



Washing and patching instructions

**Reusable
forced air warming
blankets/mats**

1. Washing instructions

Washing and repairing of the textile products of the **MoeckWarmingSystem®** must be carried out according to the manufacturer's instructions and in compliance with the local laws and local hygienic guidelines for hospital laundry.

Only thermochemical disinfection washing processes with peracetic acid/hydrogen peroxide and an effective range of A + B up to max 70°C, which are on the list of the German Robert-Koch Institute, may be used for the hygienic reprocessing of the textile products of the **MoeckWarmingSystem®**.

Disinfection washing processes on the list of the German Robert-Koch Institute and using disinfectants containing phthalimidoperoxyhexanoic acid (PAP) or mixtures of peracetic acid/hydrogen peroxide with peroxyoctanoic acid are not adapted and therefore not permitted.

It is also not permitted to use washing processes with temperatures below 60°C. Due to the use of very high concentrations of detergents, enzymes, bleaching agents etc., these processes often create an acidic environment, which can lead to a premature aging of the products after a few washing steps and hence reduce the product life-time. Possible damages are, for example, yellow discoloration/yellowing of the white material and/or detachment of the PU coating from the white carrier material.

Do not use fabric softeners. Fabric softeners can alter the hydrophilic surface property of the warming blanket/mat and lead to an accumulation of fluids/liquids on the blanket/mat.

It is required to strictly separate the textile products of the **MoeckWarmingSystem®** from other fabrics to avoid fluffing of the Velcro fasteners and to ensure the absence of particles.

The liquor ratio for the disinfection during the washing process is specified in the list of the Robert-Koch Institute. The rinsing steps should be carried out with a high level (ca. 1:5). Depending on the rinsing efficiency, 2 to 3 rinsing baths are needed. A cool down at the end of the last washing bath is recommended.

Intermediate spin cycles are allowed. The final spin cycle should last about 3 minutes.

The **MoeckWarmingSystem®** warming blankets/mats – especially the mats containing the 3D textile structure – should not be pressed but only centrifuged. The use of a press can cause irreparable damage to the three-dimensional spacing fabric. Washing tubes may be used, providing that they're equipped with a centrifuge.



Important

When using a centrifuge, set it to max. 250G. The use of higher settings may destroy the internal 3D textile structure.

Tumble-drying is allowed **up to 120°C with movement**. It is recommended to finish the drying process with a cooling time of 2 minutes. **To avoid any deformation, damaging or delamination of the warming blankets/mats, remove these from the dryer immediately after completion of the drying process.**



Important

The used disinfectants and processes must be approved by the local health authority (in Germany: tested by and on the list of the Robert-Koch Institute). The reprocessing must always be in accordance with local laws and local hygienic guidelines for laundry disinfection in washing machines.

Note:

Dry cleaning with perchlorethylene is possible but not recommended. Please contact the manufacturer for any further enquiry.

Example of a **washing recommendation**:

Machine type washer extractor 180 kg; 120 kg load

Product	Dosage [g/kg]	Liquor ratio [kg/l]	Temperature [°C]	Time [min]
1. bath		1:5		3
Tenalan W	12,5			
Enzonom	1,5	1:5	60	7
Penta-AKTIV	5	1:5	70	10
Cooldown			Up to 45	
Drain				
1. rinsing		1:5		3
Drain				1
2. rinsing		1:5		3
Acid	0,7			
Spin-dry				3

2. Patching instructions

Patching instructions for the barcode-labelling and repair-patches

Any conventional professional work garment patch intended for this purpose may be used.
(See "repair material" in the following table)

	Temperature [°C]	Time [seconds]	Repair material ¹ [item number]
Textile, green	204 - 210	10-12	PB0201, PB0736
Textile, white²	180 - 200	8-10	PB0249
Label	204 - 210	8	

¹see reference source for patches

²with PU coating. Patches allowed on the non-coated side only.

Patching instructions for repairs to the air inlet

Place a piece of cardboard or cloth (heat-resistant material, to dissipate heat) in the air inlet between the area to be repaired and the top/bottom side. Patch with the parameters mentioned above and remove the inserted cardboard/cloth.



Important

Patch the warming blankets/mats in single layers and with top heat only.

Supplier patches:

ThermoTex Nagel GmbH
Tel: +49-(0)781-9616-0
E-Mail: info@thermo-tex.de
Web: www.thermo-tex.de

3. Repairing instructions

Only use fabrics from certified manufacturers when repairing the blankets/mats.

Supplier fabric/snap fastener: Moeck & Moeck GmbH
Tel: +49-(0)40-4111-4111
E-Mail: info@moeckundmoeck.de
Web: www.moeckundmoeck.de



Important

The patched/repared area may not exceed 1% of the air outlet fabric (green filament), if necessary the blanket/mat has to be replaced.

Manufacturer data

Contact



Moeck & Moeck GmbH
Waidmannstrasse 12 d
22769 Hamburg
Germany

Tel: +49-(0)40-4111-4111
Fax: +49-(0)40-4116-7354

Email: info@moeckundmoeck.de

Web: www.moeckwarmingssystem.com
www.moeckundmoeck.de

Copyright

These operating instructions have been compiled by Moeck & Moeck GmbH and checked for correctness. The company however lays no claim to the instructions being complete. All details and data may be changed without prior notice.

No part of these operating instructions may be reproduced or transferred for any purpose whatsoever without explicit approval by Moeck & Moeck GmbH, irrespective of the manner or means used, be it electronically or manually.

© 2016 Moeck & Moeck GmbH