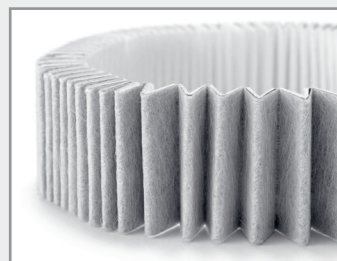




i3 FOUR

inline filter



INTENDED USE & FIELDS OF APPLICATION

The i3 FOUR inline filter is used for the filtration of tap water to prevent contamination due to water-borne bacteria such as *Legionella pneumophila*, *Pseudomonas aeruginosa* and non-tuberculous mycobacteria (NTM). It is installed in the inflow pipes of devices and instruments. The areas of use of the i3 FOUR are varied and include many different situations. For example, it is used in medical settings for the reprocessing of devices (e.g. endoscopes) and in dental and ENT units. It provides reliable protection against waterborne pathogens in the provision of drinking water (water dispenser), air conditioning, laboratory equipment and other areas of applications.

FEATURES

Bacterial retention
as per ASTM F838

Sterile filtration with a nominal
pore size of 0.2 μm (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 ENT and dental
units)

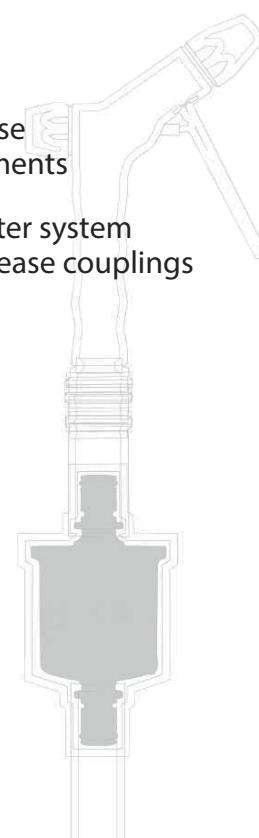
Authorized for use
with drinking water

Compact design for use
in devices and instruments

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

Unambiguous
traceability

Proven medical
technology





TECHNICAL SPECIFICATIONS



APPLICATIONS

Inline (dental/ENT/reprocessing/etc.)



FLOW RATE

6 L/min (1.6 gal/min) at
5 bar (75 psi) initial



DISINFECTION

Can be disinfected by wiping with
normal surface disinfectant



DURATION OF USE

50 days (7 weeks)



SHELF LIFE

5 years



LABELLING

Serial number / DataMatrix Code
for documentation of filter changes



ATTACHMENT

Quick-release coupling is
required for installation



AUTHORIZED FOR USE WITH DRINKING WATER

Plastics suitable for use with drinking
water as per BS 6920



BACTERIAL RETENTION

> 7 log (*Brevundimonas diminuta*)
per cm² of filter area



OPERATING PRESSURE

max 5 bar (75 psi)



MEMBRANE

i3 high performance flat membrane



OPERATING TEMPERATURE

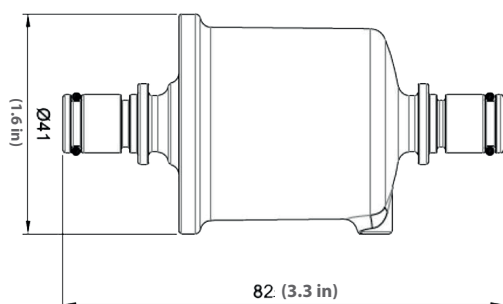
≤ 60 °C (140 °F)
max 70 °C (158 °F) for 30 mins



CHLORINE RESISTANCE

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

DIMENSIONS (mm)



ORDER INFORMATION & COUPLINGS



i3 FOUR inline filter
2030004 (item no.)



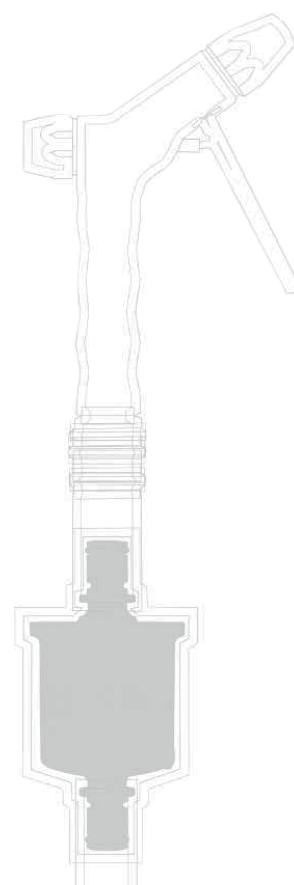
Packaging units
1 pcs



G3/8" quick-release coupling (OT)
2060005 (item no.)



Other accessories on request



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Life Science Separation