



Medical

i3 FIVE

sterile filter



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 0.2 μ m (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)

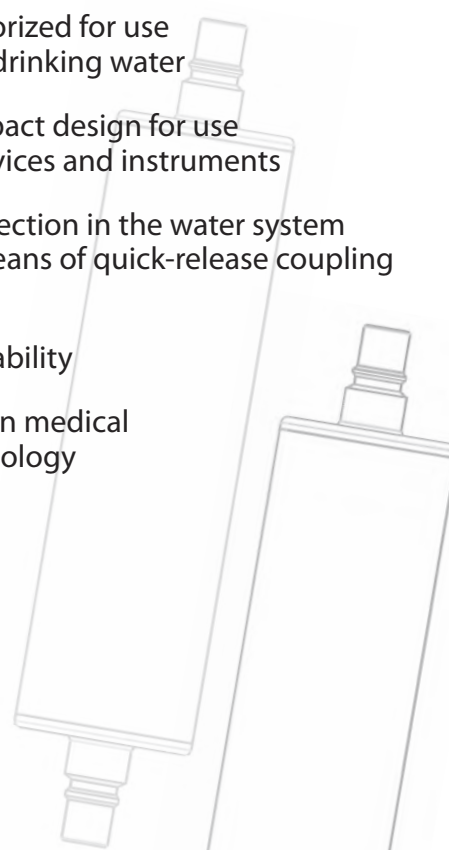
Authorized for use
with drinking water

Compact design for use
in devices and instruments

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

Clear
traceability

Proven medical
technology





Medical

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 cm² 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

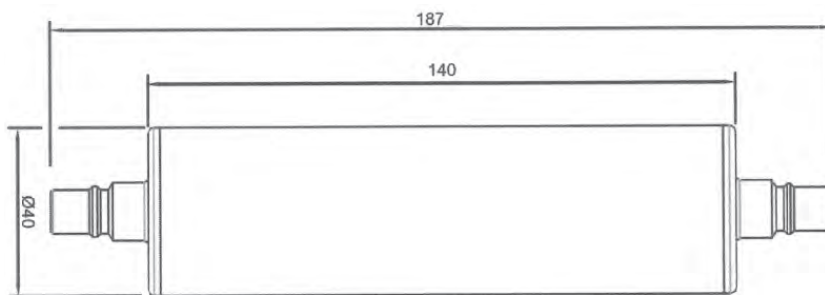
Quick-release fastening is required for installation



CHLORINE RESISTANCE

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

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

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



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