



A top-performing  
pressure-relieving  
hygiene mattress



Features our  
unique Lentex®  
surface layer

Active Membrane  
breathable  
technology

Prevents  
contamination  
with no seams  
or zips

Up to and  
including  
Category 3



The airO is a six-layer pressure-relieving mattress with a height of 20 cm, specially designed to aid the prevention and treatment of pressure ulcers up to and including Category 3. The carefully selected foam core layers, in combination with the Lentex surface layer, reduce the risk of shear. The mattress is suitable for use by both lighter and heavier patients. An excellent choice for use in nursing and social care environments.

### Hygiene Mattress

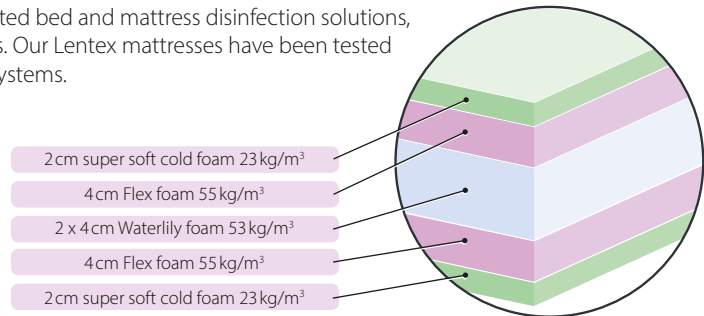
Järven's unique Lentex® surface layer is laminated directly onto the foam core, meaning it has no perforating seams or zips. This contributes to the water resistance properties of the mattress (tested according to standard SS-EN 20811), offering advantages in terms of hygiene and cleaning. The light 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.

### Approved for automated bed and mattress cleaning

As it becomes increasingly common to use automated bed and mattress disinfection solutions, it is important that products can handle the process. Our Lentex mattresses have been tested and approved for use with SonoSteam/Semi Staal systems.

### Pressure relief functions

The foam core consists of six layers of carefully selected types of foam, chosen for their pressure-relieving and comfort properties. Combined with the Lentex surface layer, this mattress offers good hygiene, comfort and pressure relief for the patient.



### The airO 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
airO	28.5	43.1	45.2

### 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 20cm.

*For other sizes please contact Järven Health Care.*

**PRESSURE ULCER CATEGORY:** 1-3.

**USER WEIGHT:** Up to 300kg.

**MATTRESS WEIGHT:** Approximately 11-13 kg depending on the mattress size.

**MATERIALS:** **Mattress core:** 2cm super soft cold foam 23 kg/m<sup>3</sup>, 4cm Flex foam 55 kg/m<sup>3</sup>, 4cm Waterlily foam 53 kg/m<sup>3</sup>.

**Lentex surface layer:** Polyurethane.

**FIRE SAFETY STANDARDS:** SS 8760001, EN 597-1 and 2.

**HYGIENE:** Hydrostatic pressure test SS-EN 20811.

**WARRANTIES:** **Mattress core:** 4 years 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. Place available for own labelling.



certified for use with SonoSteam/Semi Staal



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