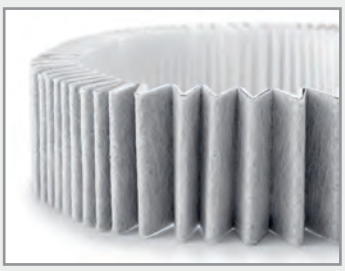
i3 ONE
sterile filter

Medical







INTENDED USE & FIELDS OF APPLICATION

The i3 ONE point-of-use sterile filter is used in medical settings to prevent infections caused by bacteria such as *Legionella pneumophila*, *Pseudomonas aeruginosa* and mycobacteria. It is used on the water faucet for the sterile filtration of tap water. The water filter protects patients receiving medical treatment, for example in oncological, transplant and intensive care wards, and also neonates, from infections caused by waterborne pathogens.

FEATURES

CE-marked Class I
medical device

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

Protection due to the bacteriostatic
properties of the filter housing in accordance with
ISO 22196

Proven biocompatibility
to protect the user

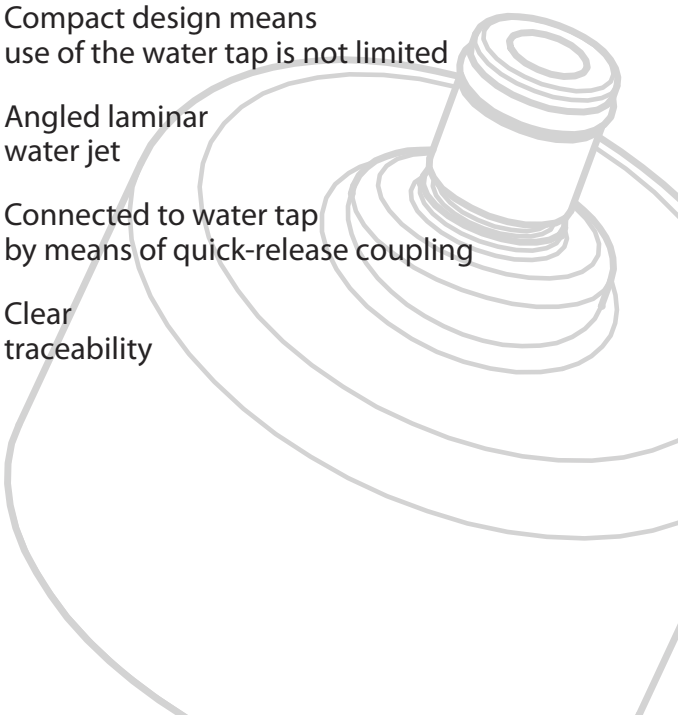
Filter surface can be disinfected
by wiping

Compact design means
use of the water tap is not limited

Angled laminar
water jet

Connected to water tap
by means of quick-release coupling

Clear
traceability



TECHNICAL SPECIFICATIONS

APPLICATIONS
Water tap

FLOW RATE
12 l/min at 5 bar

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

RETROGRADE PROTECTION
> 4 log *Pseudomonas aeruginosa*, *Escherichia coli*, *Staphylococcus aureus* in 24 hr.

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

DISINFECTION
Can be disinfected by wiping with normal surface disinfectant

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

DURATION OF USE
50 days (7 weeks)

OPERATING PRESSURE
max 5 bar

SHELF LIFE
5 years

MEMBRANE
i3 high performance flat membrane

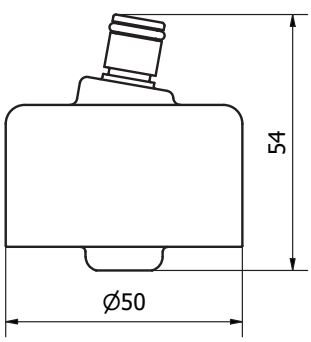
MATERIAL AUTHORIZATION
Product is biocompatible as per ISO 10993-1

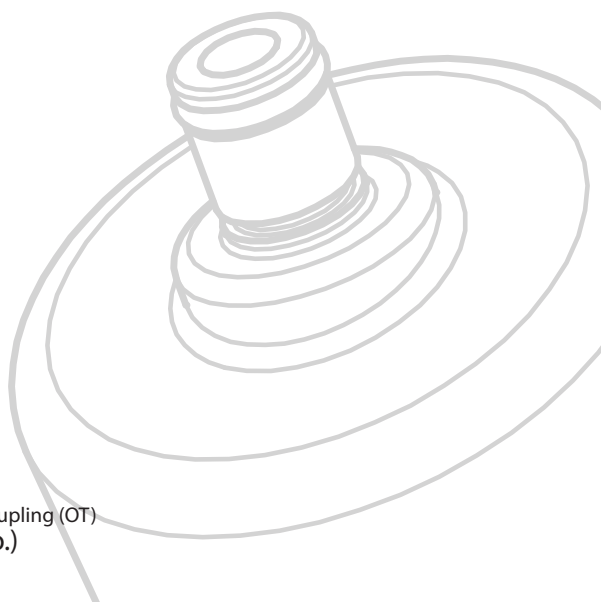
CHLORINE RESISTANCE
≤ 200 ppm active chlorine for 1 hour
≤ 10 ppm active chlorine for 50 days

ATTACHMENT
Quick-release coupling is required for installation

LABELLING
Serial number / DataMatrix Code for documentation of filter changes

DIMENSIONS (mm)





ORDER INFORMATION & ACCESSORIES

i3 ONE Sterile filter, water tap
203100 (Item no.)

Packaging units
2 pcs / 12 pcs

M22 quick-release coupling (IT)
2060000 (Item no.)

M24 quick-release coupling (OT)
2060001 (Item no.)

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

Your Companion
Life Science Filtration

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