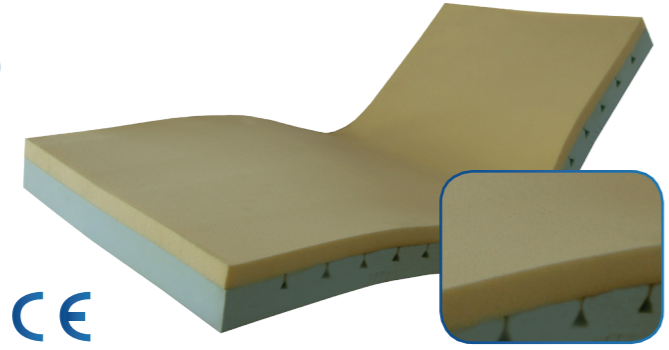


Extra

- Single-sided anti-decubitus mattress designed for bariatric patients
- Suitable for healthcare, nursing and home care for patients with higher weight
- Mattress is designed for patients with medium risk of pressure ulcers (II degree)
- The lower support layer made of PUR foam provides high load capacity and long-term durability of the mattress
- Lateral prunings of the lower layer improve air circulation and also divide the mattress into 3 zones according to stiffness
- The top layer of the mattress made of cold HR foam gives the mattress optimum stiffness and provides excellent weight distribution of the patient
- Standard mattress thickness 14 cm
- Optimal preventive anti-decubitus effect is for patients weighing from 100 to 250 kg

II decubitus 3 zones 250 kg 14 cm HR foam PUR foam

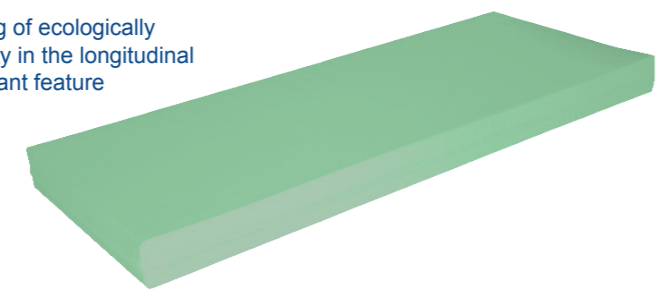


MATTRESS COVERS

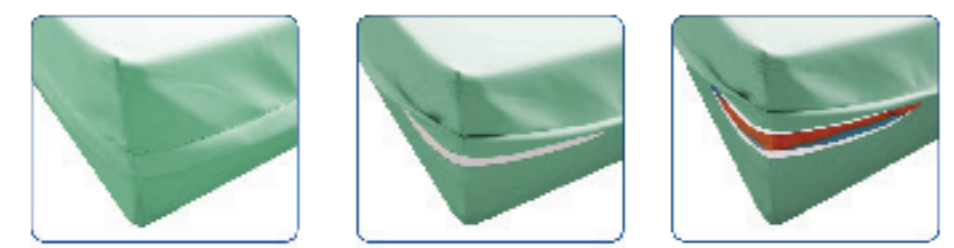
SAFR

The cover SAFR with its properties is particularly suitable for use in healthcare and nursing sector. This removable cover is made of polyester fabric with coating of ecologically pure polyurethane. The advantages of this material are mainly durability, flexibility in the longitudinal and transverse direction, breathability, water resistance and durability. An important feature is the resistance to the effects of urine and blood. The cover is anti-allergic and anti-bacterial, it can be treated by conventional disinfectants and is washable up to 95°C. These features make it suitable for departments with a high turnover of patients.

washable breathability water resistance removable flexibility



- The cover can be customized:**
- SAFR stitched / SAFR seamless (welded mattress edges)
 - With drip lip / no drip lip (zipper cover)
 - With a zipper in L-shape, U-shape or all around



WELLNESS

Cotton cover with a modern tread design. It is pleasant to touch and helps reduce the disruptive effects of static electricity, which can have a negative effect on our body during sleep. Popular variant of knitted fabric with Aloe Vera finish enhances the softness and smoothness of the upholstery fabric. The cover is easily removable and thanks to the possibility of washing up to 60°C it ensures absolute hygiene and antibacterial properties of the mattress and the entire bed.

60°C washable breathability removable



VISCO foam

VISCO foam

Effective solution for people particularly vulnerable to the risk of developing pressure ulcers. Unique type of polyurethane foam with open cellular structure, which changes its hardness depending on temperature. The foam softens when in contact with body heat and flexibly adapts to the anatomy of the body. Due to the effect of slow recovery of the foam, the mattress evenly distributes pressure on the human body which has a positive effect on blood circulation, improves sleep quality and relieves back pain. At the same time it stabilizes the body in an optimal position for sleeping - the user rotates less during the night which contributes to a peaceful sleep.

PUR foam

PUR foam

It is created by a special process of foaming the polyurethane mass, by which an open cell structure is formed in the material. Thanks to this material provides excellent breathability and elasticity. The mattress then can optimally follow the shape of the human body. Another advantage of PUR is a wide range of possible rigidity and durability.

3D mesh

3D mesh

Unique solution for a peaceful and healthy sleep. 3D mesh is made up of a dense network of vertically arranged polyester fibers. Thanks to them an air cushion is created between the patient's body and the mattress core. It ensures perfect ventilation and cooling effect, which is very pleasant especially at higher temperatures. The used material improves flexibility of the mattress and prolongs its life.

VISCOOOL foam

VisCool®

Special VisCool® foam is a material with properties that fully correspond to the conventional VISCO foam and moreover can absorb human warmth. This helps to an intensive cooling effect for the duration of sleep, open structure of the foam ensures moisture wicking and significant breathability of the material.

HR foam

HR foam

Material fully respecting the current trends of healthy sleep. Modern high quality type of polyurethane foam produced without using formaldehydes and other harmful substances. HR (High Resilience) foam is characterized by an open structure of the material, high elasticity and breathability (greater than conventional PUR foam). It flexibly adapts to the human body. It also excels in significant strength, permanent stability (preventing unwanted distortion), ventilation (air permeability perfectly dissipates heat and reduces the occurrence of mites) and long life.

RE foam

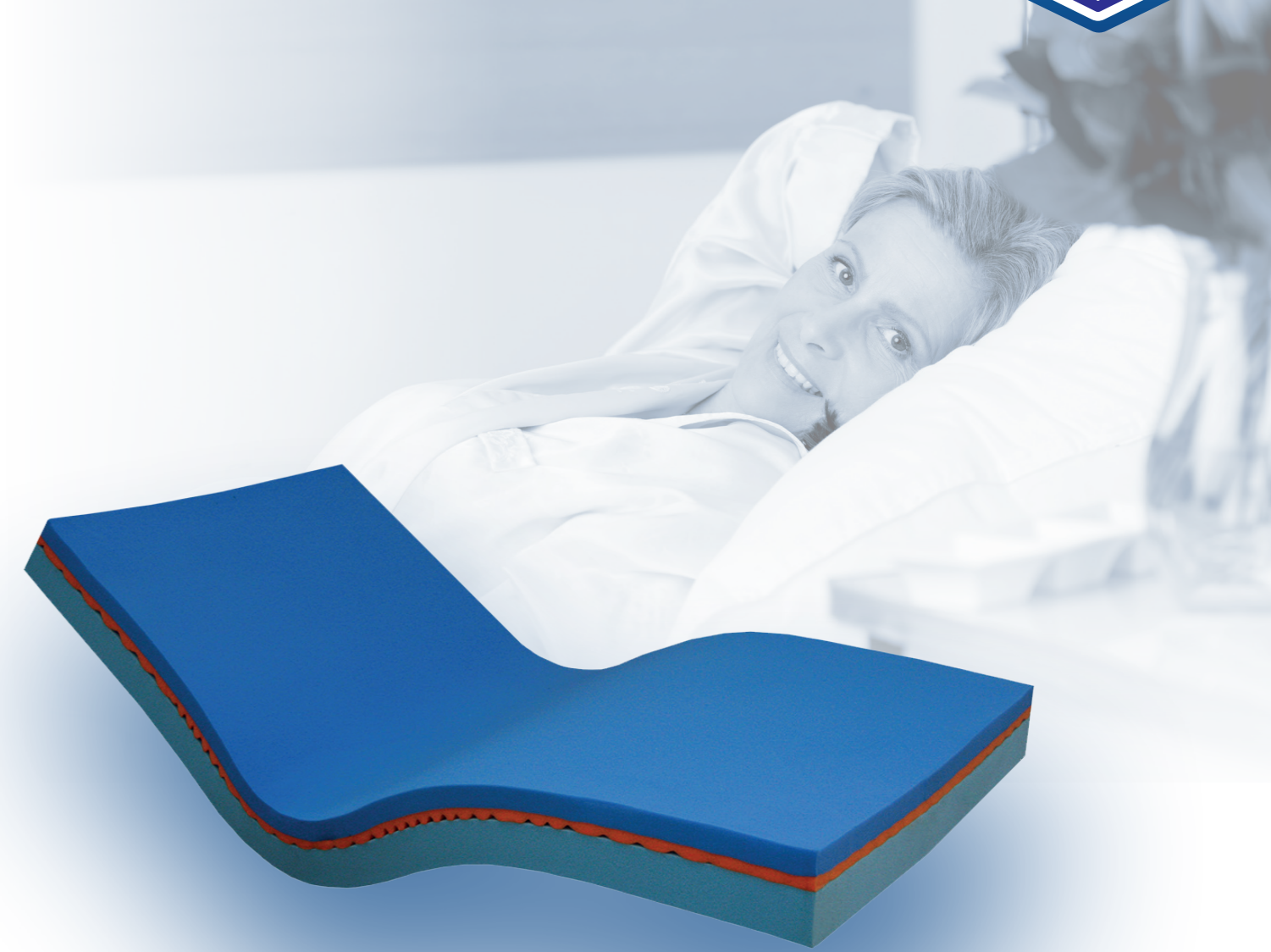
RE foam

The basic material for the production of bonded polyurethane foam is PUR foam. RE foam is created by bonding of polyurethane foams of different densities crushed into small pieces. RE foam gives the mattress the required rigidity and higher load capacity.

LATEX

LATEX

The main advantage of latex is its point elasticity. This means that under a load only the part of the material which is being exerted to force deforms and surrounding area remains unchanged. Thanks to this it perfectly follows the curves of the human body. At the same time it provides excellent breathability, helps permeability and circulation of air in the material and thus prevents moisture retention.



TECHNICAL SPECIFICATIONS	Stage of pressure ulcers	Thickness	Maximum patient weight	Number of anatomic zones	Reinforced edge	Double-sided / Single-sided	Composition
Sendvic	-	14 cm	150 kg	5	✗	D	molded PUR foam + RE foam + molded PUR foam
Lux N	I.	12 cm	200 kg (150 kg*)	-	✗	D	HR foam
Lux P	II.	12 cm	200 kg (130 kg*)	5	✗	S	cold HR foam with pruning
Lux S	II.	12 cm	200 kg (130 kg*)	5	✓	S	cold HR foam with pruning + reinforced edges
Comfort	II.	12 cm	220 kg (150 kg*)	5	✓	S	cold HR foam with pruning + reinforced edges + 3D mesh
Extra	II.	14 cm	250 kg	3	✗	S	PUR foam with pruning + cold HR foam
Latex	II.	14 cm	200 kg (130 kg*)	5	✗	S	cold HR foam + molded cold HR foam + latex gel
Flex	III.	12 cm	200 kg (130 kg*)	5	✗	S	molded cold HR foam + VISCO foam
Soft Flex	III.	14 cm	200 kg (120 kg*)	7	✗	S	cold HR foam with pruning + VISCO foam (unglued core)
Visco Lux	III.	14 cm	200 kg (120 kg*)	7	✗	S	cold HR foam + molded cold HR foam + VisCool® foam

*Optimal preventive anti-decubitus effect

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PROMA REHA, s.r.o.
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Collection of passive anti-decubitus mattresses of PROMA REHA has been designed with maximum regard to prevention of pressure ulcers, patient safety and perfect hygiene. Anti-decubitus mattresses have been developed based on measurements of distribution of pressure forces acting on the patient by using a special sensor pad. All mattresses are designed to spread the patient's weight optimally over a larger area and thus reduce the pressure exerted on the tissue. The pressure values at the predilection areas of an ideal decubitus mattress should not exceed the long-term critical point of 32 mm Hg (4.27 kPa). Thus, the pressure at which a closure of small capillaries in the tissue occurs. Reaching the optimal properties of passive mattresses is achieved through the use of high quality foams, mattress core pruning techniques and a special flexible coating which helps to eliminate other factors of pressure ulcers development, such as moisture or shearing and frictional forces.



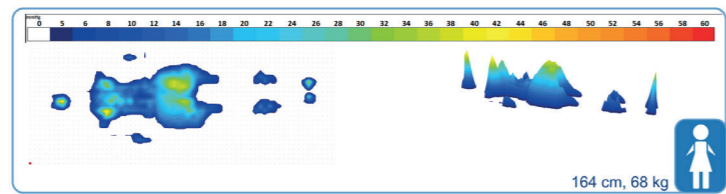
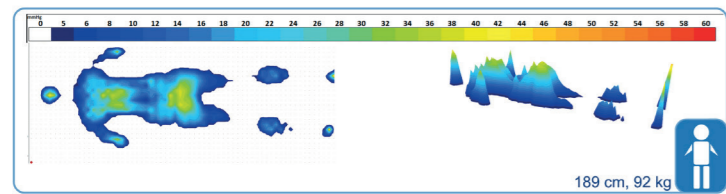
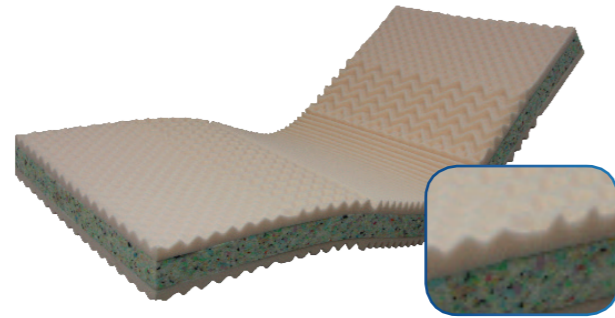
PASSIVE ANTI-DECUBITUS MATTRESSES



Sendvic

5 zones 150 kg 14 cm RE foam PUR foam

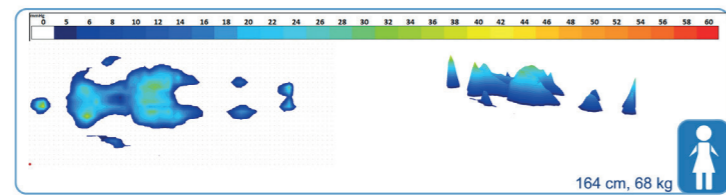
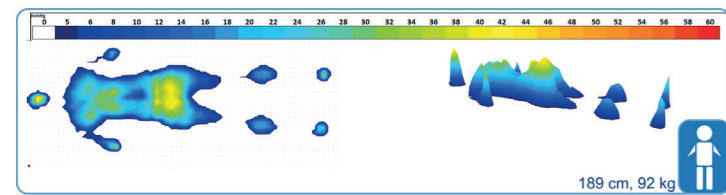
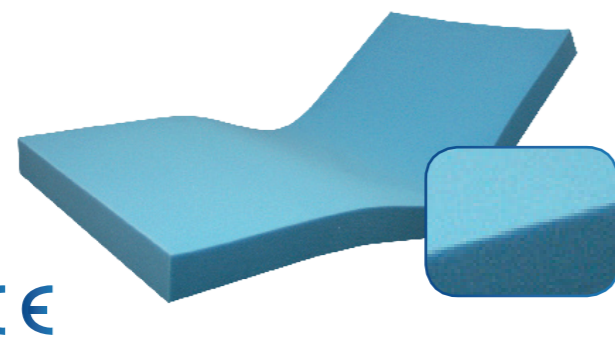
- Double-sided sandwich mattress
- Suitable for health departments not requiring the prevention of pressure ulcers
- Made from high quality PUR foam
- The top layers of the mattress are equipped with five-zone profiling
- The middle layer of bonded RE polyurethane increases the load capacity and life of the mattress
- Five zone profiling provides aeration of tissue and muscle relaxation during sleep
- Standard mattress thickness of 14 cm
- Maximum loading capacity of the mattress is 200 kg



Lux N

I decubitus 150 kg 200 kg 12 cm HR foam

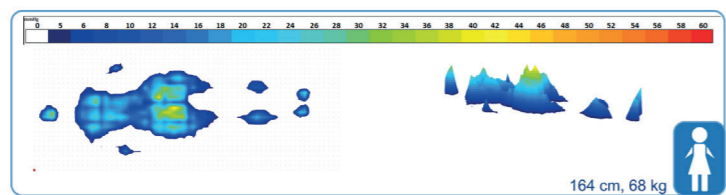
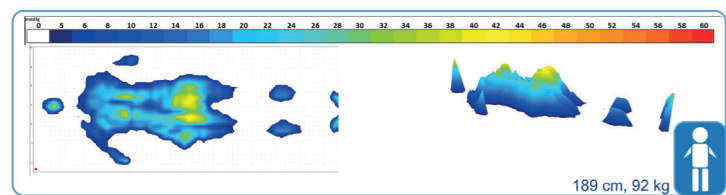
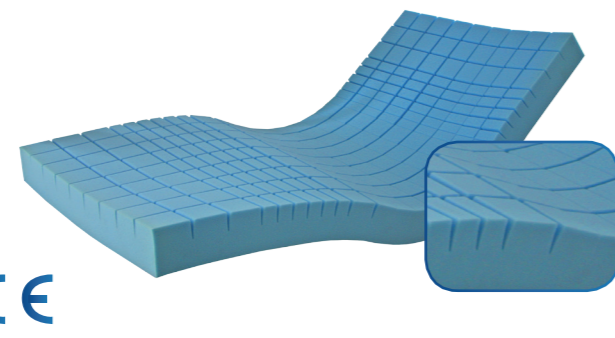
- Double-sided anti-decubitus mattress
- Suitable for healthcare, nursing and home care
- Mattress is designed for patients with low risk of pressure ulcers (I degree) – with often patient positioning the mattress can be used up to the II degree
- Made from high quality HR foam
- Standard mattress thickness 12 cm
- Optimal preventive anti-decubitus effect is for patients weighing up to 150 kg
- Maximum loading capacity of the mattress is 200 kg



Lux P

II decubitus 5 zones 130 kg 200 kg 12 cm HR foam

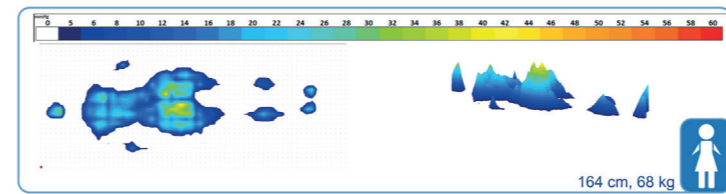
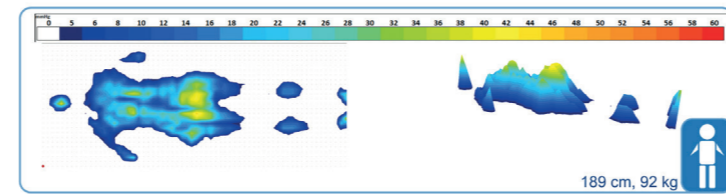
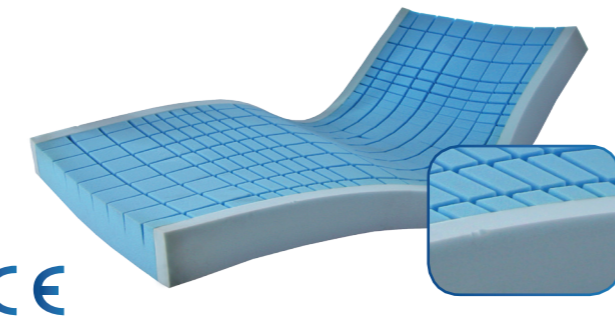
- Single-sided anti-decubitus healthcare mattress
- Suitable for healthcare, nursing and home care
- Mattress is designed for patients with medium risk of pressure ulcers (II degree) – with often patient positioning the mattress can be used up to the III degree
- Made from cold HR foam
- The mattress core is profiled with longitudinal and transverse prunings into 5 anatomical zones
- Anatomical zones ensure an even weight distribution
- Prunings in the mattress improve air circulation, remove vapors and protect the patient from moisture and overheating
- Standard mattress thickness 12 cm
- Optimal preventive anti-decubitus effect is for patients weighing up to 130 kg
- Maximum loading capacity of the mattress is 200 kg



Lux S

II decubitus 5 zones 130 kg 200 kg 12 cm HR foam PUR foam

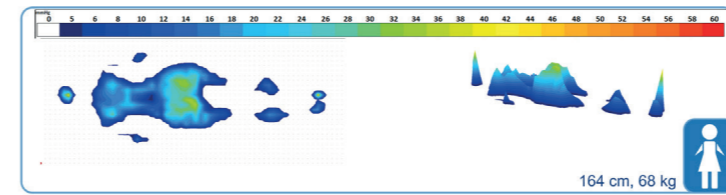
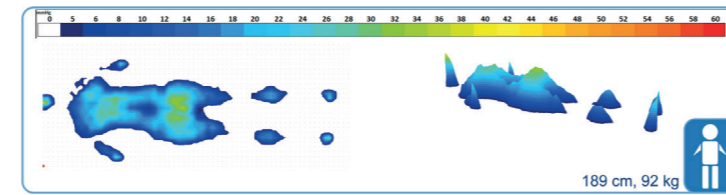
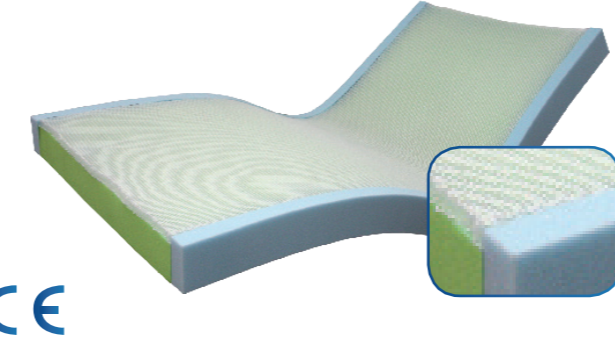
- Single-sided anti-decubitus healthcare mattress with reinforced edges
- Mattress is designed for patients with medium risk of pressure ulcers (II degree) – with often patient positioning the mattress can be used up to the III degree
- Mattress core is made from cold HR foam
- Side edges of reinforced PUR foam for easier getting out of bed for the patient
- The mattress core is profiled with longitudinal and transverse prunings into 5 anatomical zones
- Anatomical zones ensure an even weight distribution
- Prunings in the mattress improve air circulation, remove vapors and protect the patient from moisture and overheating
- Standard mattress thickness 12 cm
- Optimal preventive anti-decubitus effect is for patients weighing up to 130 kg
- Maximum loading capacity of the mattress is 200 kg



Comfort

II decubitus 5 zones 150 kg 220 kg 12 cm HR foam PUR foam 3D mesh

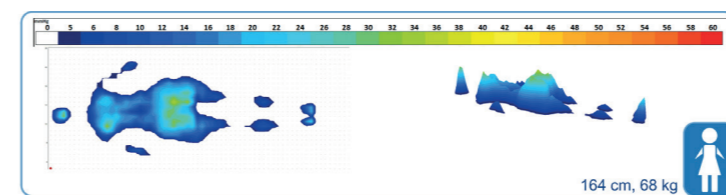
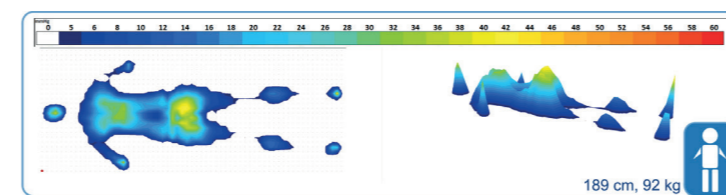
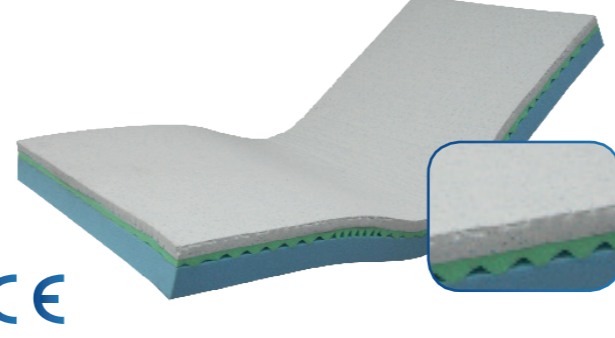
- Single-sided anti-decubitus mattress with a special 3D layer and reinforced edges
- Mattress is designed for patients with medium risk of pressure ulcers (II degree) – with often patient positioning the mattress can be used up to the III degree
- Mattress core is made from cold HR foam with profiled transverse prunings into 5 anatomical zones
- The top layer of the mattress is made of special therapeutic layer so called 3D mesh
- Side edges of reinforced PUR foam for easier getting out of bed for the patient
- Anatomical zones ensure an even weight distribution
- 3D layer together with the prunings in the core ensure excellent air circulation, prevent patient overheating, remove vapors and moisture
- Standard mattress thickness 12 cm
- Optimal preventive anti-decubitus effect is for patients weighing up to 150 kg
- Maximum loading capacity of the mattress is 220 kg



Latex

II decubitus 5 zones 130 kg 200 kg 14 cm HR foam LATEX

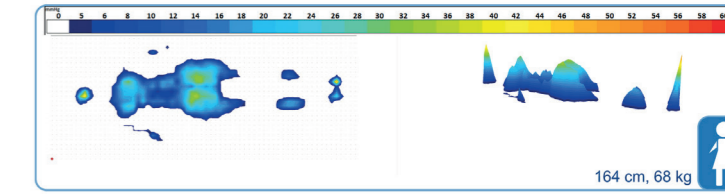
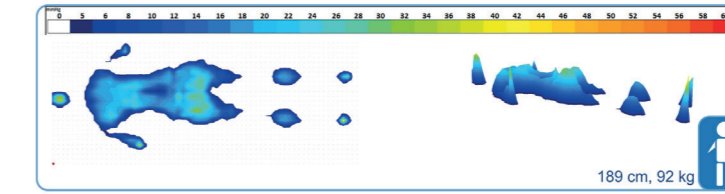
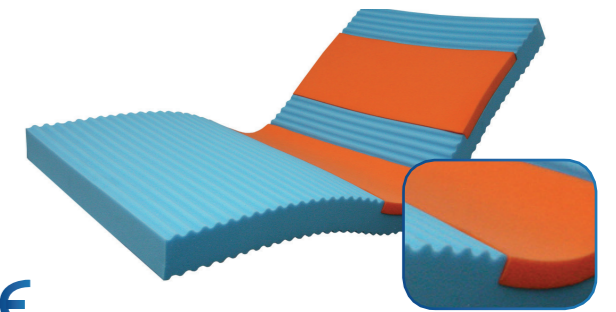
- Single-sided anti-decubitus mattress with a latex layer
- Mattress is designed for patients with medium risk of pressure ulcers (II degree) – with often patient positioning the mattress can be used up to the III degree
- The lower support layer made of cold HR foam ensures high load capacity and long-term durability of the mattress
- Profiled middle layer divides the mattress by its rigidity into 5 anatomical zones
- The top latex layer excels in flexibility, antibacterial properties and air permeability thanks to the open cell structure and perforation
- The characteristic point elasticity of latex mattresses allows perfect adaptation to curves of the human body
- Standard mattress thickness 14 cm
- Optimal preventive anti-decubitus effect is for patients weighing up to 130 kg
- Maximum loading capacity of the mattress is 200 kg



Flex

III decubitus 5 zones 130 kg 200 kg 12 cm HR foam VISCO foam

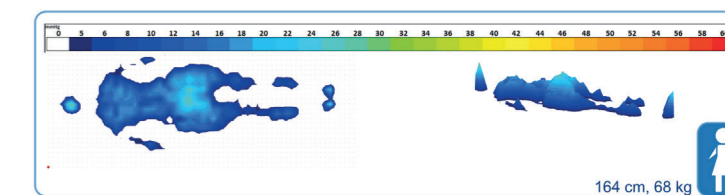
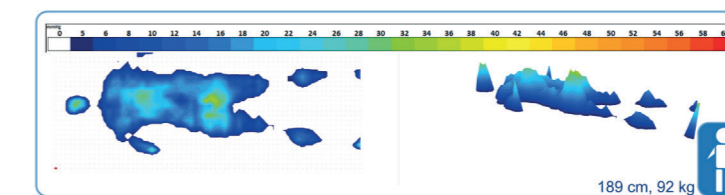
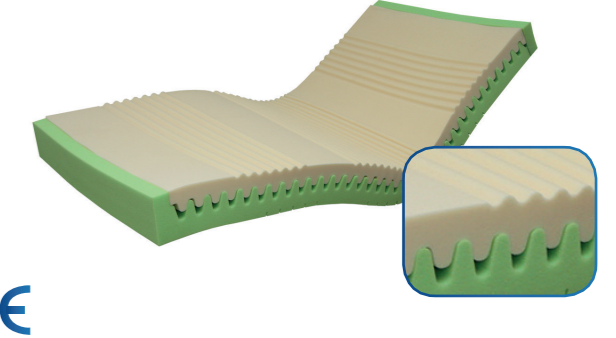
- Single-sided anti-decubitus mattress with viscoelastic memory foam
- Suitable for healthcare, nursing and home care
- Mattress is designed for patients with high risk of pressure ulcers (III degree) – with often patient positioning the mattress can be used up to the IV degree
- The mattress core made of cold HR foam ensures high stability and optimal flexibility of the mattress
- The mattress is divided into five anatomical zones for optimal weight distribution of the patient
- The most vulnerable parts of the patient are supported by viscoelastic memory foam
- Standard mattress thickness 12 cm
- Optimal preventive anti-decubitus effect is for patients weighing up to 130 kg
- Maximum loading capacity of the mattress is 200 kg



Soft Flex

III decubitus 7 zones 120 kg 200 kg 14 cm HR foam VISCO foam

- Comfortable anti-decubitus mattress with viscoelastic memory foam
- Mattress is designed for patients with high risk of pressure ulcers (III degree) – with often patient positioning the mattress can be used up to the IV degree
- Layers of the mattress are joined by special molding (no glue) for maximum aeration and reduction of shear forces generated during patient positioning
- The support layer of the mattress made from cold HR foam provides division into 7 anatomical zones
- The top layer uses viscoelastic foam for optimum pressure distribution over the entire surface of the mattress (viscoelastic mattress foam provides a comfortable fit thanks to the feeling of „nesting“ and also strongly supports anti-decubitus effects)
- Standard mattress thickness 14 cm
- Optimal preventive anti-decubitus effect is for patients weighing up to 120 kg
- Maximum loading capacity of the mattress is 200 kg



Visco Lux

III decubitus 7 zones 120 kg 200 kg 14 cm HR foam VISCOOL foam

- Luxury single-sided anti-decubitus sandwich mattress with VisCool® foam
- Mattress is designed for patients with high risk of pressure ulcers (III degree) – with often patient positioning the mattress can be used up to the IV degree
- The lower support layer made of cold HR foam ensures high load capacity and long-term durability of the mattress
- Profiled middle layer divides the mattress by its rigidity into 7 anatomical zones
- The top layer of the mattress is made of VisCool® foam absorbing excess human warmth and creating an intense cooling effect (the open structure of the VisCool® foam ensures moisture wicking and significant breathability of the material)
- Standard mattress thickness 14 cm
- Optimal preventive anti-decubitus effect is for patients weighing up to 120 kg
- Maximum loading capacity of the mattress is 200 kg

