

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



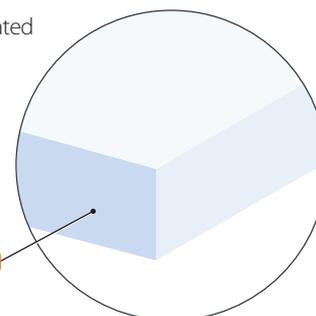
The Magma Hygiene Mattress was the first hygiene mattress to be tested by SP, the Swedish Institute for Testing and Research, fulfilling the SS 876 00 10 standard, which is the equivalent of NT-Fire 055, **the highest fire safety standard for mattresses in the world.** Magma also fulfils the BS7188:2008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

Magma has a volumetric weight of 37 kilograms/m³. 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/m³

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 ³ . Surface layer Lentex [®] is made of polyuretan.	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.
Sizes	200 x 80/85/90 x 12 cm <i>(For other sizes please contact Järven Health Care.)</i>	Fire standard	SS 876 00 10:2016, test method EN 597-1 & 2. NT-Fire 055.
Ulcer category	Up to and including category 2	Recycling	The mattress and its cover are fully recyclable and should be sorted as combustible waste. No dismantling is required.
Mattress weight	8 kg (standard size)	Labelling	Manufactured year-month-week, GS1, maintenance instructions, contact information, met standards and positioning in bed.
Hygien	SS-EN 20811.		
User weight	Up to 150 kg.		



certified for use with Sonosteam/Semi Staal



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