

# Acrodisc® Syringe Filters With Versapor® Membrane

Meets all prefiltration and clarification requirements



- ▶ Certified non-pyrogenic and biologically safe.
- ▶ Available in a variety of diameters and pore sizes.

## Applications

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

## Related Products

Versapor Acrylic Copolymer Membrane  
Disc Filters .....113

## Specifications

### Materials of Construction

Filter Media: Versapor membrane  
(acrylic copolymer on a non-woven support)  
4 and 13 mm Housing: Polypropylene  
25 mm Housing: Modified acrylic

### Effective Filtration Area

4 mm: 0.3 cm<sup>2</sup>  
13 mm: 1.0 cm<sup>2</sup>  
25 mm: 2.8 cm<sup>2</sup>

### Inlet/Outlet Connections

4, 13, and 25 mm: 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: < 50 µL

### Maximum Operating Temperature

4, 13, and 25 mm: 55 °C (131 °F)

### Maximum Operating Pressure

4, 13, and 25 mm: 5.2 bar  
(520 kPa, 75 psi)

### Typical Water Flow Rate

mL/min at 3.1 bar (310 kPa, 45 psi)  
0.45 µm, 4 mm: 3  
0.8 µm, 13 mm: 180  
0.45 µm, 25 mm: 225  
0.8 µm, 25 mm: 600  
1.2 µm, 25 mm: 660  
5 µm, 25 mm: 970

### Endotoxin Level

< 0.25 EU/mL using Limulus  
Amoebocyte Lysate (LAL) test

### Biological Safety

Passes United States Pharmacopeia (USP) Biological Reactivity Test, *In Vivo* <88>

### Sterilization

PN 4188, 4190, 4199 sterilized by gamma irradiation and individually blister packaged.

## Ordering Information

### Acrodisc Syringe Filters With Versapor Membrane, Sterile

Part Number	Description	Pkg
4188	0.8 µm, 25 mm	50/pkg
4190	1.2 µm, 25 mm	50/pkg
4199	5 µm, 25 mm	50/pkg

### Acrodisc Syringe Filters With Versapor Membrane, Non-Sterile

Part Number	Description	Pkg
4473	0.45 µm, 4 mm	250/pkg 750/cs
4459	0.8 µm, 13 mm	100/pkg 300/cs
4487	0.45 µm, 25 mm	75/pkg 300/cs
4189	0.8 µm, 25 mm	75/pkg 300/cs
4568	0.8 µm, 25 mm	1000/pkg
4488	1.2 µm, 25 mm	75/pkg 300/cs
4489	5 µm, 25 mm	75/pkg 300/cs