



Pall Corporation

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Supracap™ 50 Depth Filter Capsules

Description

Scalable Capsule with Seitz® High Performance Depth Filter Media

- ▶ Low hold-up volume allows for increased product recovery and requires low post-use rinse volumes. For filtration of 1 - 3 L.
- ▶ Offers greater flexibility and assurance of application success from development to production scale. Scalable to Pall's entire line of traditional SUPRADisc™ modules, as well as Stax™ 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 media performs exceptionally well in low viability, high solids-containing applications, and with wider distribution of particle sizes in biotech applications.



Application

- ▶ 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	Price	Qty
Supracap 50 Depth Filter Capsules				
SC050B020	0.4 - 1.0 µm, Seitz BIO 20 media	1/pkg	NA	<input type="text" value="0"/>
SC050P100	1.0 - 3.0 µm, Seitz P100 media	1/pkg	NA	<input type="text" value="0"/>
SC050P200	3.0 - 6.0 µm, Seitz P200 media	1/pkg	NA	<input type="text" value="0"/>
SC050P250	4.0 - 9.0 µm, Seitz P250 media	1/pkg	NA	<input type="text" value="0"/>
SC050P700	6.0 - 15.0 µm, Seitz P700 media	1/pkg	NA	<input type="text" value="0"/>
SC050P900	8.0 - 20.0 µm, Seitz P900 media	1/pkg	NA	<input type="text" value="0"/>
SC050PDD1	0.1 - 0.85 µm, Seitz PDD1 media	1/pkg	NA	<input type="text" value="0"/>
SC050PDE2	0.2 - 3.5 µm, Seitz PDE2 media	1/pkg	NA	<input type="text" value="0"/>
SC050PDH4	0.5 - 15.0 µm, Seitz PDH4 media	1/pkg	NA	<input type="text" value="0"/>
SC050PDK5	1.5 - 20 µm, Seitz PDK5 media	1/pkg	NA	<input type="text" value="0"/>
SC050XAK7	Seitz AKS7 media (activated carbon)	1/pkg	NA	<input type="text" value="0"/>


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