



Acrodisc® Syringe Filters for General Aqueous and Particulate-laden Samples

Description

Variety of Pore Sizes and Membrane Types for Prefiltration and Clarification

- ▶ Meets virtually all aqueous sample filtration needs
- ▶ Widely used in dissolution testing
- ▶ The GxF multi-layered prefilter provides two to four times the throughput of standard glass fiber prefilter devices, allowing for quick and easy filtration of your most difficult-to-filter samples
- ▶ Glass fiber reduces clogging. Use alone or in series with final membrane filter to increase flow rate and throughput
- ▶ Large, 37 mm size filters very dirty samples
- ▶ Provided non-sterile



Application

- ▶ > 0.8 μm pore sizes are excellent for difficult-to-filter dissolution samples
- ▶ Recommended for aqueous samples only
- ▶ For high throughput prefiltration of extremely viscous or particulate-laden samples

Specifications

Materials of Construction

- ▶ Filter Media: Versapor® (hydrophilic acrylic copolymer on a nonwoven support), HT Tuffryn® (hydrophilic polysulfone), and Supor® [hydrophilic polyethersulfone (PES)] membranes, or borosilicate glass fiber
- ▶ 25 and 32 mm Housing: Modified acrylic
- ▶ 13, 25 PSF, and 37 mm Housing: Polypropylene

Membrane Pore Size

- ▶ 0.2, 0.45, 0.8, 1.2, 5, and 10 μm
- ▶ GxF Prefilter: 40 - 1 μm
- ▶ Glass Fiber: 1 μm

Effective Filtration Area

- ▶ 13 mm: 1.0 cm^2
- ▶ 25 mm: 2.8 cm^2
- ▶ 25 mm PSF: 3.9 cm^2
- ▶ 32 mm: 5.8 cm^2
- ▶ 37 mm: 7.5 cm^2

Sample Volume

- ▶ 13 mm: < 10 mL
- ▶ 25 mm: < 100 mL
- ▶ 25 mm PSF: < 150 mL
- ▶ 32 mm: < 175 mL

- ▶ 37 mm: < 200 mL

Inlet/Outlet Connections

- ▶ Female luer lock inlet, male slip luer outlet

Typical Hold-Up Volume(with air purge)

- ▶ 13 mm: < 30 µL
- ▶ 25 mm: < 70 µL
- ▶ 25 mm PSF: < 125 µL
- ▶ 32 mm: < 100 µL
- ▶ 37 mm: < 500 µL

Maximum Operating Temperature

- ▶ 55 °C (131 °F)
- ▶ Glass Fiber: 135 °C (275 °F)

Maximum Operating Pressure

- ▶ 13, 25, 32 mm: 5.2 bar (520 kPa, 75 psi)
- ▶ 25 mm PSF: 4.1 bar (410 kPa, 60 psi) at 21 - 24 °C (70 - 75 °F)

Ordering Information

Part Number	Description	Pkg	Price	Qty
Acrodisc Syringe Filters with Supor® Membrane, Non-sterile				
4692	0.2 µm, 13 mm	1000/pkg	NA	<input type="text" value="0"/>
4668	0.1 µm, 25 mm modified acrylic housing	1000/pkg	NA	<input type="text" value="0"/>
4506	0.2 µm, 25 mm modified acrylic housing	1000/pkg	NA	<input type="text" value="0"/>
4504	0.8/0.2 µm, 25 mm modified acrylic housing	1000/pkg	NA	<input type="text" value="0"/>
4508	0.45 µm, 25 mm modified acrylic housing	1000/pkg	NA	<input type="text" value="0"/>
4509	0.8 µm, 25 mm modified acrylic housing	1000/pkg	NA	<input type="text" value="0"/>
4655	0.2 µm, 32 mm modified acrylic housing	1000/pkg	NA	<input type="text" value="0"/>
4659	0.8/0.2 µm, 32 mm modified acrylic housing	1000/pkg	NA	<input type="text" value="0"/>
4653	0.45 µm, 32 mm modified acrylic housing	1000/pkg	NA	<input type="text" value="0"/>
4661	1.2/0.45 µm, 32 mm modified acrylic housing	1000/pkg	NA	<input type="text" value="0"/>
4660	1.2 µm, 32 mm modified acrylic housing	1000/pkg	NA	<input type="text" value="0"/>
4662	5 µm, 32 mm modified acrylic housing	1000/pkg	NA	<input type="text" value="0"/>
Acrodisc Syringe Filters with HT Tuffryn® Membrane, Non-sterile				
4496	0.2 µm, 25 mm modified acrylic housing	75/pkg 300/cs	NA	<input type="text" value="0"/>
4214	0.2 µm, 25 mm modified acrylic housing	1000/pkg	NA	<input type="text" value="0"/>
4497	0.45 µm, 25 mm modified acrylic housing	75/pkg 300/cs	NA	<input type="text" value="0"/>
4784	0.45 µm, 25 mm modified acrylic housing	1000/pkg	NA	<input type="text" value="0"/>
Acrodisc® Syringe Filters with Versapor® Membrane, Non-sterile				
4473	0.45 µm, 4 mm	75/pkg, 300/cs	NA	<input type="text" value="0"/>
4459	0.8 µm, 13 mm	300/cs	NA	<input type="text" value="0"/>

4487	0.45 µm, 25 mm modified acrylic housing	75/pkg 300/cs	NA	<input type="text" value="0"/>
4189	0.8 µm, 25 mm modified acrylic housing	75/pkg 300/cs	NA	<input type="text" value="0"/>
4568	0.8 µm, 25 mm modified acrylic housing	1000/pkg	NA	<input type="text" value="0"/>
4488	1.2 µm, 25 mm modified acrylic housing	75/pkg 300/cs	NA	<input type="text" value="0"/>
4489	5 µm, 25 mm modified acrylic housing	75/pkg 300/cs	NA	<input type="text" value="0"/>

Acrodisc Syringe Filter with Glass Fiber

4524	1 µm (nominal), 37 mm, polypropylene housing	15/pkg, 60/cs	NA	<input type="text" value="0"/>
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Zymark and SOTAX Automation Certified Acrodisc PSF GxS Syringe Filters

AP-4527	GxS/Glass, 25 mm, polypropylene housing, AutoPack™ tubes	25/pkg 200/cs	NA	<input type="text" value="0"/>
AP-4523	GxS/Glass, 25 mm, polypropylene housing	50/pkg 200/cs	NA	<input type="text" value="0"/>
AP-4529	GxS/Glass, 25 mm, polypropylene housing	1000/pkg	NA	<input type="text" value="0"/>

Zymark and SOTAX Automation Certified Acrodisc PSF Syringe Filters With HT Tuffryn Membrane

AP-4498	0.45 µm, 25 mm, polypropylene housing, AutoPack tubes	25/pkg 200/cs	NA	<input type="text" value="0"/>
AP-4497	0.45 µm, 25 mm, polypropylene housing	50/pkg 200/cs	NA	<input type="text" value="0"/>
AP-4784	0.45 µm, 25 mm, polypropylene housing	1000/pkg	NA	<input type="text" value="0"/>

Zymark and SOTAX Automation Certified Acrodisc PSF GxS Syringe Filters With Supor® Membrane

AP-4798	GxS/0.2 µm, 25 mm, AutoPack Tubes	25/pkg, 200/cs	NA	<input type="text" value="0"/>
AP-4799	GxS/0.2 µm, 25 mm	50/pkg, 200/cs	NA	<input type="text" value="0"/>
AP-4424	GxS/0.45 µm, 25 mm, AutoPack Tubes	25/pkg, 200/cs	NA	<input type="text" value="0"/>
AP-4425	GxS/0.45 µm, 25 mm	50/pkg, 200/cs	NA	<input type="text" value="0"/>
AP-4426	GxS/0.45 µm, 25 mm	1000/pkg	NA	<input type="text" value="0"/>

Zymark and SOTAX Automation Certified Acrodisc PSF Syringe Filters With Versapor Membrane

AP-4190	0.8 µm with Versapor membrane, polypropylene housing, AutoPack tubes	25/pkg 200/cs	NA	<input type="text" value="0"/>
AP-4189	0.8 µm with Versapor membrane, polypropylene housing	50/pkg 200/cs	NA	<input type="text" value="0"/>
AP-4568	0.8 µm with Versapor membrane, polypropylene housing	1000/pkg	NA	<input type="text" value="0"/>
AP-4000	10 µm with Versapor membrane, polypropylene housing, AutoPack tubes	25/pkg 200/cs	NA	<input type="text" value="0"/>
AP-4001	10 µm with Versapor membrane, polypropylene housing	50/pkg 200/cs	NA	<input type="text" value="0"/>
AP-4002	10 µm with Versapor membrane, polypropylene housing	1000/pkg	NA	<input type="text" value="0"/>

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[Map](#)

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