



Sartopure IND

Particle Reduction Filter Cartridges



Description

Sartopure IND cartridges were optimized for the wide range of prefiltration. Especially for the retention of particles from water. Sartopure IND filter combine multiple layers of progressively finer pleated polypropylene depth filter material.

Applications

Typical application for Sartopure IND is the particle removing in low cost applications:

- water filtration plants
- sea water treatment plants
- industry applications

Security

The Sartopure IND filter elements ensure the selective, effective and defined particle retention. The all polypropylene construction offers a broad chemical compatibility.

Performance

The Sartopure IND filter elements combine high dirt loading capacities with long service life and extremely high flow rates.

Economical Results

Considering all features and benefits, Sartopure IND filters guarantee the maximum in process profitability.

Specifications

Materials

Filter Material	Multiple Polypropylene Layers
Support Fleece	Polypropylene
Core	Polypropylene
End Caps	Polypropylene
O-Rings	Silicone

Retention Rates

0.65 µm, 1.2 µm, 3 µm, 5 µm, 8 µm, 20 µm, 50 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
Size 4	40"	2.4 m ²	24 ft ²

Available Adapters Cartridges

21, 25, 27, 28

Packing Size

25 pieces

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

Sterilization

In-Line Steam Sterilization

121°C, 20 min. at max differential pressure of 0.5 bar | 7 psi

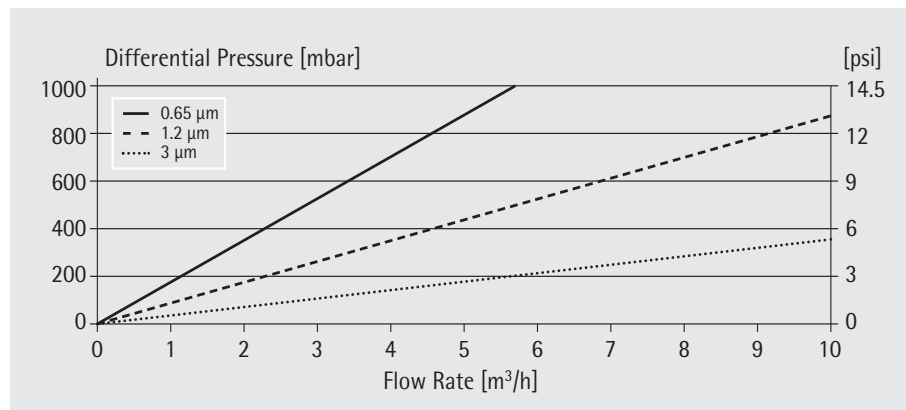
Sterilization Cycles

In-Line Sterilization: Min. 25

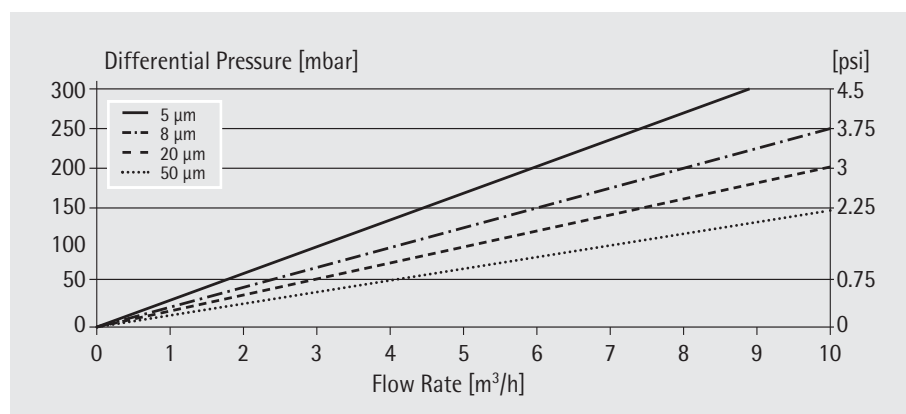
Order Information

Order Code	Pore size [μm]
550**05PX-----G	0.65 μm
550**03PX-----G	1.2
550**02PX-----G	3
550**42PX-----G	5
550**01PX-----G	8
550**20PX-----G	20
550**50PX-----G	50

Water Flow Rates for 10" Cartridges



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Sartorius Stedim Biotech GmbH
August-Spindler-Strasse 11
37079 Goettingen, Germany

Phone +49.551.308.0
Fax +49.551.308.3289
www.sartorius-stedim.com

USA Toll-Free +1.800.368.7178
UK +44.1372.737159
France +33.442.845600
Italy +39.055.63.40.41
Spain +34.91.3586102
Japan +81.3.3740.5407

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