



Product Data Sheet

# Medical Shower Filter 31 day

[t-safe.com](http://t-safe.com)

**T** safe

# Medical Shower Filter

## 31 day



### Features

- Sterilising grade 0.2 µm rated membrane filter
- Ultra slim design with up to 31 day life cycle
- Constant flow technology ensures optimal flow performance over life cycle
- Antimicrobial additive protection reduces risk of retrograde contamination
- Integral check valve prevents backflow contamination upstream
- Traceability with GS1 Datamatrix, enabling electronic tracking of filters

### Technical Data

Max. operating pressure	5 bar
Max. operating temperature	60° C
Flow rate	9,5 L/min
Max. filter life cycle	31 days*
Connection	½ inch thread
Colour	White
<b>Microbial retention</b>	
Sterilising grade membrane filter, effective against all waterborne pathogens. Independently tested and validated in accordance with ASTM F838 against:	
<ul style="list-style-type: none"><li>• <i>Legionella pneumophila</i></li><li>• <i>Pseudomonas aeruginosa</i></li><li>• <i>Brevundimonas diminuta</i></li></ul>	

### Microbial reduction

T-safe antimicrobial additive is proven to reduce surface bacteria contamination by 99.9%. Independently tested in accordance with ISO 22196.

### Approvals

ASTM F838-20, ISO 22196, WRAS, DVGW W270. Compliant with EU food and drinking water directives.

\* Dependent on local water quality and usage.

All information contained within this data sheet is based on the current knowledge and experience of T-safe. It is provided in good faith and is intended to serve only as a guideline for the selection and use of products. T-safe products should always be handled in accordance with the applicable Instruction for Use advice. The current data sheet is available at [www.t-safe.com](http://www.t-safe.com).

### Order Information

Item	Code
Medical Shower Filter 31 day	02-803310
Medical Shower Filter 31 day sterile	02-803311

# Instruction for Use



**Medical Shower Filter  
31 & 92 Day**

**Tsafe**

# Medical Shower Filter

## 31 & 92 Day

### Description

The filter of the T-safe medical product family is based on hollow fiber technology and is specifically designed to remove bacteria such as, but not limited to, *Pseudomonas aeruginosa* and *Legionella pneumophila* from tap water to prevent diseases caused by infections in hospitals and healthcare facilities.

The T-safe medical product family is intended to manage the microenvironment of injured skin or mucous membrane and therefore prevention of sickness-related to bacteria.

T-safe medical products are suitable for use in wound care, burn tubs, water birth, hand washing, regular baths and bottling of drinking water.

T-safe Medical Shower Filter 31 & 92 Day are complete units equipped with a male 1/2" thread. The product is supplied with a flow restrictor, which protects the filter against sudden water pressure peaks.

T-safe Medical Shower Filter 31 & 92 Day will effectively retain bacteria for a maximum period of up to 31 and 92 Days respectively, within the limitations of use as described herein.

This IFU covers the following products:

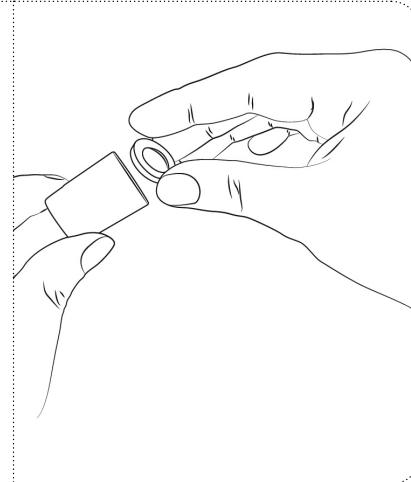
Item	Code
Medical Shower Filter 31 Day	02-803310
.....	02-803311
Medical Shower Filter 92 Day	02-803121
.....	02-803125
.....	02-803330
.....	02-803331
.....	02-803332
.....	02-803333

## Installation

Install the product directly from the packaging and ensure that the filter does not come into contact with sources for contamination before being installed.

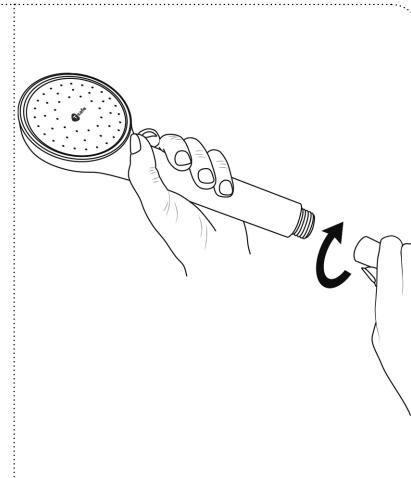
1

The enclosed gasket is for the shower hose and is to replace the previously installed gasket. This is done every time a new T-safe shower is mounted, in order to ensure that the connection is always tight.



2

Fasten the shower hose tightly to the shower - it is now ready for use.



## Cleaning

If professional cleaning procedures are in place, the external surfaces of the filter may be cleaned using a new disposable wipe e.g. with 1000 ppm chlorine. Extra care should be taken to not contaminate any outlet of the filter, as to avoid unintended contamination. Do not disconnect the filter during cleaning.

## Exposure to Chemical and Thermal Water Treatment

The filter can tolerate the following continuous disinfection treatments:

- 30 ppm chlorine dioxide
- 15 ppm free chlorine (hypochlorite)
- 10 ppm ozone
- 30 ppm hydrogen peroxide
- 10 ppm chloramine

## Shock Treatment:

- Up to 1000 ppm free chlorine for 1 hour at room temperature
- pH 12 for 1 hour at room temperature
- 1000 ppm peracetic acid for 2 hours at 60° C

The filter can tolerate thermal disinfection up to 6 times in the lifetime of the filter under the following conditions:

- 60° C for 20 minutes
- 65° C for 10 minutes
- 70° C for 5 minutes

*Important: The filter may not be placed in hot water bath.*

## Disposal

The product can be disposed of with ordinary waste following with applicable local regulations under the waste category number 180104 in accordance with EU Directive 75/442/EEC.

## Storage – non-commissioned filter

The product must be stored at temperatures between 5 °C and 40 °C and at a humidity of max. 60 %. Expiry date: See label on the packaging or marking on the product.

## Precautions

- Do not use the filter if the package is open or damaged, or filter is visually damaged
- Do not disconnect the filter during the period of use
- Avoid mechanical impact and do not strike the filter with heavy or metallic objects, as this may damage the filter
- The outlet of the filter should not come into direct contact with skin or hair
- The filter must not be used continuously with water temperatures above 60 °C. The optimal working range is 10 °C – 45 °C
- The filter cannot tolerate pressure above 5 bar
- If the filter is subjected to excessively high water pressure, this will cause the filter to collapse (sudden decrease in water flow). The filter must then be discarded.

- The filter cannot be “backwashed”
- The contamination level and the amount of filter-blocking particles and substances in the water might reduce the lifetime of the filter
- The filter cannot be rinsed or cleaned in a dishwasher or autoclave
- The filter must be discarded if the expiry date has passed
- Do not modify or make changes to the filter

## NOTE

- Do not use the water for contact lenses
- The quality of the water is not suitable for pharmaceutical use
- The filter will neither alter the taste or odor nor the chemical composition in the water and does not cause any changes in the concentration of salts, metals, lime scale, chemicals, pesticides, and dyes

*No liability for misprints or typographical errors.*



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