PALL Life Sciences

USD 2146

DFA™ PreFlow™ Capsule Filter

Scaleable prefilters with
PreFlow UUA and UB Media

Description

DFA PreFlow capsule filters have been designed for small volume production and scale-up evaluation.

Pall® **PreFlow** media provide protection 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
- Meet USP Biological Reactivity, *In Vivo*, for Class VI – 121°C plastics

Benefits

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

- Scaleable to production filters
- Capsule format for ease of use
- Effective and reliable protection of final filters, including 0.2µm and 0.1µm 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

Applications

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

- Serum
- Vaccines
- Cell Culture Media
- Protein Solutions

Pall's UpScale℠ 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 scaleable filtration products and support you need to bring new products to market faster.

Filtration. Separation. Solution.℠

Technical Information

Materials of Construction

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

Operating Conditions

Maximum operating temperature	40°C (100°F)
Maximum operating pressure	3.5 bar g (50 psig)

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

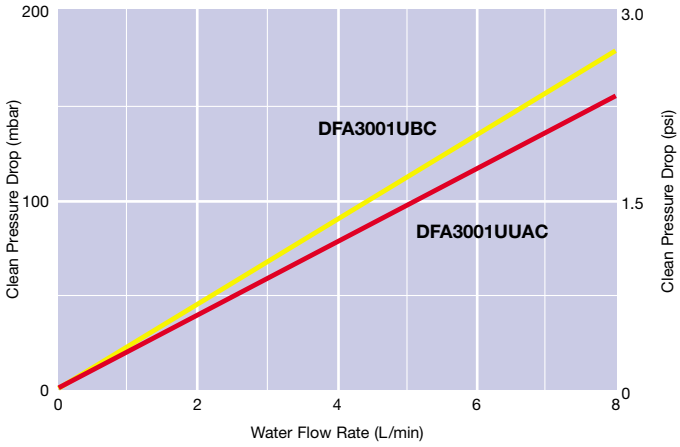
DFA3001UUAC	< 10 mg
DFA3001UBC	< 30 mg

Autoclaving Sterilisation

3x1 hour cycles at 125°C

This product must not be sterilised *in situ* by passing steam through under pressure

Typical Water Flow Rates at 20°C[3]



[3]For fluids at 1 cP viscosity.
For other viscosities, divide flow rate by viscosity in cP.

Filtration Area (nominal)

930 cm²

Dimensions (nominal)

Height	124 mm (4.9 inch)
Maximum Diameter	72 mm (2.8 inch)
Connections	10 mm (3/8 inch) hose barb

Ordering Information

Part Number	Removal Rating (Micron)
DFA3001UUAC	0.2
DFA3001UBC	0.45

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