

## KLEIBERIT 640.0



## UNCOMPROMISING RESISTANCE TO WASHING AND HOT STEAM STERILIZATION

The demands placed on reusable textiles in the medical sector are enormous. For example, they must withstand a certain number of boil-wash cycles at 90 °C followed by hot steam sterilization without losing quality or functionality.

With KLEIBERIT 640.0, KLEIBERIT offers a PUR warmmelt that achieves outstanding bonding performance on all common materials used in the manufacture of medical clothing. For example, KLEIBERIT 640.0 easily withstands 100 washing cycles at 90 °C, 100 drying cycles in industrial tumble dryers and subsequently 100 hot steam sterilization cycles at 134 °C on a polyester fabric with PTFE membrane. In addition, this warmmelt offers exceptionally good processing properties. Due to the high initial strength and good stability of the applied adhesive dots, process reliability during production is significantly increased.

### APPLICATIONS

- Bonding of all types of medical articles
- Heavy-duty textile bonding for protective clothing

### ADVANTAGES

- Withstands 100 hot steam sterilization cycles at 134 °C and 2.3 bar steam pressure
- Withstands 100 washing cycles at 90°C with disinfectant detergent
- Withstands 100 drying cycles in an industrial tumble dryer
- High initial strength immediately after bonding, low processing temperature
- Free of harmful substances, tested and certified according to OEKO-TEX® valid ECO PASSPORT: No. ZHXA 101889



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