

# MAGMA

Hygienic mattress for environments with high fire safety demands



Meets one of the  
world's highest fire  
safety standards

Our unique  
surface layer  
Lentex®

No seams or  
zips to prevent  
contamination

Up to and  
including  
Category 2

**LENTEX** is our range of hygienic mattresses with our unique surface layer Lentex®.

# LENTEX MAGMA



**The Magma Hygiene Mattress** was the first hygiene mattress to be tested by SP, the Swedish Institute for Testing and Research, fulfilling the SS 876 00 10 standard, which is the equivalent of NT-Fire 055, **the highest fire safety standard for mattresses in the world.** Magma also fulfils the BS7188:2008 Medium Hazard standard.

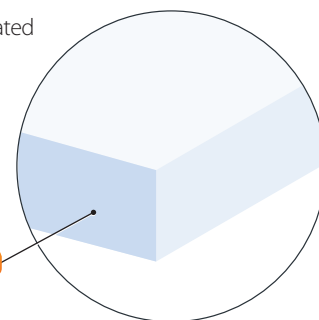
Magma has a volumetric weight of 37 kilograms/m<sup>3</sup>. The surface layer Lentex® surrounds the core of the mattress. The Magma Hygiene Mattress meets the BS 7177:2008 Medium Hazard and SS 876 00 10:2016 standards, which is the equivalent of NT-Fire 055, one of the highest fire safety standards for mattresses in the world.

**This mattress is equipped with Järven's unique surface layer Lentex®** which is laminated directly onto the foam core. This means that it has no seams or zippers.

The surface layer comes only in a fresh white colour which facilitates contamination detection on the surface of the mattress. Cleaning of the mattress is done by wiping and disinfecting the mattress surface directly.

**Active Membrane technology** allows the mattress to breathe and reduces the risk of fluid penetration. Our unique surface layer Lentex® has been developed, alongside the foam core, to reduce the pressure against the patient and provide excellent comfort.

12 cm CMHR-skum 37kg/m<sup>3</sup>



To get an objective assessment all of our Lentex mattresses has been tested by Swerea MF using test method SS 876 00 13. Results presented below.

| Mattress | Large indenter 300 N | Large indenter 600 N | Small indenter 40 N |
|----------|----------------------|----------------------|---------------------|
| Magma    | 36                   | 56                   | 52                  |

## FACTS ABOUT PRESSURE MEASUREMENT

To bypass the individual impact from different people, Swerea IVF has developed pressure indenters that simulate the shapes of selected parts of the human body. By applying a load equal to that of a human body of average weight on these indenters, it is possible to objectively evaluate different mattresses and beds using pressure mats. This method of measurement is described in the Swedish standard with the designation SS 876 00 13

## Classification of pressure results for mattresses in new condition.

| Load                 | Extra low | Low         | Medium      | 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 |

# PRODUCT SPECIFICATIONS

**Material** The mattress core is 12 cm CMHR-foam 37 kg/m<sup>3</sup>.  
Surface layer Lentex® is made of polyuretan.

**Sizes** 200 x 80/85/90 x 12 cm  
(For other sizes please contact Järven Health Care.)

**Ulcer category** Up to and including category 2

**Mattress weight** 8 kg (standard size)

**Hygien** SS-EN 20811.

**User weight** Up to 150 kg.

**Warranty** 1 years for structural fatigue of the mattress core's B value in accordance with SS 876 00 11.  
5 years for the Lentex surface adhesion.

**Fire standard** SS 876 00 10:2016, test method EN 597-1 & 2. NT-Fire 055.

**Recycling** The mattress and its cover are fully recyclable and should be sorted as combustible waste.  
No dismantling is required.

**Labelling** Manufactured year-month-week, GS1, maintenance instructions, contact information, met standards and positioning in bed.



certified for use with Sonosteam/Semi Staal



**Järven Health Care**

Bromsvägen 3 | SE-891 60 Örnsköldsvik | SWEDEN  
Telefon: 0660 - 22 28 50 | Telefax: 0660 - 824 10  
www.jarven.se | healthcare@jarven.se