LIBACCE

PU Hospital Mattress Cover

Product Specification Sheet

1. Product Overview

The Libacce PU Hospital Mattress Cover encloses the whole mattress in a waterproof, breathable, polyurethane-coated polyester knit. Two-way stretch reduces micro-wrinkles on the sleeping surface, and a zip on two sides allows fast fitting and removal without lifting the mattress. The cover is wipeable, can be machine washed at up to 85 °C, and is designed for hospitals, nursing homes, care homes and hotels.

2. Technical Data

Parameter	Specification
Product name	PU Hospital Mattress Cover
Material	High-elasticity polyester knit with PU coating
Barrier fabric composition	37% polyurethane / 63% polyester
Fabric weight	120–300 g/m²
Stretch	Two-way
Closure	Zip on two sides
Sizes	Made to mattress dimensions (length, width, depth)
Corners	Rounded or square, per customer mattress
Hydrostatic head	≥ 2 m water column (EN 20811)
Water-vapour permeability	≥ 500 g/m²/24 h (ASTM E96)
Flame retardancy	Passes BS 7175 Crib 5
Autoclave resistance	20 cycles at 121 °C, 20 min
Washing	Wipe clean, or machine wash up to 85 °C
OEKO-TEX®	Standard 100, Class 1 (cert. 1506032, Centexbel)
Surface finish	Antibacterial, anti-fungal, dust-resistant

3. Performance Properties

- **Waterproof:** protects the mattress core against blood, infusion fluids and urine.
- **Breathable:** vapour-permeable PU membrane; liquid stays on the surface while vapour passes through, reducing sweating.
- **Hygienic:** antibacterial, anti-fungal and dust-resistant finish; wipeable surface.
- **Durable:** withstands repeated hot washing and autoclave cycles.
- **Flexible:** two-way stretch moves with the patient and the mattress.
- **Fire safety:** passes BS 7175 Crib 5.

4. Construction

Layer	Description
PU coating	100% polyurethane, waterproof and vapour-permeable
Base knit	100% polyester, two-way stretch
Mattress core	Compatible with foam cores of 14–36 kg/m³

5. Customisation Options (OEM / Private Label)

- Custom dimensions, including hospital, neonatal incubator and non-standard mattress sizes
- Fabric weight selection (120–300 g/m²): lighter for softness and flexibility, heavier for intensive use
- Fabric and membrane selection, colours
- Zipper and closure systems
- Own label, branding and packaging
- Welded seamless construction (HF or ultrasonic) available as a separate product for a continuous fluid barrier without needle holes

A sample run is produced before series production so the cover can be tested on the customer's own mattress.

6. Ordering Information

To receive a quotation, please provide:

1. Mattress length, width and depth
2. Corner type (rounded or square)
3. Quantity
4. Place of use (hospital, care home, hotel, etc.) and target market
5. Branding, labelling and packaging requirements, if any

Indicative price	From €18.00 per piece at a minimum of 600 pieces (excl. VAT and shipping); final price depends on size and specification
Minimum order	600 pieces for the price above; flexible minimums for products made from fabrics held in stock; custom productions quoted per programme
Lead time	Typically 2–9 weeks depending on order size, confirmed in writing in the quotation
Export packaging	Prepared for export; flexible delivery terms

7. Applications

Hospitals and clinics · Nursing homes · Care homes and elderly care facilities · Hotels and hospitality · Home care

8. Care Instructions

Wipe clean with a damp cloth, or machine wash at up to 85 °C. Autoclavable (20 cycles at 121 °C, 20 min). Always follow the care label of the specific model.

9. Quality and Compliance

- ISO 13485 certified manufacturer
- OEKO-TEX® Standard 100, Class 1 (Centexbel, cert. 1506032)
- In-house testing of samples; biological tests carried out at an external laboratory
- Products designed, cut, sewn, welded, inspected and packed in Libacce's own facility in İstanbul

10. Contact

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Values are typical and based on Libacce's published product data. Specifications may vary with the chosen construction and are confirmed in the quotation.