Optimal 5zon® BM

Pressure injuries cause significant suffering for those affected and significant costs for society. A largre proportion of pressure injuries that occur can be prevented[4].

For a support surface to have preventive effect, there needs to be a balance between the individual being enveloped by the material and pressure being evenly distributed across the surface, while the foam provides sufficient support to prevent bottoming out.



Castellated overlay mattress for even pressure distribution

With high-quality foam combined with a castellated overlay mattress, Optimal 5zon® BM is designed to promote comfort and pressure distribution.

The castellated overlay mattress is tailored to the amount of pressure required for different parts of the body to be enveloped by the support surface. For lighter body parts, such as the heels, the support surface has smaller-sized cubes to promote good and even pressure distribution across the body.

The quality of the foam affects patient safety

Using high-quality foam is critical to ensure patient safety and a long lifespan of the support surface. Optimal 5zon® BM consists of high-density foam (kg/m3), which increases its ability to support the individual without the risk of bottoming out, while also providing high resistance to fatigue and conditions for a long lifespan. This results in a durable support surface that needs to be replaced less frequently, leading to lower costs over time.

Covers for hygiene and reduced shear

The support surface is supplied with a removeable and liquidproof hygiene cover for easy cleaning. The hygiene cover is manufactured in a four-way stretch[2][3] fabric to reduce the risk of shear forces, and is vapour-permeable[4] to lower the risk of skin maceration. The hygiene cover also features a liquidproof zipper.

Available covers:



Olivia

- Sewn seams
- Color: light grey
- Material: 55 % polyester, 45 % polyurethane coating

0-150 Kg | Category 1 2 3 4 | Anti shear | CE

Technical specification	
Pressure injury category	Up to and including category II[1]
Recommended user weight	Up to 150 kg
Type of support surface	Overlay mattress
Height	6 cm
Material foam core	Cold foam, 65kg/m3 + 90N
Sizes	80/85/90×200/205/210 cm and 105/120×200 cm
Fire	EN 597-1, -2
Cleaning instruction	Cleaning of cover: wipe with cleaning agent and/or disinfectants. Machine wash max 95 °C, tumble drying.
CE-marking	Registered and marked in accordance with MDR (EU) 2017/745.
Features	Lined foam core, castellated overlay mattress, hygiene cover

MADE IN EU

References

(1) National Pressure Injury Advisory Panel, European Pressure Ulcer Advisory Panel and Pan Pacific Pressure Injury Alliance. Prevention and Treatment of Pressure Ulcers/Injuries: Clinical Practice Guideline. The International Guideline: Fourth Edition. Emily Haesler (Ed.). 2025. (2) SS-EN ISO 15496:2004, DIN 53122-1. (3) Patent number 008522741. (4) Socialstyrelsen. (2018). Appendix 2: Vårddagskostnader för undvikbara trycksår – Ett räkneexempel.

Always read the instructions for use prior to use.

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