| Isobutyl alcohol | R | LR | LR | R | R | R | R | R | R | - | R | R | R | R |
| Isopropyl alcohol | R | R | LR | - | - | R | R | R | R | - | R | R | R | R |
| Methanol | R | R | NR | R | R | R | R | R | R | R | R | R | R | R |
| Methyl ethyl ketone | R | LR | NR | NR | R | R | R | R | R | NR | R | R | NR | R |
| Methylene 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 |
| Toluene† | 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 |
| Trichloroethylene† | R | - | R | - | - | R | NR | LR | LR | NR | R | R | R | R |
| Water | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| 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



Puradisc 13 syringe filters with tube tip



Whatman Puradisc 25 syringe filters



Whatman Puradisc 30 syringe filters

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).

Filtration devices

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 |

Filtration devices

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

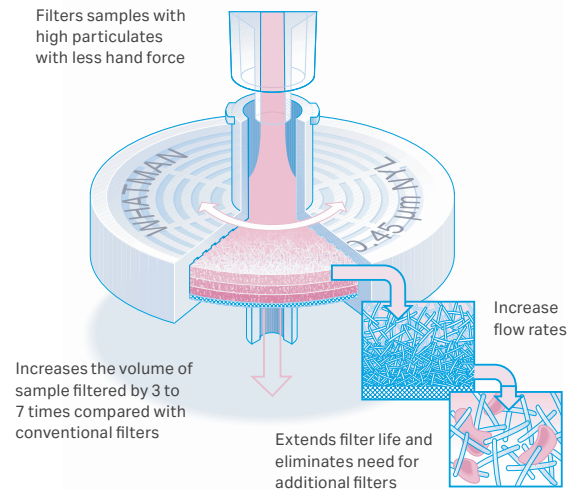
The Whatman™ GD/X range is specifically designed for difficult to filter, high particulate loaded samples. Constructed of a pigment-free polypropylene housing with a prefiltration stack of Whatman GMF 150 (graded density) and GF/F glass microfiber media, these filters remove sample contamination and 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



Filtration devices

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

Filtration devices

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

Sample
(from cell lysis and centrifugation)

Filtration with syringe filter
To remove particles and microorganisms



The sample can be injected into the system



ÄKTA start system



Whatman Protein Prep syringe filter for ÄKTA systems

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

Tips for choosing the right filter

- Use 13 mm diameter filter for sample volumes < 10 mL
- Use 0.2 µm pore size filter if the particle size of the chromatography resin is < 30 µm

Protein prep filters 13mm

HSN Code: 84212900 | GST: 18%

| Cat. Nos | Description | INR 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 |

Please contact CT Enterprises for quotation.
Email: sales@ctenterprises.in | Phone: +91 8977721310

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 0.2uM NYL 100/PK | 22420 |
| UN503NPENYL | MUP 0.2uM NYL 1000/PK | 272360 |
| UN203NPUNYL | MUP 0.45uM NYL 100/PK | 22090 |

| MUP PVDF Translucent | | HSN Code: 84212900 GST: 18% |
|----------------------|-------------------------|-------------------------------|
| Cat. Nos | Description | INR List Price |
| UN203NPEAQU | MUP 0.2uM PVDF 100/PK | 22090 |
| UN503NPEAQU | MUP 0.2uM PVDF 1000/PK | 197380 |
| UN203NPUAQU | MUP 0.45uM PVDF 100/PK | 22250 |
| UN503NPUAQU | MUP 0.45uM PVDF 1000/PK | 197380 |

| MUP PTFE Translucent | | HSN Code: 84212900 GST: 18% |
|----------------------|-------------------------|-------------------------------|
| Cat. Nos | Description | INR List Price |
| UN203NPEORG | MUP 0.2uM PTFE 100/PK | 21500 |
| UN503NPEORG | MUP 0.2uM PTFE 1000/PK | 197380 |
| UN203NPUORG | MUP 0.45uM PTFE 100/PK | 22540 |
| UN503NPUORG | MUP 0.45uM PTFE 1000/PK | 197380 |

| MUP RC Translucent | | HSN Code: 84212900 GST: 18% |
|--------------------|----------------------|-------------------------------|
| Cat. Nos | Description | INR List Price |
| UN203NPERC | MUP 0.2uM RC 100/PK | 24350 |
| UN503NPERC | MUP 0.2uM RC 1000/PK | 211080 |
| UN203NPURC | MUP 0.45uM RC 100/PK | 25310 |

Filtration devices

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 UniPrep filter vials HSN Code: 70199000 | GST: 18%

| Cat. Nos | Description | INR List Price |
|-----------|---------------------|----------------|
| UN113UGMF | UP 0.45uM GMF 50/PK | 24590 |

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 filters

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 150 capsule filters

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 |

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.

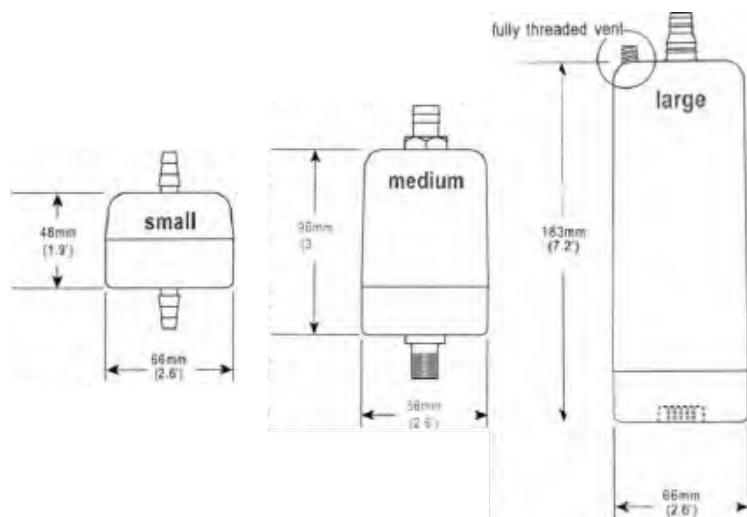
These capsules are available with a variety of end fittings for easy connection in a range of process lines.

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



Carbon Cap

Activated carbon and glass microfiber

Application

3 8 10

11 17

Sample type

A D F



Polycap HD

Polypropylene depth filter

Application

2 5

7 17

Sample type

A B C E

H K L N



Polycap GW

Polyethersulfone membrane

Application

4

Sample type

G



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

Capsule Filters

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

| Cat. Nos | Description | INR 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 | POLYCAP36 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 |

Filtration devices

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 |

Please contact CT Enterprises for quotation.
 Email: sales@ctenterprises.in | Phone: +91 8977721310

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

Whatman™ 903 Proteinsaver cards are non-chemically treated absorbent filter papers for easy, convenient collection and in-vitro storage of blood and other biological fluids. The 903 card can be transported and stored without refrigeration.

Whatman 903 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

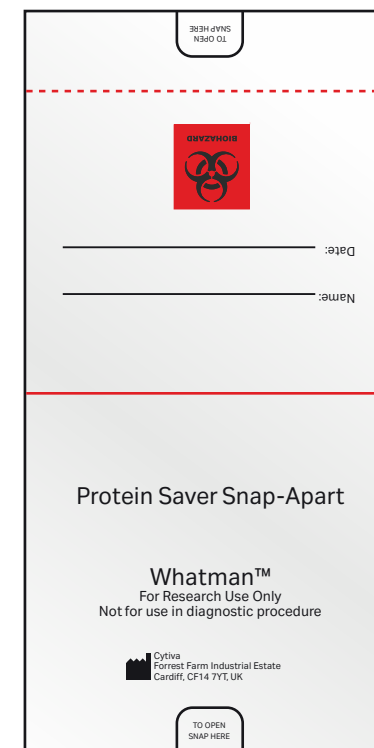
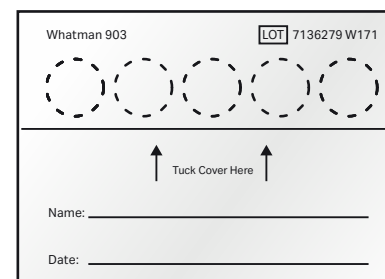


Whatman 903 Proteinsaver Card

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



07



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 | 121290 |
| 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

FORCEPS

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 |

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

10



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

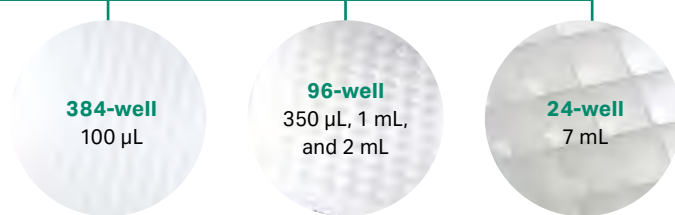


AcroPrep 384-well filter plates

- 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



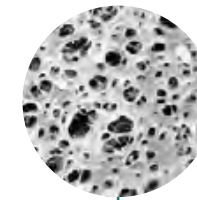
384-well
100 µL

96-well
350 µL, 1 mL,
and 2 mL

24-well
7 mL

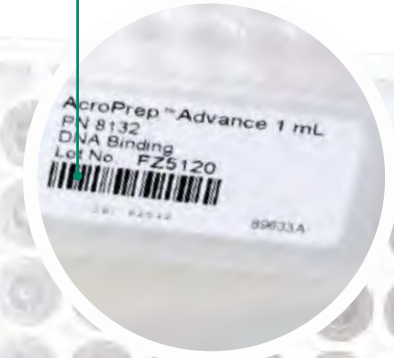
Various filter choices

Specialized membranes and media accommodates a range of applications



Barcode labeling

Facilitates easy sample tracking and identification



Labeled rows

Facilitates easy sample identification

Rigid construction

Prevents plates from flexing or jamming in robotic systems

Smooth well design

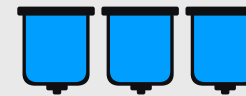
Provides consistency in filtration times. Efficient sample and bead recovery

Smooth top surface and textured window

For easy labeling of individual wells or the complete filter plate

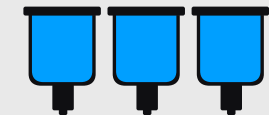
Optimized outlet tips

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



Short outlet tips

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



Long outlet tips

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

Membranes and media

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

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

Membranes for every step of your process

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

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

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

Applications

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



Vaccum Manifold

HSN Code: 84818090 | GST: 18%

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

Vaccum Manifold Accessories

HSN Code: 82041110 | GST: 18%

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

Vaccum 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 |

Please contact CT Enterprises for quotation.
 Email: sales@ctenterprises.in | Phone: +91 8977721310

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 contact CT Enterprises for quotation.
Email: sales@ctenterprises.in | Phone: +91 8977721310

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



Distributor: CT Enterprises

**Please contact CT Enterprises for
quotation.**

Email: sales@ctenterprises.in

Phone: +91 8977721310