



Magma

A pressure-relieving hygiene mattress with a focus on fire safety

Fires in hospitals are every manager's nightmare. Although some departments have a higher risk of fire, fire safety awareness is important everywhere. Our Magma mattress is designed to reduce the risk of fire, which is valuable in all healthcare environments.

- **WELL-DOCUMENTED FIRE SAFETY!**
The mattress has been tested and approved in accordance with:
 - EN597-1&2:1995
 - BS 6807:2006 Crib 5
 - BS 7177:2008 Medium Hazard
 - SS 876 00 10:2016.
- **HELPS SPOT CONTAMINATION.**
With a semi-transparent laminate, it is easier to detect contaminated foam cores, and the white surface layer facilitates the detection of impurities.
- **COMPLETELY SEAMLESS AND ZIPPER-FREE**
to reduce the risk of contamination of the foam core of the mattress.
- **ENABLING IMMERSION & ENVELOPMENT**
with our extremely flexible laminate. Two of the most important biomechanical properties for effective pressure relief.*
- **UNIQUE SURFACE FOR EFFECTIVE CLEANING.**
Thanks to the unique structure of the surface layer, external studies have shown that the coating retains up to 73% more disinfectant** during cleaning.



Magma

A PRESSURE-RELIEVING HYGIENE MATTRESS WITH A FOCUS ON FIRE SAFETY.

Magma is designed to contribute to fire safety in healthcare. With a specially developed, flame-resistant HR foam core, the mattress meets some of the toughest standards in the world, such as BS 6807:2006 Medium Hazard Crib 5 and SS 876 00 10:2016.

The HR foam also produces less smoke than many other types of foam. Choosing a mattress that actively helps to reduce the risk of fire is an important step towards a safer environment for both patients and staff.

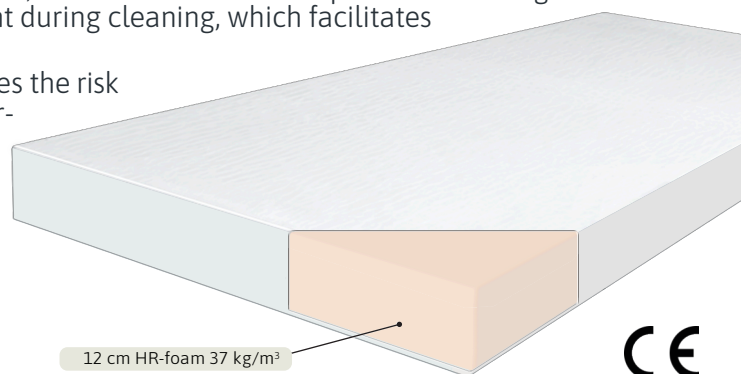
In addition, the flexibility of the surface layer is a major advantage for pressure relief, as it allows for good immersion and envelopment of the patient.

Unique advantages of LENTEX

Magma is laminated with our unique Lentex surface layer, which offers several important advantages. The surface structure retains up to 73% more disinfectant during cleaning, which facilitates daily hygiene routines.

The surface layer has no seams or zippers, which reduces the risk of contamination of the foam core. If this should nevertheless occur, any stains will be visible through the semi-transparent laminate.

This combination of fire safety and LENTEX's unique properties makes Magma a reliable choice.



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

In order to obtain an objective assessment of the pressure relieving properties of mattresses, RISE has developed a standard where the actual counterpressure of a mattress is measured by means of an indentational body. The measurement method is described in the Swedish standard SS 876 00 13.

Magma has been tested by RISE* according to method SS 876 00 13 and is pressure relieving up to wound category 2.

The test results are presented below.

| Load capacity | 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 |

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

* Research Institutes of Sweden

Product specifications

| | |
|----------------------|--|
| Materials | 12 cm HR-skum 37kg/m ³ Lentex® surface layer is made of polyuretan |
| Sizes | 200/205/210 x 80/85/90/105/120 x 12 cm (For other sizes, contact Järven Health Care.) |
| Category | Up to and including wound category 2 |
| Hygiene | SS-EN ISO 811. |
| Mattress wash | Approved by Sonosteam/Semistaal |

| | |
|------------------------|--|
| Mattress weight | 7-12 kg depending on length and width |
| Max user weight | 180 kg |
| Warranty | 2 years for fatigue of the mattress core's B value according to SS 876 00 11. 5 years with age depreciation on adhesion 5 years for the mattress surface layer B value according to SS 876 00 11 |
| Fire standards | Refer to the first page of the product sheet. |



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