



Pall Corporation

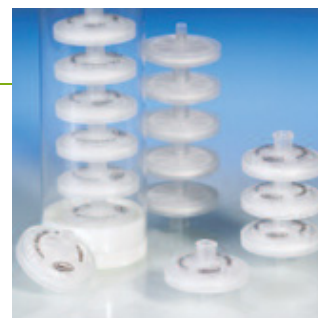
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Acrodisc® Syringe Filters with Supor® Membrane

Description

Universal Life Science Membrane for General Aqueous Samples

- ▶ Acrodisc PSF syringe filters are Zymark* and SOTAX* Automation Certified to assure smooth operation and worry-free performance 24 hours a day in automated workstations
- ▶ Superior flow rates and higher throughputs than competitive devices
- ▶ Low protein binding to minimize sample loss
- ▶ Acrodisc PSF syringe filters feature unique built-in prefilter for increased throughput of difficult-to-filter liquids



**Registered trademark*

Application

- ▶ 25 mm Acrodisc PSF syringe filter is available in robotic-compatible AutoPack™ packaging for SOTAX AT-70 SMART* and CTS and Zymark TPW*, APW*, and MultiDoses dissolution systems
- ▶ Widely used in dissolution testing
- ▶ Larger pore size filters are used for prefiltration and particulate removal.
- ▶ > 0.8 µm pore sizes are excellent for difficult-to-filter dissolution samples

**Registered trademark*

Specifications

Materials of Construction

- ▶ Filter Media: Supor membrane (hydrophilic polyethersulfone)
- ▶ GxF Prefilter: Borosilicate glass
- ▶ Housing:
- ▶ 25 mm PSF: Polypropylene
- ▶ 32 mm: Modified acrylic

Pore Size

- ▶ Supor Membrane: 0.2, 0.45, 1.2, and 5 µm
- ▶ GxF Prefilter: 40 - 1 µm

Effective Filtration Area

- ▶ 25 mm PSF: 3.9 cm²
- ▶ 32 mm: 5.8 cm²

Inlet/Outlet Connections

- ▶ Female luer lock inlet, male slip luer outlet

Typical Hold-Up Volume (with air purge)

- ▶ 25 mm PSF GxF: 200 µL
- ▶ 32 mm: 100 µL

Maximum Operating Temperature

- ▶ 25 mm PSF GxF: 100 °C (212 °F) at 2.1 bar (210 kPa, 30 psi)
- ▶ 32 mm: 55 °C (131 °F)

Maximum Operating Pressure

- ▶ 25 mm PSF GxF: 4.1 bar (410 kPa, 60 psi) at 21 - 24 °C (70 - 75 °F); 2.1 bar (210 kPa, 30 psi) at 100 °C (212 °F)
- ▶ 32 mm: 5.2 bar (520 kPa, 75 psi)

Typical Water Flow Rate

- ▶ mL/min at 2.1 bar (210 kPa, 30 psi) 25 mm PSF, GxF/0.45 µm: 360
- ▶ mL/min at 3.1 bar (310 kPa, 45 psi)
- ▶ 32 mm, 0.2 µm: 490
- ▶ 32 mm, 0.45 µm: 560
- ▶ 32 mm, 0.8/0.2 µm: 440
- ▶ 32 mm, 1.2 µm: 1700
- ▶ 32 mm, 5 µm: 1750

Related Products

- ▶ [Supor PES Membrane Disc Filters](#)
- ▶ [47 mm Filter Funnels, Glass](#)
- ▶ [SolVac Filter Holder](#)
- ▶ [Stainless Steel Forceps](#)
- ▶ [Vacuum/Pressure Pumps](#)

Ordering Information

Part Number	Description	Pkg	Price	Qty
Zymark and SOTAX Automation Certified Acrodisc PSF GxF Syringe Filters With Supor Membrane, 25 mm				
AP-4798	GxF/0.2 µm AutoPack Tubes	25/pkg, 200/cs	NA	<input type="text" value="0"/>
AP-4799	GxF/0.2 µm	50/pkg, 200/cs	NA	<input type="text" value="0"/>
AP-4424	GxF/0.45 µm AutoPack Tubes	25/pkg, 200/cs	NA	<input type="text" value="0"/>
AP-4425	GxF/0.45 µm	50/pkg, 200/cs	NA	<input type="text" value="0"/>
AP-4426	GxF/0.45 µm	1000/pkg	NA	<input type="text" value="0"/>
Acrodisc Syringe Filters With Supor Membrane, 32 mm (Bulk Packaging)				
4655	0.2 µm, modified acrylic housing	1000/pkg	NA	<input type="text" value="0"/>
4659	0.8/0.2 µm, modified acrylic housing	1000/pkg	NA	<input type="text" value="0"/>
4653	0.45 µm, modified acrylic housing	1000/pkg	NA	<input type="text" value="0"/>
4661	1.2/0.45 µm, modified acrylic housing	1000/pkg	NA	<input type="text" value="0"/>
4660	1.2 µm, modified acrylic housing	1000/pkg	NA	<input type="text" value="0"/>
4662	5 µm, modified acrylic housing	1000/pkg	NA	<input type="text" value="0"/>

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