

# Density850Mattress



Polyurethane HR + Viscoelastic



HR foam density 40kg



Viscoelastic density 85kg



Natural latex free 100% NATURAL LATEX FREE



Thermo-adaptable material



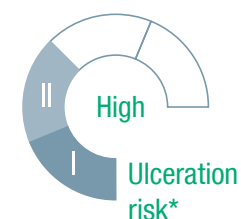
Breathable material



Anti-allergy materia



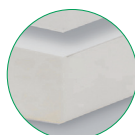
Heel-Relief



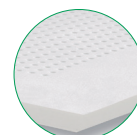
## + Mattress characteristics

Specially designed mattress to be used in hospital and health centres, for bariatric patients with high ulceration risk, as well as for mitigate pressure ulcers or sores in medium stage.

## + Core



- 1 High density polyurethane foam based core (40 kg/m<sup>3</sup>) with a microcellular structure, that allows the air circulation in the inside, avoiding humidity. Height 14 cm.



- 2 Upper layer made of high density (85 kg/m<sup>3</sup>) viscoelastic, MF. Mind Foam, with open cells sensitive to weight and body temperature. 4 cm. height.

## + Technical specifications

Core height	18 cm.
Core weight	18 kg.
Maximum patient weight (MPW)	300 kg.
Ulceration risk	II - High
Available widths	100 / 105 / 120 cm.
Available lengths	180 / 190 / 200 cm.



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## + Core characteristics



- La MF. Mind Foam, is able to adapt itself perfectly to the body form and anatomic position, creating favourable and pleasant feeling of wellness, due to its slow return.
- Perforated viscoelastic foam by Airform System, to provide different firmness to the mattress depending on the areas where most pressure is going to be made, and also an air circulation improvement and avoids patient maceration.
- To provide more firmness in the body area with more weight practiced,

lumbar area, fewer perforations are performed.

- Heel-Relief area, lower section slightly decreased, to prevent the pressure increase on heels and avoid ulcers generation.
- All foams are Oeko-Tex class I and REACH certified.
- Mattress base framed, for an optimal adaptability of the mattress core.
- OPTIONAL: Cut the mattress corners for better adaptability to beds.

## + Pressure map

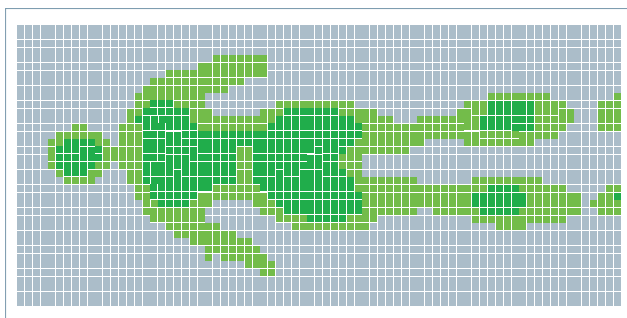
The contact pressure test shows that a Model user keeps in contact most parts of the body, no matter in the whatever position is taken, consequently there is a large contact surface between the mattress and the user, avoiding high pressure points that may cause pressure ulcers (bedsores).

The test prove that it is a mattress ideal to be used with bariatric patients, who has to stay long time in bed, as it is very comfortable and adapted to the patient.

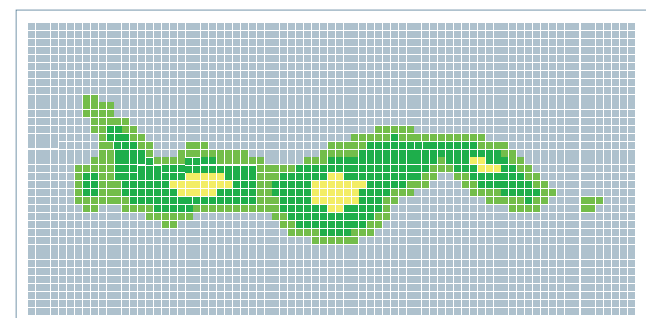
In positions such as supine or Fowler, the medium pressure showed didn't exceed 6 mmHg.

In other positions, lateral or seated, the Model didn't overcome 18 mmHg. It is recommended not overcome 32 mmHg.

Furthermore, for a greater patient comfort, this mattress is designed to be use preferably with phenolic bed bases, due to its high firmness.



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