



i3 TWOdirect

Water filter to assist infection prevention



INTENDED USE & AREAS OF APPLICATION

The intended use of the water filter i3 TWOdirect is to filter EPA quality drinking water. It retains bacteria, which may aid in infection control. The filters produce water that is appropriate for washing and drinking, superficial wound cleansing (minor cuts, scrapes and abrasions), cleaning of equipment used in medical procedures and washing of surgeon's hands. The water filters are not intended to provide water that can be used as a substitute for USP grade sterile water.

FEATURES

FDA approved medical device
class II

Sterilizing grade membrane
with a double layer pore size of 0.6 μm and
0.2 μm (microfiltration)

Duration of use: 50 days

High, stable flow rate
throughout the period of use

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

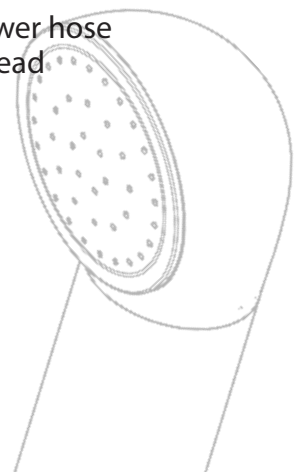
Proven biocompatibility to
protect the user

Filter surface can be disinfected
by wiping

Irrigation of wounds
(minor cuts, scrapes and abrasions)

Connected to the shower hose
by means of screw thread

Clear traceability





TECHNICAL SPECIFICATIONS



APPLICATIONS

Shower



FLOW RATE

4.0 gal/min (15 L/min.) at
75 psi (5 bar) initial



AUTHORIZED FOR USE WITH DRINKING WATER

Plastics suitable for use with drinking
water as per BS 6920



EXTRANEOUS CONTAMINATION

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



BACTERIAL RETENTION

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



DISINFECTION

Can be disinfected by wiping with
normal surface disinfectant



OPERATING TEMPERATURE

max 140 °F (60 °C) during normal use
max 158 °F (70 °C) for 30 mins.



DURATION OF USE

50 days



OPERATING PRESSURE

max 75 psi (5 bar)



SHELF LIFE

5 years



MEMBRANE

i3 High performance pleated membrane



ATTACHMENT

1/2" screw thread
(no coupling required for installation)



CHLORINE RESISTANCE

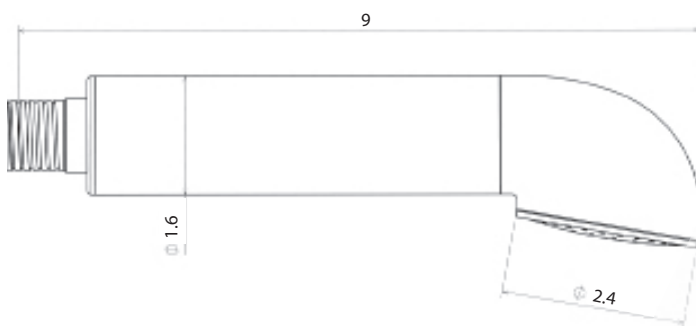
≤ 200 ppm active chlorine for 1 hour
≤ 10 ppm active chlorine for 50 days



LABELLING

Serial number / DataMatrix Code
for documentation of filter changes

DIMENSIONS (inch)



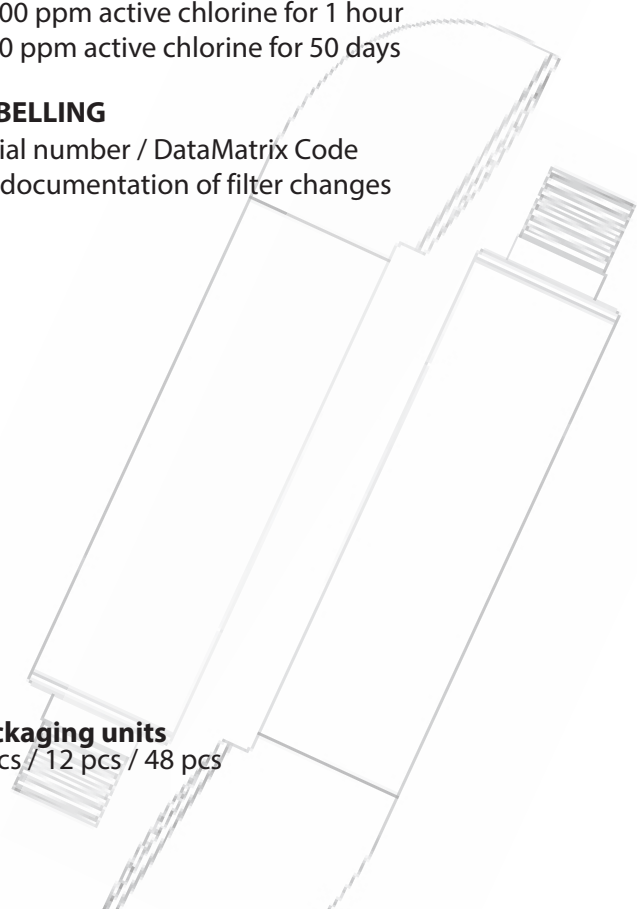
ORDER INFORMATION



i3 TWOdirect Disposable water filter, shower
203300 (Item no.)



Packaging units
2 pcs / 12 pcs / 48 pcs



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