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Cu

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Sn

Care instructions for silver-plated textiles

You have purchased a high quality product with special properties.

To keep the functions maintaining after several washing cycles, please consider following washing instructions:



Shieldex® products can be washed with a mild detergent in a common household washing machine. Do not use any optical brightener or bleach or any other auxiliaries and prevent the intake of chlorine water.



At 30 °C, mildest washing and lowest spinning program. A higher washing temperature is not necessary due to the antibacterial properties of silver. Do not use any substances for further disinfection treatment or de-tergent based on chlorine. Silver plated textiles with an additional PU-coating should not be tumble-dried at all. We recommend turning the garment inside out and place it in a laundry bag before washing.



Do not use any kinds of bleaching agents or chlorine. This will damage the silver coating and thread will lose its conductivity.



It is not recommended to iron the product. In regard to industrial or thermal fixation processes, which Statex is not aware of, the customer has to conduct own testing. Statex does not take any liability from damage caused by thermal treatment.



Preferably, air drying without direct and constant sunlight. If a drying treatment cannot be avoided, it must be set on the gentle cycle, since the sensitive surface can be damaged in direct contact with heat. Silver plated fabrics with an additional surface coating with polyurethane should not be dried in the dryer, but may only be dried in air.



There is no existing knowledge of any harm due to chemical cleaning treatment. But a preliminary test should always be carried out. Silver plated fabrics with an additional surface coating with polyurethane should not be dry cleaned. In some cases Shieldex® products are being washed with industrial treatment but the process of cleaning the treatment is not known to us. The function of a good surface resistivity depends on the washing agents being used and on the washing method being applied. To maintain a good conductivity it is necessary to conduct washing tests before. We strongly advise against the use of additives containing perchloric acid, as it has a negative impact on functionality and conductivity. Further it is recommended to measure the conductivity before and after the treatment.



If the purchased product is not intended for immediate use, we recommend keeping the product in the original packaging or storing it in a dry room at normal temperature ($20\text{ °C} \pm 2\text{ °C}$ and a humidity of $50\% \pm 10\%$). The storage room should protect the goods from direct sun and be free of acid and alkaline mediums.

Statex is not responsible for damages / injuries caused by unintended use. In general we recommend our customers to conduct washing tests on their own in regard to the product specifications with the endproduct. Precautionary we indicate that due to individual sweat compositions and medication usage, changes in the function of the surface resistivity might occur. Statex does not take any liability for this matter.
