

STERISAN®

The original

Efficient and sustainable at 40 °C: the low-temperature laundry process that is gentle on fibres, colours and resources.



The innovative STERISAN® method has both economical and ecological benefits for users. It is based on an active oxygen component and achieves a sustainable cleaning, bleaching and disinfection effect even in the low-temperature range of 40 °C.

The chemothermal STERISAN® System has been used daily worldwide for more than 10 years to wash more than 100 tons of laundry at just 40 °C. A significant contribution to the sustainable use of resources. According to a study by the Freiburg-based Oeko-Institut in Germany, the STERISAN® System was rated best from the ecological viewpoint among the three hygienic washing methods that were investigated. Water consumption is reduced by about 50%. Primary energy consumption is reduced by a third.



burnus HYCHEM

Laundry systems for professionals.
Innovative. Efficient. Sustainable.



STERISAN®

Highly innovative washing method for maximum effectiveness even at 40 °C.

Product type

Washing method for hygienic cleaning, bleaching and disinfection.

Low-temperature range

40 °C

Textiles

Ideal for all cotton textiles and blended fabrics, especially for flatwork and other laundry items from retirement and nursing homes and hotels for processing on continuous systems. Also suitable for heavily soiled workwear in the food industry in washer extractors, especially problem textiles in the fish and meat processing industries.

Seal of quality

STERISAN® meets the strict hygiene regulations of VAH (DGHM). The STERISAN® method is also highly effective against MRSA (Methicillin-resistant Staphylococcus aureus). Other awards for STERISAN®: The Innovation Prize of the Hessian Ministry for Economics, Transport and Regional Development, and within the scope of the "Energierland Hessen" competition, the Innovation Prize of the Hessian Ministry for Environment, Agriculture and Forestry.

Benefits

- **saves resources**
 - Drastically reduces water consumption on continuous systems and in washer extractors
 - Considerably reduces energy consumption compared to the usual 70 and 90 °C methods
- **very gentle**
 - Extremely gentle on fibres and colours, helping to prolong the life of the textiles
 - Fewer creases and less fluff
 - Treated textiles last up to 50% longer
- **reliable process**
 - Strong grease dissolving power
 - Safe bleaching and disinfecting effect
 - Optimally adjusted dosage technology
- **sustainable**
 - Increased wash loads possible with blended fabrics
 - No cost and time-consuming cool-down step
 - Reduced hazard potential
- **eco-compatible**
 - No formation of eco-critical AOX compounds
 - Lowers wastewater temperatures to below 35 °C
 - Compatible with existing wastewater treatment and recovery systems

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