

i3 sterile filters: Infection prevention conforming to the MDR

i3 Membrane's second generation sterile filters set new standards

Medical device

Even with the stricter laws governing medical devices and the new Medical Device Regulation (MDR), i3 sterile filters meet all the requirements for a **Class I medical device**.

Retrograde protection

Because of the bacteriostatically active plastic which has been further improved, i3 sterile filters offer **reliable protection** against *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Escherichia coli*. This has been confirmed in accordance with ISO 22196 for the whole 50-day period of use.

Water jet

The patented **water jet is laminar and angled** to counteract the risk of contamination from the waste trap due to water splashing and aerosol formation.

Application

The use of sterile filters is recommended by KRINKO in its "Requirements for hygiene in the medical care of immunocompromised patients". New findings indicate that they can also be used to **prevent second infection in COVID-19 patients**, who can account for up to **50%**.

Quality

With a DIN EN ISO 13485-certified quality management system and **100% functional checking**, i3 Membrane is setting new standards in product safety and reliability.

Flow rate

The flow characteristics have been optimized by using new high performance membranes with the same compact filter design. This means **high flow rates** are ensured throughout the **whole usage period**, even when the water quality is poor.



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