



PreFlow™ Capsule Filters

Description

PreFlow capsule filters have been designed for small volume production and scale-up evaluation. Pall PreFlow media provide bioburden reduction, clarification, and prefiltration for sterilizing-grade filters when processing biological fluids. The fixed pore structure and proprietary resin-bonded glass fiber composite media provide exceptional capacity for fine contaminants and long service life.

PreFlow filters have the following properties:

- Fixed pore construction
- Resistant to contaminant unloading
- Meets USP Biological Reactivity Test, in vivo, for Class VI – 121 °C Plastics

Features and Benefits

The key benefits of DFA PreFlow capsules for prefiltration applications include:

- Scalability to production filters
- Capsule format for ease of use
- Effective and reliable protection of final filters, including 0.2 µm and 0.1 µm sterilizing-grade — providing higher throughputs and longer filter life
- Low hold-up volumes
- High-strength design allows for multiple autoclave cycles
- Supplied with Certificate of Test giving batch traceability

Pall's UpScaleSM Program

From drug discovery and basic research, through process development and production, Pall Corporation is the single source for all of your filtration and separation needs. Our UpScale program provides you with the scalable filtration products and support you need to bring new products to market faster.

Specifications

Materials of Construction

Filter Medium	Resin-bonded glass fiber
Core and End Caps	Polypropylene
Support and Drainage	Polypropylene
Shell	Polypropylene

Operating Conditions¹

Maximum Operating Temperature	40 °C
Maximum Operating Pressure	3.5 barg (50 psig)

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

Typical Extractables in Water at 20 °C after 4 hours Extraction

DFA3001UUAC	< 10 mg
DFA3001UBC	< 30 mg

Autoclave Sterilization²

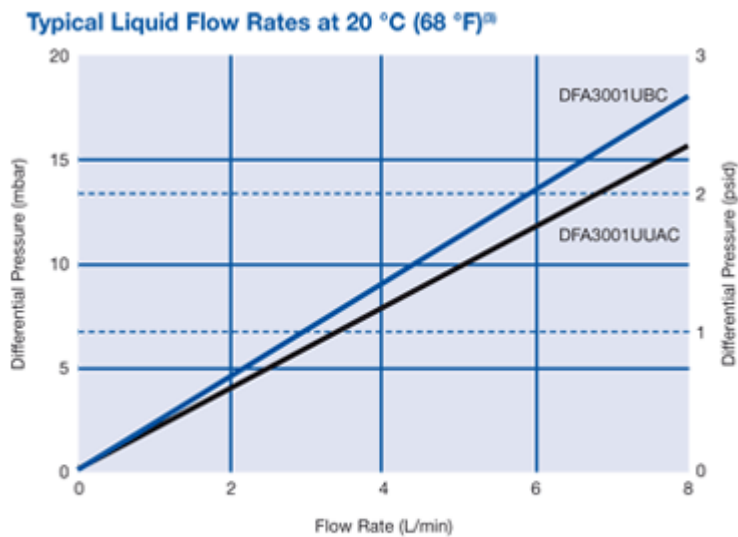
3 x 1-hour cycles at 125 °C

² Warning: This product must not be sterilized in situ by passing steam through under pressure.

Nominal Filtration Area

0.09 m² (1.0 ft²)

Typical Flow Rates



[Ⓐ] Typical initial clean media ΔP; water at 20 °C (68 °F) viscosity 1cP.
For assistance in sizing, contact your local pall representative.

Nominal Dimensions

Length	124 mm (4.9 in.)
Maximum Diameter	72 mm (2.8 in.)
Connections	10 mm (3/8 in.) hose barb

Applications

Applications

The PreFlow range of filters has been specifically designed for the filtration of biological fluids including:

- Serum
- Vaccines
- Cell Culture Media
- Protein Solutions

Ordering Information

Part Number	Absolute Removal Rating
DFA3001UUAC	0.2 µm
DFA3001UBC	0.45 µm

Contact Information

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