



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, minispikes outlet	300/cs
4567	13 mm, minispikes outlet	1000/pkg
4564	25 mm	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	200/cs
AP-4564	25 mm	200/cs
AP-4566	25 mm	1000/pkg
AP-4305	25 mm, GxP AutoPack tubes	200/cs
AP-4307	25 mm, GxP	200/cs
AP-4306	25 mm, GxP	1000/pkg

0.2 µm Acrodisc Syringe Filters with PVDF Membrane

Part Number	Description	Pkg
4450	13 mm, minispikes outlet	300/cs
4544	13 mm, minispikes outlet	1000/pkg
4455	13 mm	300/cs
4406	25 mm	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	200/cs
AP-4796	25 mm	200/cs
AP-4797	25 mm	1000/pkg
AP-4792	25 mm, GxP	200/cs
AP-4793	25 mm, GxP	200/cs
AP-4794	25 mm, GxP	1000/pkg

0.2 µm Acrodisc Syringe Filters with Nylon Membrane

Part Number	Description	Pkg
4550	13 mm, minispikes outlet	300/cs
4561	13 mm, minispikes outlet	1000/pkg
4427	13 mm	300/cs
4540	13 mm	1000/pkg
4436	25 mm	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	200/cs
AP-4436	25 mm	200/cs
AP-4522	25 mm	1000/pkg
AP-4786	25 mm, GxP/Nylon AutoPack tubes	200/cs
AP-4787	25 mm, GxP/Nylon	200/cs
AP-4788	25 mm, GxP/Nylon	1000/pkg

0.2 µm Acrodisc Syringe Filters with PTFE Membrane

Part Number	Description	Pkg
4552	13 mm, minispikes outlet	300/cs
4423	13 mm	300/cs
4542	13 mm	1000/pkg
4225	25 mm	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	200/cs
AP-4225	25 mm	200/cs
AP-4521	25 mm	1000/pkg
AP-4789	25 mm, GxP AutoPack tubes	200/cs
AP-4790	25 mm, GxP	200/cs
AP-4791	25 mm, GxP	1000/pkg

0.2 µm Acrodisc Syringe Filters with Ion Chromatography Membrane

Part Number	Description	Pkg
4483	13 mm	300/cs
4683	13 mm	1000/pkg
4583	25 mm	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	200/cs
AP-4802	25 mm	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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