

Description

Scalable Capsule with Seitz® High Performance Depth Filter Media

- Low hold-up volume allows for increased product recovery for sample filtration of 1 - 3 L
- Offers greater flexibility and assurance of application success from development to pilot and production scale. Scalable to Pall's entire line of traditional high performance modules, as well as capsules
- Seitz BIO 20 media is ideal for ion sensitive products, such as parenteral solutions, therapeutic proteins, dialysis solutions, and protein-based diagnostics
- Seitz P900 media applications include course filtration in the biotechnological industries
- Seitz HP-Series is ideal for research scale applications and techniques

Applications

- Recombinant protein production
- Cell harvesting
- Clarification of fermentation broth
- Antibiotics
- Vaccines
- Blood plasma proteins and serum
- Media

Specifications

Materials of Construction

Capsule: Polycarbonate

Vent: Polypropylene Media

Seitz BIO 20: Highly purified natural and modified celluloses, free from inorganic materials

Seitz P-Series: Comprised of cellulose fibers, filter aids (diatomaceous earth and perlite), and resins

Seitz HP-Series: Two distinct layers of Seitz P-Series depth filter sheets that feature a more permeable layer followed by a less permeable layer (PDD1, PDE2, PDH4, and PDK5)



Effective Filtration Area

22 cm² (0.024 ft²)

Nominal Dimensions

Maximum Height (Single Layer): 42 mm (1.65 in)

Maximum Height (HP Media): 52 mm (2.05 in)

Maximum Diameter: 64 mm (2.52 in)

Maximum Operating Temperature and Pressure¹

3 bar (300 kPa, 44 psi) at 40 °C (140 °F)

Maximum Differential Pressure¹

1.5 bar (22 psi)

Sterilization

Autoclave 1 cycle: 125 °C (248 °F) for 30 min.

Biological Safety

All plastic components used in construction meet the specifications for Biological Reactivity Tests *In Vivo* for Class VI Plastics (121 °C) as described in the current United States Pharmacopoeia (USP).

¹In compatible fluids that do not soften, swell, or adversely affect the filter or its materials of construction.

Ordering Information

Part Number*	Description	Pkg
SC050PDH4	0.5 - 15 µm, Seitz PDH4 media	1 / pkg
SC050PDK5	1.5 - 20 µm, Seitz PDK5 media	1 / pkg
SC050PDP8	6 - 30 µm, Seitz PDP8 media	1 / pkg
SC050P100	1 - 3 µm, Seitz P100 media	1 / pkg
SC050P200	3 - 6 µm, Seitz P200 media	1 / pkg
SC050P250	4 - 9 µm, Seitz P250 media	1 / pkg
SC050P700	6 - 15 µm, Seitz P700 media	1 / pkg
SC050P900	8 - 20 µm, Seitz P900 media	1 / pkg
SC050B020	0.4 - 1 µm, Seitz Bio 20 media	1 / pkg
SC050PDD1	0.1 - 0.85 µm, Seitz PDD1 media	1 / pkg
SC050PDE2	0.2 - 3.5 µm, Seitz PDE2 media	1 / pkg
SC050AK7	Seitz AKS7 media (activated carbon)	1 / pkg

*All part numbers feature female luer lock inlet / outlet connection



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