



Pall Corporation

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Acrodisc® Syringe Filters with Versapor® Membrane

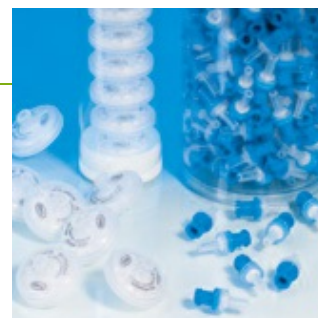
Description

Meets All Prefiltration and Clarification Requirements

- ▶ 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.
- ▶ Meets aqueous sample filtration needs.



**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.
- ▶ Useful for prefiltration of particulate-laden samples, serum filtration, and dissolution testing.
- ▶ Protects instrumentation against particulate build up.

**Registered trademark*

Specifications

Materials of Construction

- ▶ Filter Media: Versapor membrane (acrylic copolymer on a non-woven support)
- ▶ Housing: Polypropylene

Pore Size

- ▶ 0.45, 0.8, and 10 µm

Effective Filtration Area

- ▶ 4 mm: 0.2 cm²
- ▶ 13 mm: 1.0 cm²
- ▶ 25 mm PSF: 3.9 cm²

Inlet/Outlet Connections

- ▶ Female luer lock inlet, male slip luer outlet

Typical Hold-Up Volume

(with air purge)

- ▶ 4 mm: < 7.5 µL
- ▶ 13 mm: < 28 µL
- ▶ 25 mm PSF: < 125 µL

Maximum Operating Temperature

- ▶ 0.8 µm: 55 °C (131 °F) at 2.1 bar (210 kPa, 30 psi)
- ▶ 10 µm: 82 °C (180 °F) at 2.1 bar (210 kPa, 30 psi)

Maximum Operating Pressure

- ▶ 4 and 13 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)

Typical Water Flow Rate

- ▶ mL/min at 3.1 bar (310 kPa, 45 psi)
 - 4 mm, 0.45 µm: 3
 - 13 mm, 0.8 µm: 180
 - 25 mm PSF, 0.8 µm: 905
- ▶ mL/min at 1.0 bar (100 kPa, 15 psi)
 - 25 mm PSF, 10 µm: 1182

Related Products

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

Ordering Information

Part Number	Description	Pkg	Price	Qty
Acrodisc Syringe Filters With Versapor Membrane, 4 and 13 mm				
4473	0.45 µm, 4 mm	250/pkg, 750/cs	NA	<input type="text" value="0"/>
4459	0.8 µm, 13 mm	100/pkg, 300/cs	NA	<input type="text" value="0"/>
Zymark and SOTAX Automation Certified Acrodisc PSF Syringe Filters With Versapor Membrane, 25 mm				
AP-4190	0.8 µm, AutoPack tubes	25/pkg, 200/cs	NA	<input type="text" value="0"/>
AP-4189	0.8 µm	50/pkg, 200/cs	NA	<input type="text" value="0"/>
AP-4568	0.8 µm	1000/pkg	NA	<input type="text" value="0"/>
AP-4000	10 µm, AutoPack tubes	25/pkg, 200/cs	NA	<input type="text" value="0"/>
AP-4001	10 µm	50/pkg, 200/cs	NA	<input type="text" value="0"/>
AP-4002	10 µm	1000/pkg	NA	<input type="text" value="0"/>

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