



## LEGIO.inline micro

Microfilter membrane cartridge

### Membrane technology in action

High levels of microbiological contamination can occur in water supply pipes. Simple disinfection measures usually do not provide sufficient protection for the user. In order to guarantee perfect water quality at all times, the LEGIO.inline micro consists of a microfiltration membrane with billions of microscopic pores that are small enough to retain bacteria and germs. In addition, larger particles

such as microplastics with a size of over 0.15 µm are filtered out. However, these pores are large enough to allow the water to pass through with the beneficial vital minerals it contains. Thanks to the outside-in technology, the membrane cartridge ensures that the high retention value for bacteria is maintained until the membrane is blocked, e.g. by sediment.



### Services

- Proven effectiveness in retaining bacteria and larger particles (microplastics) und größeren Partikeln (Mikroplastik)
- Long service life of up to 180 days (depending on the quality of the inlet water)
- Simple installation and easy filter replacement
- Versatile installation options thanks to connection adapters and brackets for every purpose
- Manufactured in Europe

### Applications


- Medical applications, e.g. endoscopy
- Drinking water filtration at the tapping point
- Coffee and water preparation in offices
- Beverage / dispenser machines
- Catering industry

Infection control

Inline filter

## Inline filter

### Technical data filter cartridge & performance data

Model number	90.2.004
	
Typ	LEGIO.inline micro
Max. dimensions	177 (L) x 80 (Ø) mm
Weight	280 g
Integrated metal thread	In 1/2" AG out 1/2" AG
Flow rate	15 L/min
Lifespan (max.)	180 days
Retention of bacteria <i>Brevundimonas Diminuta</i> <i>Pseudomonas Aeruginosa</i>	LOG 11

### Materials and technical data of the filter unit

Filter material	Capillary microfiltration membrane
Pore size	0,15 µm
Membrane area	0,8 m²
Max. operating pressure	5 bar
Operating temperature	0 - 60 °C
Storage & handling	<ul style="list-style-type: none"> <li>• Store in a dry place only; protect from frost after first use</li> <li>• Handle with care, protect from strong shocks</li> <li>• Disposable product, dispose of with household waste</li> </ul>
Filter change	Replace the filter unit when the capacity limit is reached or Replace after 180 days at the latest if the flow rate is reduced.
Recommendation	Remove LEGIO.inline micro during thermal disinfection

A membrane filter in combination with thermal/chemical disinfection improves compliance with the limit values for the number of colony-forming units per millilitre (CFU/ml) in accordance with the Drinking Water Ordinance (compared to thermal/chemical disinfection processes alone). All LEGIO products and components are subject to strict quality controls. Each product is individually tested for its function and effectiveness.

#### Disclaimer:

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