

LEGIO.inline ultra



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Ultrafilter 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 ultra consists of a ultrafiltration membrane with billions of microscopic pores that are small enough to retain bacteria and germs. In addition, larger particles such as micro-

plastics with a size of over 0.005 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)
- 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. dental- or ENT units
- Drinking water filtration at the tapping point

Infection control

Inline filter

Inline filter

Technical data filter cartridge & performance data

Model number	90.2.003
	
Typ	LEGIO.inline ultra
Max. dimensions	Ø 157 x 50 mm
Weight	110 g
Integrated metal thread	in 3/8" AG out 3/8" AG
Flow rate	bis 5 L/min
Lifespan (max.)	180 days
Retention of bacteria and viruses	Bacteria >LOG 11 Viruses >LOG 8

Materials and technical data of the filter unit

Filter material	Capillary ultrafiltration membrane
Pore size	0,005 µm
Max. operating pressure	5 bar
Operating temperature	0 - 60 °C ; 70 °C für 60 min at 2 bar during service life, 5 bar inlet pressure
Chlorine disinfection	in accordance with the Drinking Water Ordinance
Flow rate	2,000 litres during service life
Storage & handling	<ul style="list-style-type: none"> • Store in a dry place only; protect from frost after first use • Handle with care, protect from strong shocks • Disposable product, dispose of with household waste
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 ultra 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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