



Life Sciences

Sample Prep Filtration Products for UHPLC



Ultra High Performance Liquid Chromatography (UHPLC) sample prep filtration significantly increases column life and improves chromatography

- ▶ **Optimized Performance** – Ideal for UHPLC sample prep and buffer filtration when using column packings < 2 µm.
- ▶ **Versatile Options** – Available in a variety of polymers to provide chemical compatibility with all solutions.
- ▶ **Increased Flow** – GxF multilayer prefilter provides two to four times more throughput than standard glass fiber prefilter devices, allowing quick and easy filtration of your most difficult to filter solutions.
- ▶ **Minimal UV Absorption** – Nylon, GHP, PTFE, and PVDF membranes are HPLC certified to be low in UV absorbing extractables for less interference with chromatographic results.
- ▶ **Low Hold-up** – 13 mm minispikes outlet for lower hold-up volume and easy filtration into autosampler vials without airlock.
- ▶ **Automation Certified** – Acrodisc® PSF is SOTAX♦ and Zymark♦ Automation Certified for consistent and reproducible robotic handling in automated systems.

Applications

These 0.2 µm syringe filters and membranes have been developed for UHPLC sample prep and mobile phase filtration. The 0.2 µm pore size assures removal of the contaminant size most likely to plug a UHPLC column and offers significantly better protection of your analytical results.

Volume to be Filtered	Filter Type
< 10 mL	13 mm Acrodisc Syringe Filter (Minispikes)
< 10 mL	13 mm Acrodisc Syringe Filter
< 125 mL	25 mm Acrodisc PSF Syringe Filter

Filtration. Separation. Solution.SM



Ordering Information

0.2 µm Acrodisc Syringe Filters with GHP Membrane

Part Number	Description	Pkg
4554	13 mm, minispike outlet	100/pkg, 300/cs
4567	13 mm, minispike outlet	1000/pkg
4564	25 mm	50/pkg, 200/cs
4566	25 mm	1000/pkg

0.2 µm Acrodisc PSF Syringe Filters with GHP Membrane

Part Number	Description	Pkg
AP-4364	25 mm, AutoPack™ tubes	25/pkg, 200/cs
AP-4564	25 mm	50/pkg, 200/cs
AP-4566	25 mm	1000/pkg
AP-4305	GxF, 25 mm, AutoPack tubes	25/pkg, 200/cs
AP-4307	GxF, 25 mm	50/pkg, 200/cs
AP-4306	GxF, 25 mm	1000/pk

0.2 µm Acrodisc Syringe Filters with PVDF Membrane

Part Number	Description	Pkg
4450	13 mm, minispike outlet	100/pkg, 300/cs
4544	13 mm, minispike outlet	1000/pkg
4455	13 mm	100/pkg, 300/cs
4406	25 mm	50/pkg, 200/cs
4520	25 mm	1000/pkg

0.2 µm Acrodisc PSF Syringe Filters with PVDF Membrane

Part Number	Description	Pkg
AP-4795	25 mm, AutoPack tubes	25/pkg, 200/cs
AP-4796	25 mm	50/pkg, 200/cs
AP-4797	25 mm	1000/pkg
AP-4792	GxF, 25 mm, AutoPack tubes	25/pkg, 200/cs
AP-4793	GxF, 25 mm	50/pkg, 200/cs
AP-4794	GxF, 25 mm	1000/pkg

0.2 µm Acrodisc Syringe Filters with Nylon Membrane

Part Number	Description	Pkg
4550	13 mm, minispike outlet	100/pkg, 300/cs
4561	13 mm, minispike outlet	1000/pkg
4427	13 mm	100/pkg, 300/cs
4540	13 mm	1000/pkg
4436	25 mm	50/pkg, 200/cs
4522	25 mm	1000/pkg

0.2 µm Acrodisc PSF Syringe Filters with Nylon Membrane

Part Number	Description	Pkg
AP-4437	25 mm, AutoPack tubes	25/pkg, 200/cs
AP-4436	25 mm	50/pkg, 200/cs
AP-4522	25 mm	1000/pkg
AP-4786	GxF, 25 mm, AutoPack tubes	25/pkg, 200/cs
AP-4787	GxF, 25 mm	50/pkg, 200/cs
AP-4788	GxF, 25 mm	1000/pkg

0.2 µm Acrodisc Syringe Filters with PTFE Membrane

Part Number	Description	Pkg
4552	13 mm, minispike outlet	100/pkg, 300/cs
4423	13 mm	100/pkg, 300/cs
4542	13 mm	1000/pkg
4225	25 mm	50/pkg, 200/cs
4521	25 mm	1000/pkg

0.2 µm Acrodisc PSF Syringe Filters with PTFE Membrane

Part Number	Description	Pkg
AP-4520	25 mm, AutoPack tubes	25/pkg, 200/cs
AP-4225	25 mm	50/pkg, 200/cs
AP-4521	25 mm	1000/pkg
AP-4789	GxF, 25 mm, AutoPack tubes	25/pkg, 200/cs
AP-4790	GxF, 25 mm	50/pkg, 200/cs
AP-4791	GxF, 25 mm	1000/pkg

0.2 µm Acrodisc Syringe Filters with Ion Chromatography Membrane

Part Number	Description	Pkg
4483	13 mm	100/pkg, 300/cs
4683	13 mm	1000/pkg
4583	25 mm	50/pkg, 200/cs
4783	25 mm	1000/pkg

0.2 µm Acrodisc PSF Syringe Filters with Ion Chromatography Membrane

Part Number	Description	Pkg
AP-4801	25 mm, AutoPack tubes	25/pkg, 200/cs
AP-4802	25 mm	50/pkg, 200/cs
AP-4803	25 mm	1000/pkg

Inlet/Outlet Connections

13 and 25 mm Acrodisc syringe filters are female luer lock inlet, male slip luer outlet unless otherwise noted.



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Pall Life Sciences

600 South Wagner Road
Ann Arbor, MI 48103-9019 USA

1.800.521.1520 USA and Canada
(+1)800.PALL.LIFE Outside USA and Canada
1.734.665.0651 phone
1.734.913.6114 fax

Visit us on the Web at www.pall.com/lab

E-mail us at LabSupport@pall.com

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