



# THE LENTEX MAGMA

A hygienic mattress for high fire risk environments

When it comes to fire safety, prevention is always the best policy. The Lentex Magma has been developed for care environments with an increased risk of fire, whether due to arson or other circumstances.

- **IT HAS BEEN TESTED TO ONE OF THE WORLD'S TOUGHEST FIRE STANDARDS SS 876 00 10**, equivalent to NT-Fire 055, one of the world's highest fire standards for mattresses.
- **SEMI-TRANSPARENT LAMINATE** ensures contaminated foam cores can be detected more easily.
- **COMPLETELY SEAMLESS AND ZIPPERLESS** to reduce the risk of contamination of the foam core of the mattress
- **EXTREMELY FLEXIBLE COVER** enables Immersion and Envelopment. A key factor for good pressure relief.
- **UNIQUE SURFACE FOR EFFECTIVE CLEANING** The cover retains up to 73% more disinfectant\* when cleaning, thanks to the unique structure of the surface layer.

*\* Study, Germany 1999*



# LENTEX MAGMA

DEVELOPED FOR HIGH COMFORT AND VERY GOOD PRESSURE RELIEF.

## Approved for bed and mattress disinfection

As bed and mattress disinfection is becoming increasingly automated, it is important that products can withstand this treatment without becoming waterlogged or swollen. Our Lentex mattresses have been tested and approved for bed and mattress disinfection by Sonosteam/Semi Staal.

## Relief for protruding body parts

The foam core consists of three layers with carefully selected foam types. Together with the unique surface layer Lentex®, this provides the conditions for very good pressure relief. The mattress has a documented low pressure (49 mm/Hg) effect on protruding body parts, such as heels and shoulders, which means a separate heel zone is not required.

## Durability and sitting function

The mattress has been fatigue tested to standard SS 876 00 11 with good results. This means the mattress can be used in a sitting capacity with a raised back position in bed.

12 cm CMHR foam 37 kg/m<sup>3</sup>

## THE STANDARD FOR THE OBJECTIVE EVALUATION OF THE PRESSURE-RELIEVING PROPERTIES OF MATTRESSES.

To obtain an objective assessment of the pressure-relieving properties of mattresses, RISE has developed a standard with indenters to measure the actual pressure relief a mattress provides. This method is described in the Swedish standard SS 876 00 13.

The Lentex® Magma has been tested by RISE according to SS 876 00 13 and provides pressure relief up to and including wound category 2.

The test results are presented below.

Load	Extra low	Low	Average	High
Large indenter 300 N	< 30.0	30.0 - 34.9	35.0 - 39.9	40.0 - 44.9
Large indenter 600 N	< 45.0	45.0 - 52.9	53.0 - 60.9	61.0 - 68.9
Small indenter 40 N	< 45.0	45.0 - 52.9	53.0 - 60.9	61.0 - 68.9

Mattress	Large indenter 300 N	Large indenter 600 N	Small indenter 40 N
Lentex Magma	33	46	49

\*RISE (Research Institutes of Sweden), a Swedish independent research institute - [www.ri.se](http://www.ri.se)

## PRODUCT SPECIFICATIONS



<b>Materials</b>	12 cm CMHR foam 37kg/m <sup>3</sup> The Lentex® surface layer is made of polyurethane.
<b>Sizes</b>	200/205/210 x 80/85/90/105/120 x 13 cm (For other sizes, please contact Järven Health Care.)
<b>Wound category</b>	Up to and including category 2
<b>Mattress weight</b>	7-12 kg depending on length and breadth
<b>Hygiene</b>	SS-EN ISO 811.
<b>Mattress disinfection</b>	Approved by Sonosteam/Semistaal
<b>Max user weight</b>	180 kg.

<b>Guarantee</b>	2 years for structural fatigue of the core B value of the mattress according to SS 876 00 11. 5 years for wear and tear to structural adhesion of the Lentex layer.
<b>Fire safety</b>	SS 876 00 10:2016 (test method NT-fire 055) SS 876 00 01, normal risk (test method EN 597-1 & 2)
<b>Recycling</b>	Fully recyclable. Sort as combustible waste. Dismantling not necessary.
<b>Marking</b>	Year of manufacture, month, day, EAN, care instructions, contact information, standards compliance & placement on bed.



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