i3 FIVE
sterile filter

Medical





INTENDED USE & FIELDS OF APPLICATION

The i3 FIVE inline filter is used for the sterile filtration of tap water. It is installed in the inflow pipes of devices and instruments to prevent contamination due to waterborne bacteria such as Legionella pneumophila, Pseudomonas aeruginosa and mycobacteria. The i3 FIVE filter is used for reliable microfiltration to exclude waterborne pathogens in situations involving high levels of water flow. The bacterial filter is used in settings such as medical device reprocessing (e.g. AERs) and the filling of birth pools.

FEATURES

Bacterial retention
as per ASTM F838

Sterile filtration with a nominal
pore size of 0.2µm (microfiltration)

Duration of use: 50 days
(7 weeks)

High, stable flow rate
throughout the period of use

Varied range of uses
(e.g. in the reprocessing of
medical devices; in birth pools)

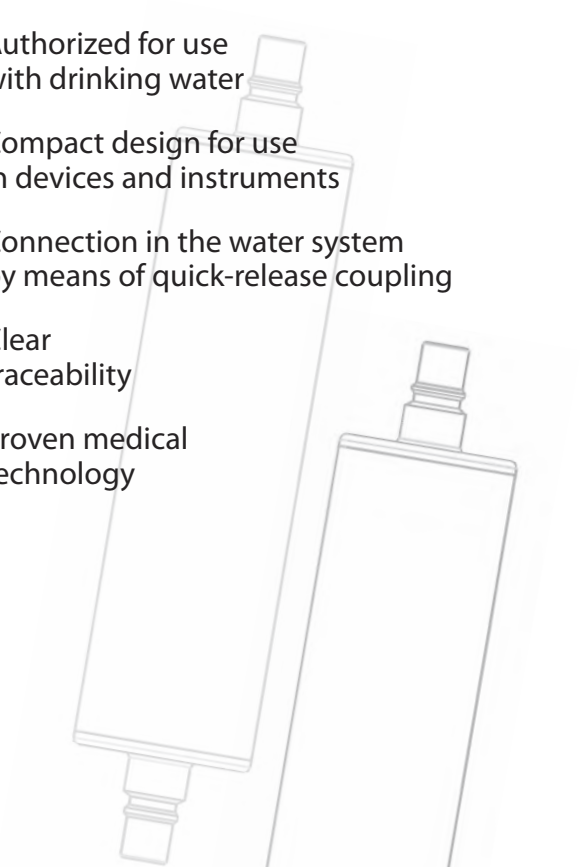
Authorized for use
with drinking water

Compact design for use
in devices and instruments

Connection in the water system
by means of quick-release coupling

Clear
traceability

Proven medical
technology



TECHNICAL SPECIFICATIONS

APPLICATIONS
Inline (dental/ENT/reprocessing/etc.)

FLOW RATE
20 l/min at 5 bar

AUTHORIZED FOR USE WITH DRINKING WATER
Plastics suitable for use with drinking water as per BS 6920

DISINFECTION
Can be disinfected by wiping with normal surface disinfectant

BACTERIAL RETENTION
> 7 log *(Brevundimonas diminuta)* per cm^2 of filter area

DURATION OF USE
50 days (7 weeks)

OPERATING TEMPERATURE
60 °C
(max 70 °C for 30 min)

SHELF LIFE
5 years

OPERATING PRESSURE
max 5 bar

LABELLING
Serial number / DataMatrix Code for documentation of filter changes

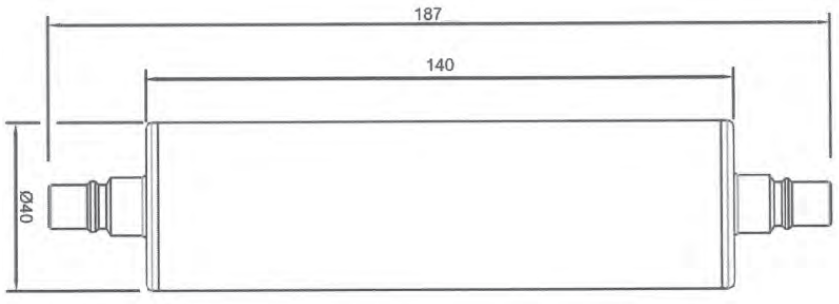
MEMBRANE
i3 high performance flat membrane

ATTACHMENT
Quick-release fastening is required for installation

CHLORINE RESISTANCE
≤ 200 ppm active chlorine for 1 hour
≤ 10 ppm active chlorine for 50 days

i3 Medical

DIMENSIONS (mm)





ORDER INFORMATION & ACCESSORIES

i3 FIVE Inline sterile filter
2030005 (item no.)

Packaging units
1 pcs

G1/2" quick-release coupling (OT)
2060050 (item no.)

Other accessories on request

i3 Membrane GmbH
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Certification of quality management system as per DIN EN ISO 13485:2016

Your Companion
Life Science Filtration

D8_Full_I3FIVE_EN_V08/APR2022