i3 TWOconnect
sterile filter

Medical





INTENDED USE & FIELDS OF APPLICATION

The i3TWO connect 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 as a shower head for the sterile filtration of tap water. The water filter is used in settings where aerosols are produced and protects immunocompromised and immunosuppressed patients receiving medical treatment in oncology, transplantation 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

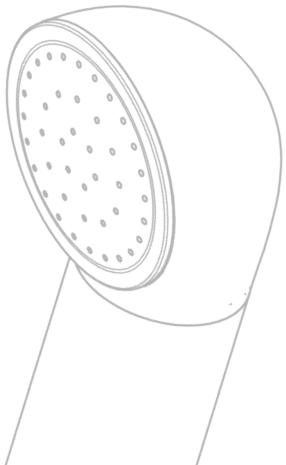
Proven biocompatibility
to protect the user

Filter surface can be disinfected
by wiping

Irrigation of wounds (chronic and
postoperative wounds, wounds of
people with severe burns)

Connected to the shower hose
by means of quick-release coupling

Clear traceability



TECHNICAL SPECIFICATIONS

i3 Medical

APPLICATION
Shower

FLOW RATE
15 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 cm² 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

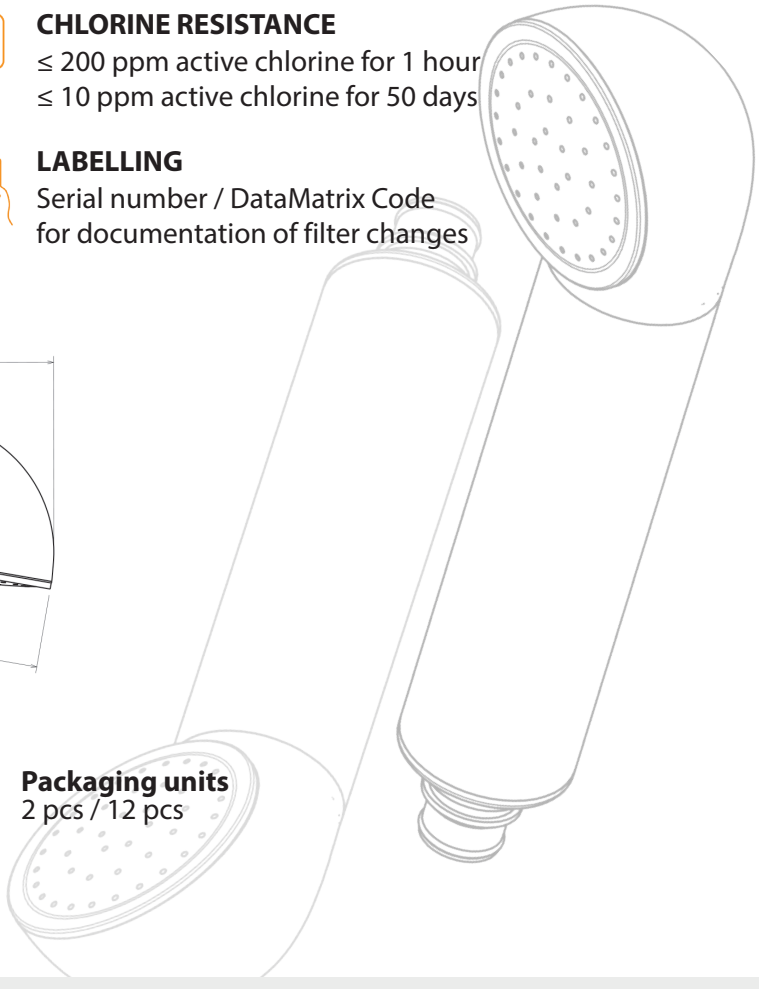
MEMBRANE
i3 high performance flat membrane

MATERIAL AUTHORIZATION
Product is biocompatible as per ISO10993-1

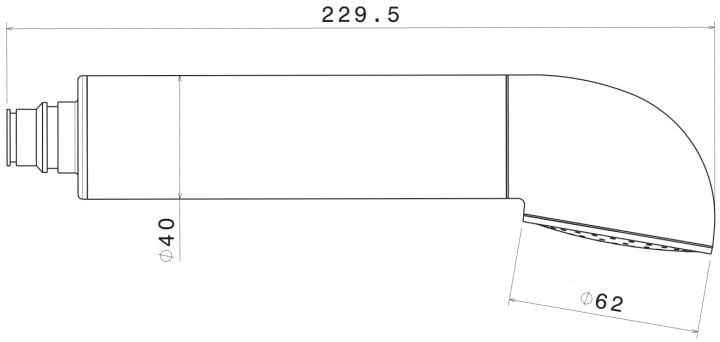
CHLORINE RESISTANCE
≤ 200 ppm active chlorine for 1 hour
≤ 10 ppm active chlorine for 50 days

ATTACHMENT
Quick-release coupling is required for installation

LABELLING
Serial number / DataMatrix Code for documentation of filter changes



DIMENSIONS (mm)



ORDER INFORMATION & ACCESSORIES

i3 TWOconnect Sterile filter, shower
203200 (item no.)

Quick-release coupling
2060002 (item no.)

Packaging units
2 pcs / 12 pcs

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

TÜV PROFI CERT ISO 13485 73 105 5178

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