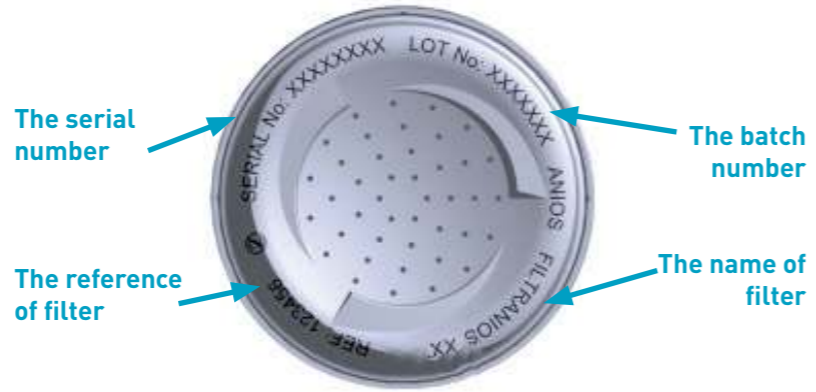


FULL TRACEABILITY

A SILKSCREEN PRINTING FILTER



A DOUBLE LABEL SYSTEM

(Dates of implementation and end of use)

- 1 label on the filter
- 1 repositional label on the sachet to make easier the writing and allow to document the traceability book



TIMESTRIP®

The Timestrip® label is a unique, patented timer that indicates how long a product has been in service.

The Timestrip® is activated by squeezing its start button flat.

An activation line (red colour) appears in the viewing window and then extends across the viewing window over the set installation time.

Easy to use, TIMESTRIP prevents from avoiding filter change



THE « PROTECTIVE SKIRT AND PEELABLE LID » PATENT

The presence of protective skirt and peelable lid **avoids any hand contamination** and keeps, before filter use, the sterility of the shower outlet.



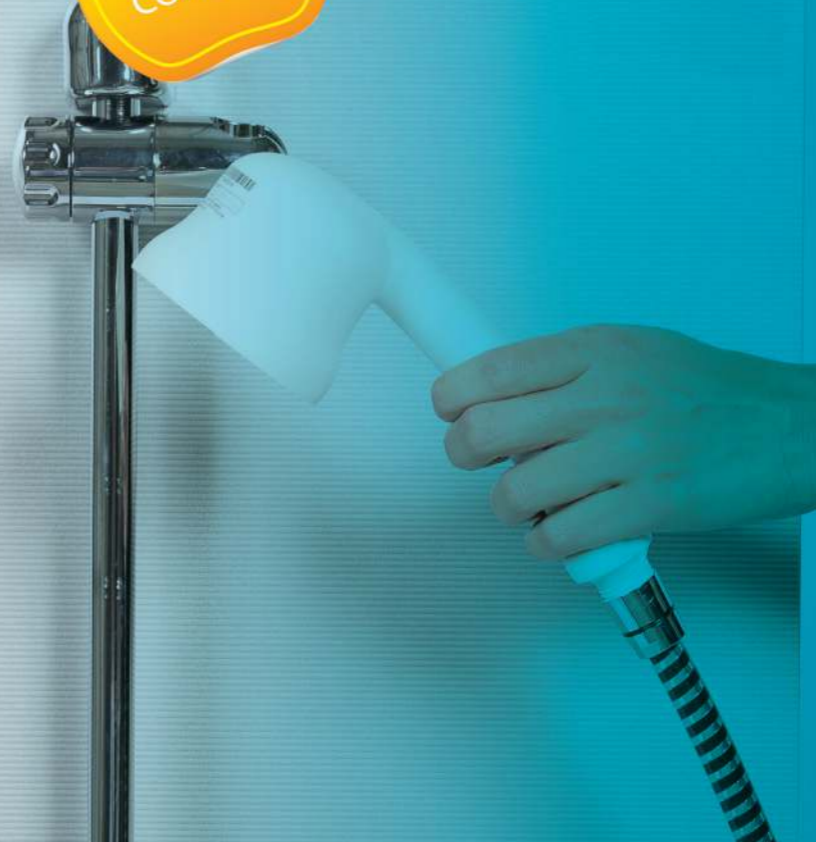
REFERENCE

Shower FILTRANIOS 31DS.....Ref. 432.075



Pavé du Moulin
59260 Lille-Hellemmes - France
Tél. : +33 3 20 67 67 67
Fax : +33 3 20 67 67 68
www.anios.com

FILTRANIOS 31 DS



The all germs
31 days sterile
shower filter

FILTRANIOS 31DS GB 101112 - Non contractual photos

Info +

Validated on *Brevundimonas diminuta* according to the « bacterial challenge » ASTM F 838.05 standard with a retention > 10⁷ bacteria/cm² of filtration surface: total retention of micro-organisms (sterilizing grade).

Use up to 31 days (validated on *Brevundimonas diminuta* according to the ASTM F 838.05 standard after 31 days of use).

Compatible with the procedures of thermic (+60°C and +90°C) and chemical (chlorine, peracetic acid) treatments of water applied in hospital (validated on *Brevundimonas diminuta* according to the ASTM F 838.05 standard in the worst conditions during 31 days).

Medical device class IIb : a conformity certificate and technical instructions are available in each box.

The used materials are in compliance with the tests of biological reactivity in vivo in accordance with the USP VI-121°C plastics class and with the 21CFR211.72 et 210.3(b) FDA requirements, the effluent quality is in compliance with the USP requirements...

THE FILTRANIOS 31 DS

- **Sterile monobloc shower filter (gamme radiation) for a 31-day use.**
- The FILTRANIOS 31 DS, sterile disposable filter, is designed to remove all germs, fragments of bacteria and mycoplasma from water supplied for **patients shower and bath in healthcare services, high-risk services, burns unit and immunodepressed patients.**

CHARACTERISTICS

Prefiltration layer	Polypropylene 1 µm with density gradient «funnel effect» from 5 µm to 1µm
Membranes	1 asymmetric and highly capacitive 0.2µm membrane in PES 1 asymmetric 0.1µm membrane in PES
Support and draining layers	Polypropylene
Capsule body	Polypropylene
Effective filtration area	540 cm ² « select pleated » design
Filtered water flowrate	9 litres/minute at 3 bar
Maximum working conditions	5 bar@60°C+ 1 cycle 70°C@30 minutes
Chemical resistance	Active chlorine: > 1000 ppm@40°C PAA: 240 ppm@40°C@31 days Iodine: 50 ppm@40°C@31 days
Dimensions	Length: 222 mm Height: 68 mm Shower diameter: 80 mm
Weight	225 gr

OPTIMISED DESIGN



Avoids splashes and offers comfort and hygiene.

MONOBLOC CONCEPT

- Adaptation to the flexible by a universal ½ screwed equipped with a join in PTFE.
- No fragility point.
- Absence of quick connector avoids any source of contamination.



FILTERING CARTRIDGE

The localisation of the filtering cartridge in the shower head gives an **absolute security by:**

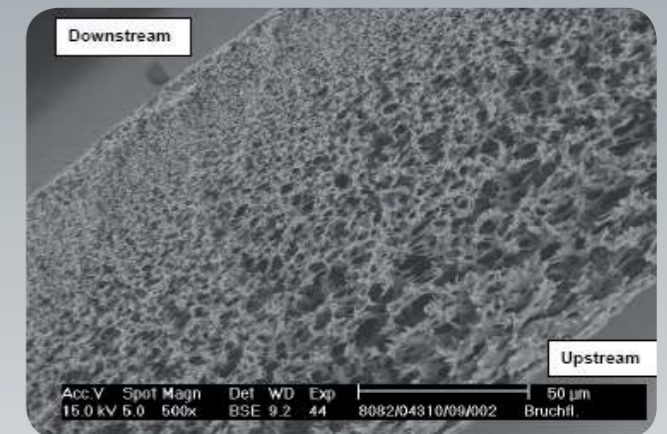
- a filtration from the outside to the inside,
- the absence of contaminants in the head.

All jointed surfaces are assembled by use of heat sealing technology.

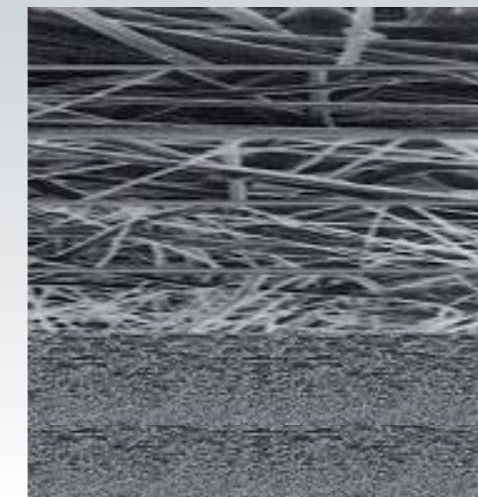


A UNIQUE COMPOSITION

1 membrane highly asymmetric in PolyEtherSulfone (PES) preceded by medium in Polypropylene ensuring the longest useful life as possible.



UPSTREAM



DOWNSTREAM

Prefiltration Polypropylene 1 µm with density gradient (5µm to 1µm)
Efficiency of retention : 100% at 1µm; 98% at 0.5 µm

Asymmetric membrane 0.2 µm validated in PolyEtherSulfone

Asymmetric membrane 0.1 µm validated in PolyEtherSulfone

TECHNOLOGIC INNOVATION



The unique Area membrane design by multi-heighted pleating allows:

- to avoid pleats collapsing
- to avoid flow restriction in the path across the internal core
- to increase effective filtration area
- to increase filtered water flow-rate

