Medical In-Line Filter 92 Day

Tsafe

Medical In-Line 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* and *Legionella pneumophila* from tap water in order 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 therewith prevention of sickness related to bacteria.

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

T-safe Medical In-Line 92 Day is a complete unit equipped with a male 1/2" thread. The product is supplied with a flow restrictor, which protects the filter against sudden water pressure peaks.

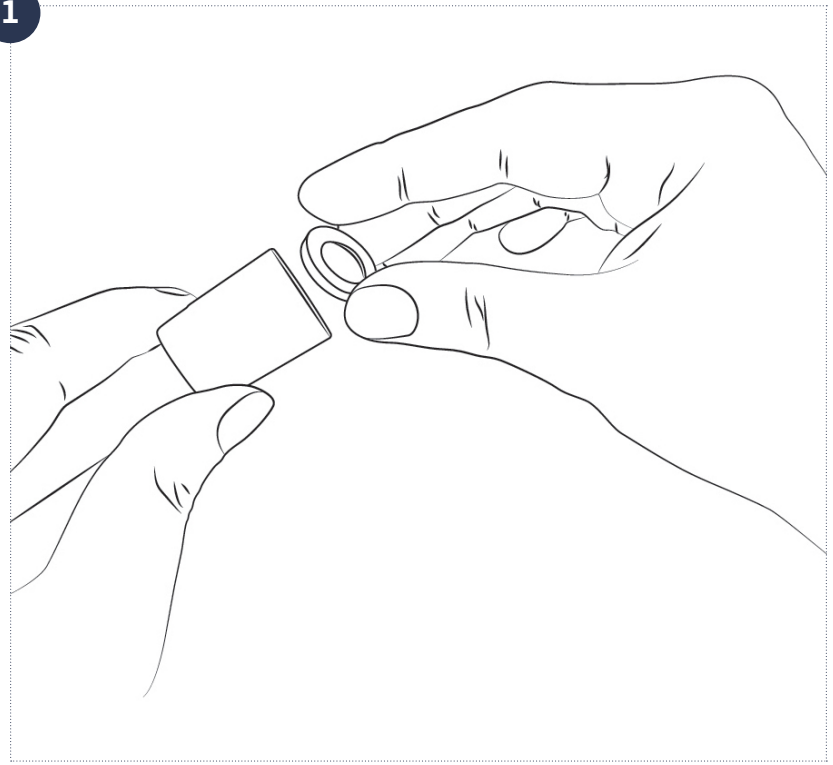
T-safe Medical In-Line 92 Day will effectively retain bacteria for a maximum period of up to 92 days, within the limitations of use as described herein.

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.

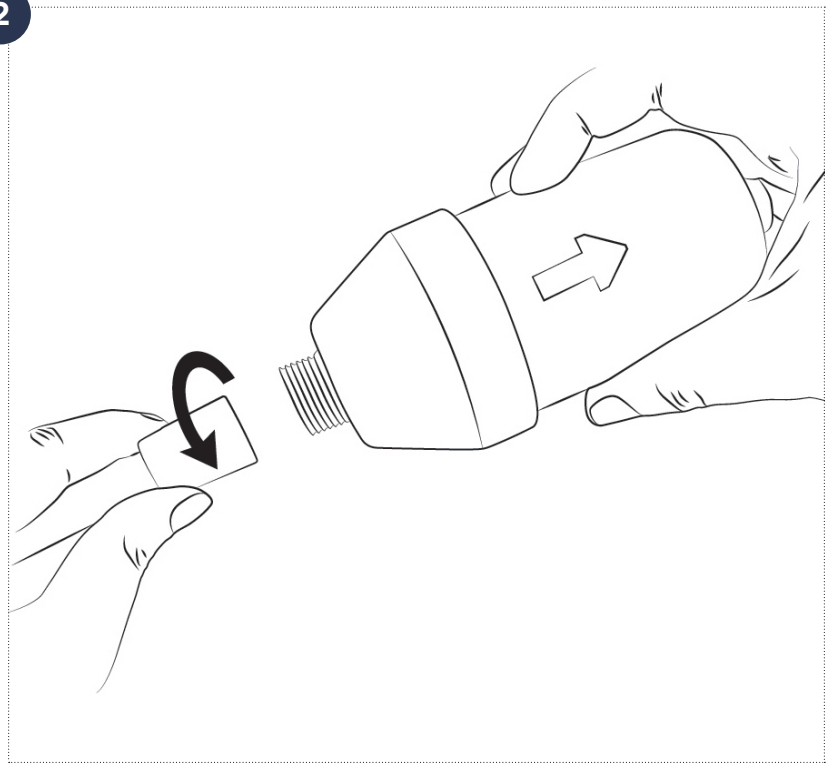
1. The enclosed gaskets are for the hoses and are to replace the previously installed gaskets. This is done every time a new T-safe Medical In-Line Filter is mounted, in order to ensure that the connections are tight. The connection only needs to be hand tight. Do not use a tool to tighten.

1



2. Fasten the first hose to the in-line filter so the water flows in the direction of the arrow. Make sure that the filter is correctly connected to the hose – an arrow on the side of the filter shows the flow direction.

2

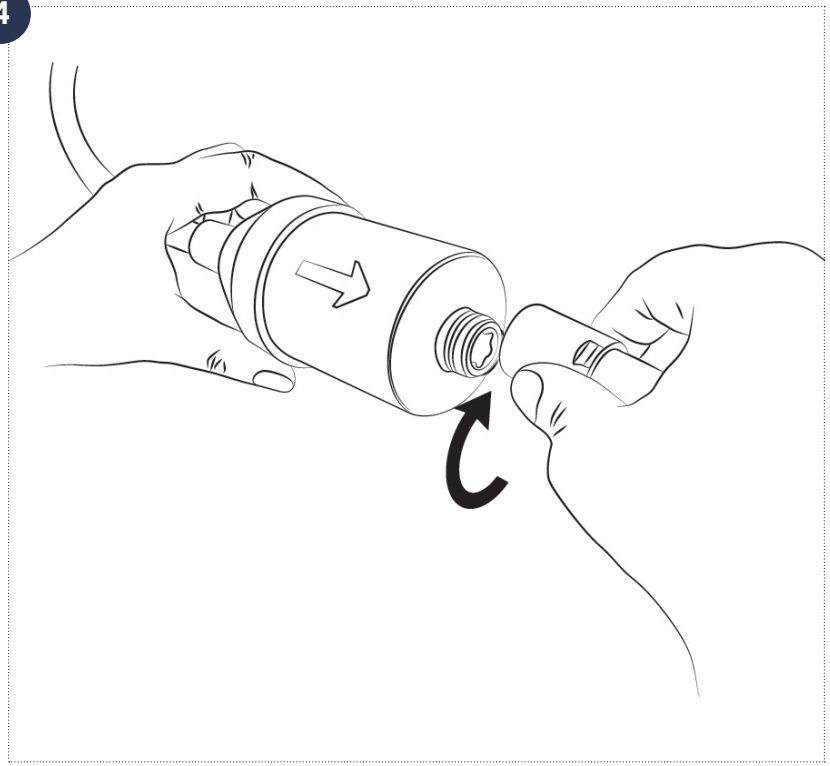


3. Replace the gasket in the second hose.

3

4. Fasten the second hose to the filter. After installation of the filter, make sure that the hoses are not twisted as to avoid reduced water flow. When the filter is installed make sure that the hoses are firmly placed as to avoid unnecessary damage of the filter.

4



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
- 1 ppm hydrogen peroxide
- 1 ppm monochloramine

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 with ordinary waste in accordance with applicable local regulations under the waste category number 180104 and 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. Optimal working range 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 concentration of salts, metals, lime scale, chemicals, pesticides and dyes

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