

Sartopure GF2

Adsorptive High Capacity Filter Cartridges and Mini Cartridges



Description

Sartopure GF2 cartridges are optimized for the protection of downstream membrane filter systems and clarification in biopharmaceutical production processes. Due to their high adsorptive power by glass fiber fleeces, Sartopure GF2 filters are the ideal solution for removal of colloids and lipids from bio-pharmaceutical fluids.

Applications

Sartopure GF2 are ideal for the prefiltration of:

- Fermentation Broths
- Cell Debris solutions
- Serum
- Plasma
- LVP
- Colloid containing solutions
- Lipid containing solutions

High Adsorption

Based on electrostatic forces of attraction, the negatively charged glass fiber filter material of Sartopure GF2 retains positively charged, small particles that would otherwise pass through the filter.

Defined Retention Rates

One of the key features of Sartopure GF2 cartridges is their defined and accurate retention rating of >99.9%!

High Profitability

Other key attributes of Sartopure GF2 filters - high flow rates at low differential pressures and high total throughput - guarantee the maximum in reduced cost and process efficiency.

Flexibility

Sartopure GF2 filters are available in various sizes as standard filter cartridges, mini-cartridges and capsules to allow for broadest choice and highest process flexibility.

Documentation

Sartopure GF2 cartridges are designed, developed and manufactured in accordance with a ISO 9001 certified Quality Management System. A Validation Guide is available for compliance with regulatory requirements.

Specifications

Materials

Filter Material:	Glass Fiber Fleeces
Support fleece:	Polypropylene
Core:	Polypropylene
End caps:	Polypropylene
O-Rings:	Silicone (optional EPDM or Viton)

Retention Rates

0.65 µm, 1.2 µm, 3 µm

Available Sizes | Filtration Area

Cartridges

Size 1	10"	0.6 m ² 6 ft ²
Size 2	20"	1.2 m ² 12 ft ²
Size 3	30"	1.8 m ² 18 ft ²

Mini Cartridges

Size 7	0.05 m ² 0.5 ft ²
Size 8	0.1 m ² 1 ft ²
Size 9	0.2 m ² 2 ft ²

Available Adapters

21, 25, 27, 28

Available Adapter Mini Cartridge

15

Operating Parameters

Max. Allowable Differential Pressure:	5 bar 75 psi at 20 °C
	2 bar 29 psi at 80 °C

Max. Allowable Back Pressure:	2 bar 29 psi at 20 °C
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Depth Filter Cartridges

Specifications

Extractables

Sartopure GF2 cartridges meet or exceed the requirements for WFI quality standards set by the current USP.

Regulatory Compliance

Non pyrogenic according to USP Bacterial Endotoxins

Pass USP Plastic Class VI Test

Non fiber releasing according to 21 CFR

Sterilization

In-Line Steam Sterilization

134 °C, 20 min. at max differential pressure of 0.5 bar | 7 psi

Autoclaving

134 °C, 2 bar | 29 psi, 30 min

Sterilization Cycles

In-Line Sterilization: Min. 25

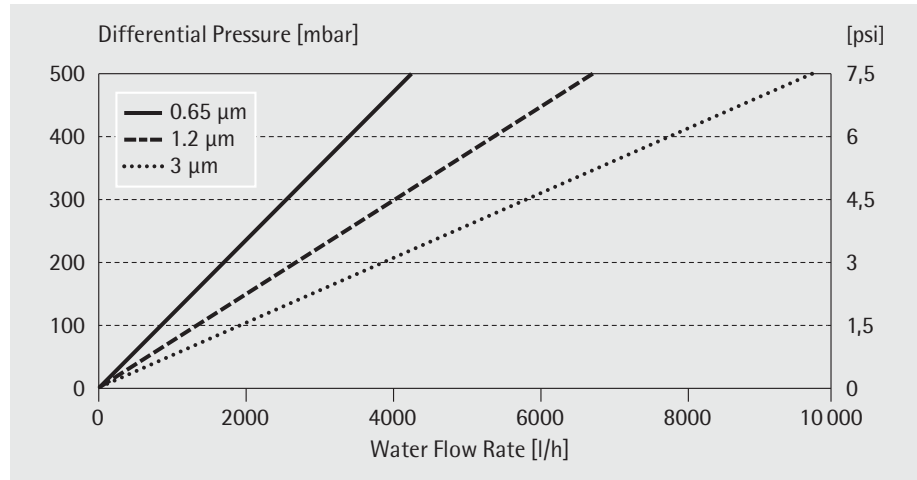
Autoclaving: Min. 25

Technical References

Validation Guide:

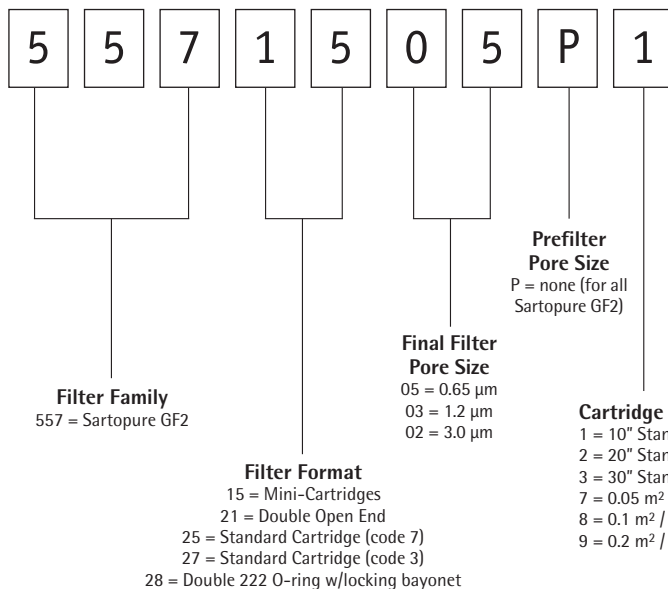
SPK 5717-e

Water Flow Rates for Sartopure GF2 10" Standard Cartridges 0.65 µm, 1.2 µm, 3 µm + MaxiCaps (0.65 µm, 1.2 µm)



Standardized at 20 °C

Ordering Guide:



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