

# Cleaning Instruction



This document contains important information on the cleaning and disinfection of Pearltec positioning aids. Pearltec positioning aids are made of PU-foil and manufactured through high frequency welding.

This ensures:

- Durability and structural integrity
- Perfectly hygienic surfaces, when cleaned correctly

The cleaning instructions are valid for the following product families:

- BabyFix
- Crania
- CT Gantry Cover
- CT HeadFix
- CT Table Cover
- FoamFit
- MR Safety Pad
- Multipad
- PearlFit
- ProBelt
- ProFoam
- ProFoam Table Mat
- Sandbag

## Cleaning Agent recommendation

Active substance	Cleaning agent*	Concentration*	Recommendation
Water	Dest. Water	100%	Compatible
Surfactants	Detergent	1%	Compatible
Alcohol	Isopropanol	50%	Compatible
Alcohol	Ethanol	80%	Compatible
Alcohols	Bacillol AF	100%	Compatible
Hydrogen Peroxide	Incidin OxyFoam	15%	Not compatible
Sodium Hypochlorite	Javel	1%	Not compatible
Hypochlorous Acid	Hydroliq Prof.	0.05%	Not compatible
Benzalkonium Chloride	Biguanid Fläche N	8%	Compatible

\*Cleaning agent and concentration used during testing

## Test Method

Two tests were performed for each cleaning agent:

- Wipe-Test: Repeated wiping and drying of the PU-foils
- Soak-Test: Immersion of the PU-foils in the cleaning agent

Following those tests, mechanical and visual inspections were performed on the foils.

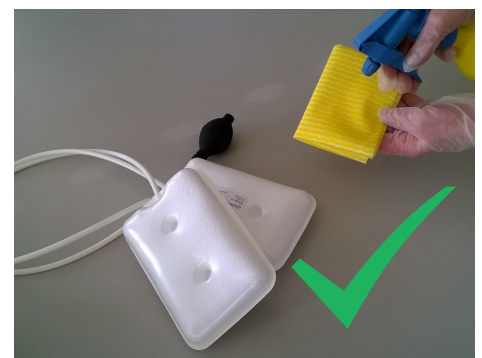
## Results

Substances/Cleaning agents classified as compatible did not cause any mechanical or visual damage to the material during testing.

Hydrogen peroxide as the active ingredient in cleaning agents attacks the PU structure of the foils and therefore is listed as not compatible. Cleaning agents containing hypochlorite compounds are not compatible, as they cause discoloration of the material.

## Further Cleaning and Disinfection Information

- A) Clean Pearltec product after each application with approved cleaning agent for surface disinfection.
- B) Thoroughly clean and disinfect the entire product surface by wiping, for example with prefabricated disinfection tissues. Do not spray/apply cleaning agent directly onto product. Do not sterilize products.
- C) ProFoam and ProBelt products (not ProBelt Thorax) can alternatively be immersed in a cleaning bath.
- D) Follow the instructions on the product information leaflet of your cleaning agent.
- E) Iodine stains on the PU foil interact with the polymer structure and cannot be removed by cleaning agents.



In case of any uncertainty regarding the compatibility of a cleaning agent, please contact us at [info@pearl-technology.ch](mailto:info@pearl-technology.ch)