

# MAGMA



Hygiene mattress for environments with high fire safety demands



Meets one of the world's highest fire safety standards

Features our unique Lentex® surface layer

Prevents contamination with no seams or zips

Up to and including Category 2

LENTEX is Järven Health Care's range of hygiene mattresses with our unique Lentex® surface layer.

# LENTEX<sup>®</sup> MAGMA

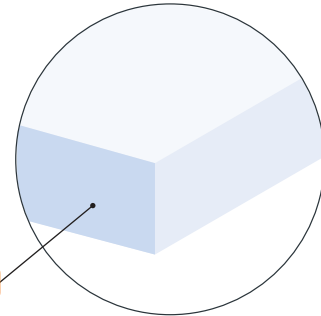


**The Magma from Järven Healthcare** was the first hygiene mattress to be tested by SP (the Swedish Institute for Testing and Research) that fulfils the SS 8760010:2016 standard. This is the equivalent of NT-Fire 055, **the highest fire safety standard for mattresses in the world.** Magma also fulfils the BS7188:2008 Medium Hazard standard.

**Magma** is a pressure-relieving hygiene mattress, with a core constructed from CMHR (Combustion Modified High Resilience) foam, that meets the highest fire safety standards. The core is enclosed within a seamless Lentex surface layer to prevent contamination. Magma has a volume weight of 37 kg/m<sup>3</sup>, a height of 12 cm and can aid the prevention of pressure ulcers up to and including Category 2.

**Järven's unique Lentex surface layer** is laminated directly onto the foam core, meaning it has no perforating seams or zips. The light colour of Lentex facilitates detection of contaminants on the mattress surface, which can easily be cleaned by wiping and disinfecting.

**Active Membrane technology** allows the mattress to breathe whilst reducing the risk of fluid penetration. The Lentex surface layer, together with the foam core, is specially designed to provide both comfort and pressure relief for the patient.



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

**The Magma hygiene mattress has undergone pressure management testing at the independent testing institute Swerea IVF.** This provides an objective assessment of the pressure relief properties of the mattress. See below for the results.

Mattress	Large impression body 300 N	Large impression body 600 N	Small impression body 40 N
Magma	33	46	49

## PRESSURE MEASUREMENT FACTS

To avoid individual influences from different people, Swerea IVF has developed impression bodies, which simulate the shape of selected parts of the human body. Giving these impression bodies a load that is representative of an average human body, different mattresses and beds can be evaluated objectively using pressure mats. The measurement method is described in the Swedish standard SS 8760013.

## Classification of pressure results for mattresses in new condition (mm Hg).

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

## Product Specifications

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

**PRESSURE ULCER CATEGORY:** 1-2.

**USER WEIGHT:** Up to 150 kg.

**MATTRESS WEIGHT:** Approximately 8 kg depending on the mattress size.

**MATERIALS:** **Mattress core:** 12cm CMHR fire retardant foam 37 kg/m<sup>3</sup>.  
**Lentex surface layer:** Polyurethane.

**FIRE SAFETY STANDARDS:** SS 8760010:2016, EN 597-1 and 2, NT-Fire 055.

**HYGIENE:** Hydrostatic pressure test SS-EN ISO 811.

**WARRANTIES:** **Mattress core:** 1 year on fatigue of mattress core (B-rating according to SS 8760011).  
**Lentex surface layer:** 5 years on fatigue.

**RECYCLING:** The mattress and cover are completely energy-recoverable and can be sorted as combustible waste. No disassembly is necessary.

**LABELLING:** Date of manufacture, EAN, care instructions, contact information, compliant standards and placement in bed.



**Järven Health Care**

Bromsvägen 3 | SE-891 60 Örnsköldsvik | SWEDEN  
Telephone: +46 660-22 28 50 | Fax: +46 660-824 10  
www.jarven.se | healthcare@jarven.se