**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 ºC (70 - 75 ºF)

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

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