

Acrodisc® Syringe Filters With Glass Fiber

Maximize throughput for hard-to-filter 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.
- ▶ Available with GxF multi-layered glass fiber prefilter, providing two to four times the throughput of standard glass fiber prefilter devices, and allowing quick and easy filtration of your most difficult-to-filter samples.
- ▶ Reduces clogging. Use alone or in series with final membrane filter to increase flow rate and throughput.
- ▶ Ensures broad chemical compatibility with polypropylene housing.

Applications

- ▶ For high throughput prefiltration of particulate-laden samples.
- ▶ Can be used alone or in series with another Acrodisc syringe filter.
- ▶ 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 MultiDose® dissolution systems.
- ▶ Removes particulate that interferes with UV/VIS spectrophotometric analysis.

Specifications

Materials of Construction

Filter Media: Borosilicate glass fiber
Housing: Polypropylene

Pore Size

40 - 1 µm

Effective Filtration Area

3.9 cm²

Sample Volume

< 150 mL

Inlet/Outlet Connections

Female luer lock inlet, male slip luer outlet

Typical Hold-Up Volume

(with air purge)
< 125 µL

Maximum Operating Temperature

82 °C (180 °F) at 2.1 bar (210 kPa, 30 psi)

Maximum Operating Pressure

4.1 bar (410 kPa, 60 psi) at 21 - 24 °C (70 - 75 °F);
2.1 bar (210 kPa, 30 psi) at 82 °C (180 °F)

Typical Water Flow Rate

795 mL/min at 1.0 bar (100 kPa, 15 psi)

Ordering Information

Acrodisc Syringe Filters With Glass Fiber, 25 mm

Part Number	Description	Pkg
4527	1 µm (nominal), AutoPack tubes	25/pkg, 200/cs
4523	1 µm (nominal)	50/pkg, 200/cs
4529	1 µm (nominal)	1000/pkg



Zymark and SOTAX Automation Certified Acrodisc PSF GxF Syringe Filters With Glass Fiber, 25 mm

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AP-4527	GxF/Glass, AutoPack tubes	25/pkg, 200/cs
AP-4523	GxF/Glass	50/pkg, 200/cs
AP-4529	GxF/Glass	1000/pkg

Related Products

47 mm Filter Funnels, Glass	206
HPLC Mobile Phase Filtration Membranes	177
SolVac® Filter Holder	182
Stainless Steel Forceps	230, 280
Vacuum/Pressure Pumps	279