

# PASSIVE MATTRESSES

**LINET**

Portfolio



For comfort and safety

# Quality mattresses from LINET for all your needs



Wide selection according to the patient's condition

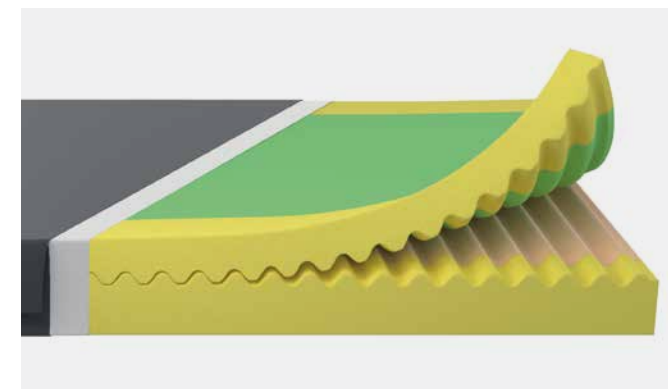


An extensive range of foam types and mattress designs caters to the diverse needs of hospital wards and nursing homes.

Browse through our selection to **discover the ideal surface for your patient or client, available across value, advanced, and premium segments.**

Each mattress made to fit different patient requirements, ensuring they receive the comfort and support they need.

Safety and comfort



Our mattresses are thoughtfully designed to enhance pressure redistribution through the mechanisms of immersion and envelopment, offering superior levels of lying and sleeping comfort.

With a dedicated focus on improving overall well-being, our designs prioritize the restful and rejuvenating sleep experience for individuals in hospital wards and nursing homes.



# Quality mattresses from LINET for all your needs



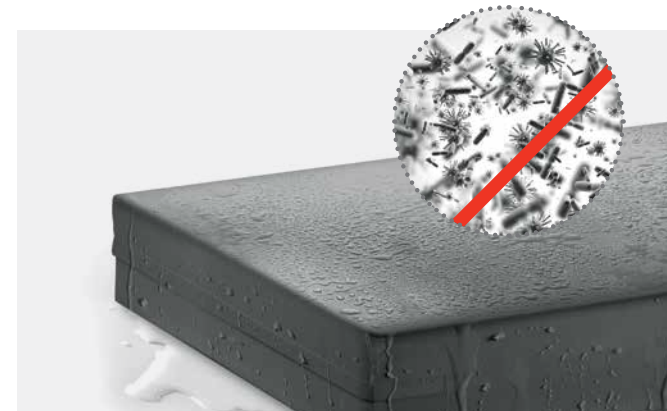
## High-quality materials and production



Utilizing exclusively top-tier materials, **our production process strictly follows international standards**, ensuring that our mattresses maintain peak functionality over an extended lifespan.

With a quality management system certified according to DIN EN ISO 9001 and 13485, alongside an environmental management system certified according to DIN EN ISO 14001.


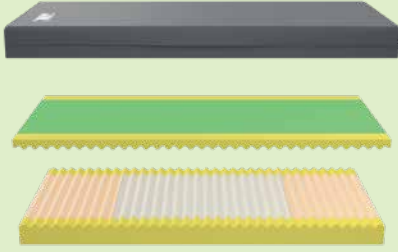



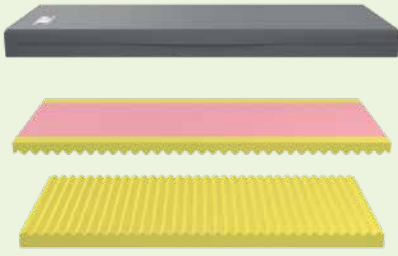




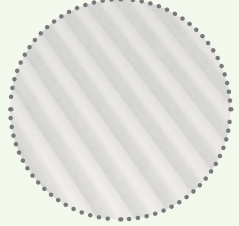

## Infection control



LINET mattresses feature a **protective waterproof and vapor-permeable cover that is also antibacterial, ensuring long-lasting durability and stability.**

Constructed with proven PERLASTIC® Silber\*\* material, both the surface and sides adhere to the highest standards of bed hygiene in clinics and care settings, providing comprehensive protection and comfort for patients.

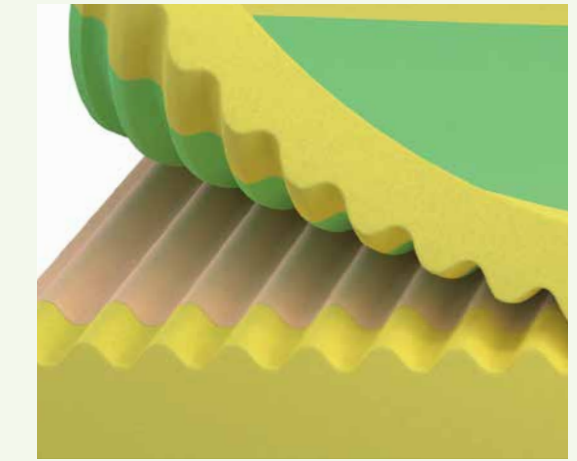
# Three segments of passive mattresses

	Recommended areas of use	Features	Foam	Cover
PREMIUM	<ul style="list-style-type: none"> <li>— Acute care</li> <li>— ICU and critical areas (ViskoMatt 50)</li> </ul> 	<p>A combination of the highest quality foams, especially for high-risk areas.</p> <ul style="list-style-type: none"> <li>— <b>Efficient pressure injury prophylaxis</b></li> <li>— Excellent comfort for lying and sleeping</li> <li>— Special cold-foam in the gluteal area for extra long durability – even with high patient weight loads</li> </ul>  <ul style="list-style-type: none"> <li>viscoelastic foam</li> <li>reinforced edges</li> </ul>	<p><b>Viscoelastic foam</b> is often referred to as “<b>memory foam</b>”. It reacts to body heat and body weight. This allows the body to sink into the mattress slightly, providing <b>optimal support and adjustment</b> to the body’s contours. The resulting pressure relief is the best choice for pressure injury prevention.</p> 	<p>PERLASTIC® Silber protective cover</p> <ul style="list-style-type: none"> <li>— High infection prophylaxis</li> <li>— Handles for an optimized handling</li> <li>— Hidden extra strong zipper</li> <li>— Bi-elastic and dimensionally stable, long durability and stability</li> <li>— Extra strong PU coating for permanent protection against bacteria and viruses</li> <li>— Breathable</li> <li>— Antimicrobial equipped</li> <li>— Latex free</li> </ul>  <p>A perfect fit of the cover: no wrinkles for excellent prophylaxis of pressure injuries.</p>
ADVANCED	<ul style="list-style-type: none"> <li>— Acute care</li> <li>— Nursing care for the elderly</li> <li>— Long-term care</li> </ul> 	<p>Combination of cold and standard PU foam for better pressure relief designed for patients at medium risk of pressure injuries.</p> <ul style="list-style-type: none"> <li>— With edge zone for self-mobilization of the patient.</li> <li>— <b>Good pressure relief and high comfort</b></li> <li>— Safety for patients</li> </ul>  <ul style="list-style-type: none"> <li>cold foam</li> <li>reinforced edges</li> </ul>	<p><b>A cold foam</b> is superior quality material due to its open pores. It ensures <b>high air permeability</b> and pleasant sleeping conditions. It quickly returns to its original shape without permanent deformation.</p> 	 <ul style="list-style-type: none"> <li>waterproof</li> <li>antibacterial</li> </ul>
VALUE	<ul style="list-style-type: none"> <li>— Acute care</li> <li>— Nursing care for the elderly</li> <li>— Long-term care</li> </ul> 	<p>Entry level monoblock passive mattresses designed for low risk patients.</p> <ul style="list-style-type: none"> <li>— <b>Profiling for improved immersion and envelopment</b></li> <li>— High comfort for sleeping</li> <li>— Durability</li> </ul>  <ul style="list-style-type: none"> <li>foam profiling</li> </ul>	<p><b>A standard PU foam</b> cut to alter the deformation properties of the foam. These types of modifications break the surface tension of the foam increasing its ability to conform to the body shape.</p> 	<p>The mattress cover is a close fit to the foam core inside, protecting both the mattress and the patient’s skin. The cover includes a number of technical features that supports this dual function.</p> <ul style="list-style-type: none"> <li>— Water resistant</li> <li>— Multi-stretched</li> <li>— Vapour permeable</li> <li>— Fungal and microbacterial resistance</li> </ul>  <ul style="list-style-type: none"> <li>waterproof</li> <li>antibacterial</li> </ul>



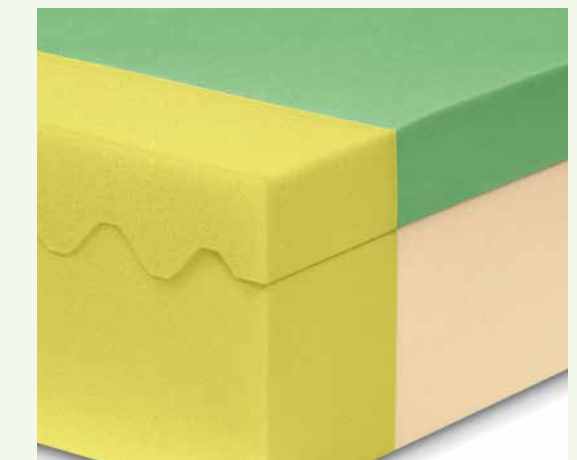
# Passive Mattresses Portfolio

		VALUE			ADVANCED	PREMIUM				
		EffectaCare 10	EffectaCare 20	PrimaCare 10	MediMatt 30	ViskoMatt 10	ViskoMatt 30	ViskoMatt 50	ViskoMatt 10B	ViskoMatt 30B
		— Monoblock foam mattress with wave profiling on both sides which makes it flippable inside the cover.	— Monoblock foam mattress. The core is cut transversely on top in the sacral area. Bottom profiling allows easier mattress positioning.	— One layer mattress with transverse and longitudinal profiling at the top part. Fully profiled for additional contouring.	— Two lying surfaces with high elastic foam for high comfort. Lying surface with a polyether-cold foam and support layer from polyether foam.	— Entry-level model for pressure injury prevention with good pressure relief. Viscoelastic foam surface with a polyether support layer.	— Very good pressure relief. Highly elastic and durable with an antimicrobial viscoelastic polyurethane foam surface and a polyether cold foam support layer.	— Excellent pressure relief. Highly elastic and durable with an antimicrobial viscoelastic polyurethane foam surface and a polyether cold foam support layer.	— Mattress with higher maximum patient weight. Excellent pressure relief. Highly elastic and durable, combined of 3 layers: an antimicrobial viscoelastic polyurethane foam layer, and 2 layers with polyether foam.	— Mattress for bariatric patients. Excellent pressure relief. Highly elastic and durable, combined of 3 layers: an antimicrobial viscoelastic polyurethane foam layer, polyether cold foam layer and polyether layer.
		Monoblock foam			2 layer foam	Viscoelastic foam				
Foam Layer	Upper				5 cm cold foam 50 kg/m <sup>3</sup>	5 cm viscoelastic foam 52 kg/m <sup>3</sup>	5 cm viscoelastic foam 85 kg/m <sup>3</sup>	7 cm viscoelastic foam 85 kg/m <sup>3</sup>	5 cm viscoelastic foam 85 kg/m <sup>3</sup>	6 cm viscoelastic foam 85 kg/m <sup>3</sup>
	Middle	14 cm monoblock Polyether foam 28 kg/m <sup>3</sup>	14 cm monoblock Polyether foam 33 kg/m <sup>3</sup>	14 cm monoblock Polyether foam 41 kg/m <sup>3</sup>	×	×	×	×	5 cm Polyether foam 41 kg/m <sup>3</sup>	6 cm cold foam 45 kg/m <sup>3</sup>
	Lower				9 cm Polyether foam 41 kg/m <sup>3</sup>	9 cm Polyether foam 41 kg/m <sup>3</sup>	9 cm cold foam 50 kg/m <sup>3</sup> & 33 kg/m <sup>3</sup>	9 cm cold foam 80 kg/m <sup>3</sup> & 33 kg/m <sup>3</sup>	6 cm Polyether foam 46 kg/m <sup>3</sup>	8 cm Polyether foam 46 kg/m <sup>3</sup>
Reinforced Edge	×	×	×	✓	✓	✓	✓	✓	✓	✓
Zipper	180°	180°	180°	180°	180°	180°	180°	180°	180°	180°
Cut Corners	×	×	✓	✓	✓	✓	✓	✓	✓	✓
Ergoframe	×	×	×	✓	✓	✓	✓	✓	✓	✓
Profiled Top Surface	Convolutad	Partial	Full	×	×	×	×	×	×	×
Max. Patient Weight	110 kg	150 kg	200 kg	150 kg	150 kg	165 kg	190 kg	235 kg	235 kg	285 kg
Min. Patient Weight	40 kg	40 kg	40 kg	30 kg	30 kg	30 kg	30 kg	30 kg	30 kg	30 kg
2 Transport Handles	×	×	×	✓	✓	✓	✓	4 transport handles	4 transport handles	4 transport handles
Evacuation Cover (option)	×	×	×	✓	✓	✓	✓	✓	×	×
Foam/Cover Fire Protection	Crib 5	Crib 5	Crib 5	Crib 5	Crib 5	Crib 5	Crib 5	Crib 5	Crib 5	Crib 5



Foam connection without adhesive seams

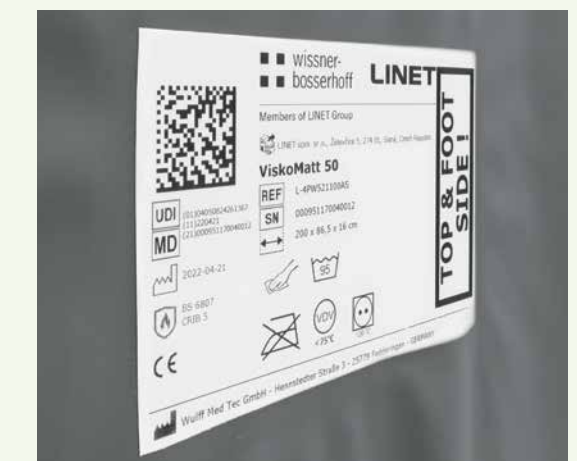
- Uniform distribution of the contact pressure without hard seams
- Highest pressure relief



Edge Zone Reinforcement

Strong 10 cm reinforcement at the peripheral zone:

- Easy self-mobilization of the patient
- Excellent fall protection



Labelling

UDI compliant labelling

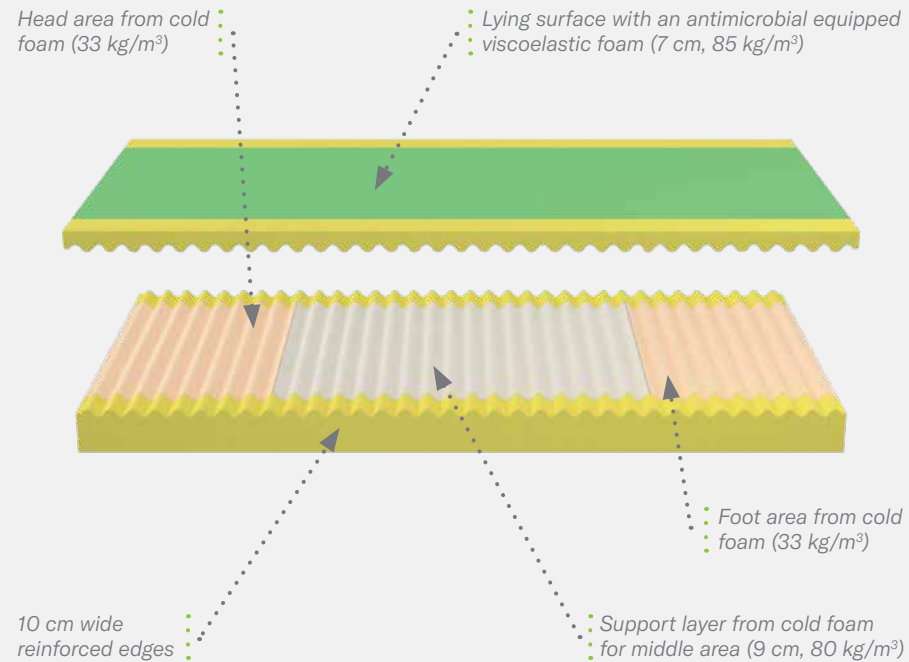
- According to the requirements of the european MDR
- Cover and core labelled for easy traceability

# ViskoMatt Premium Mattresses

## ViskoMatt 50

The upper layer of the ViskoMatt 50 is made of viscoelastic foam to ensure a high level of comfort and pressure injury prevention. The mattress also features

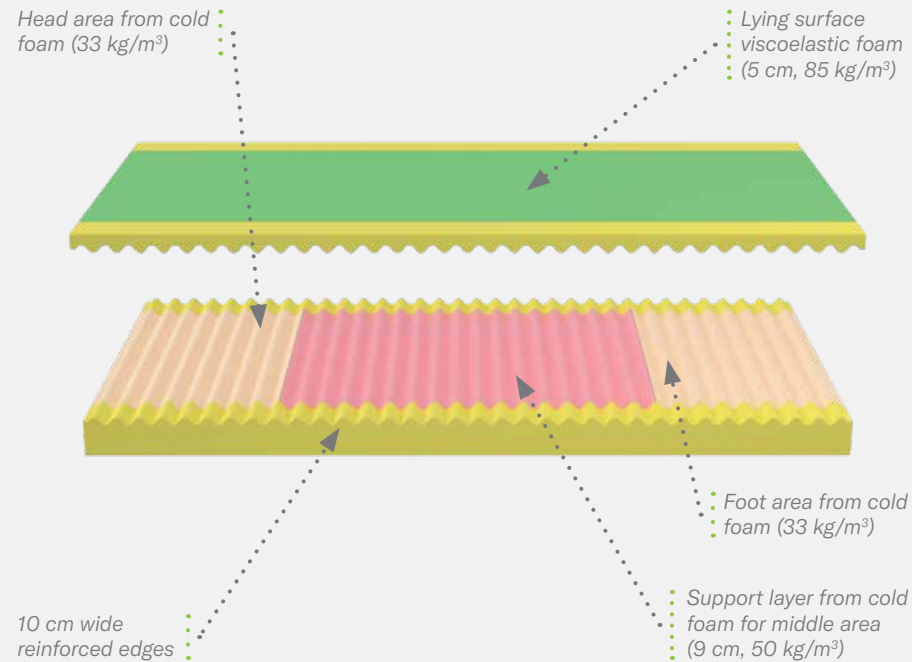
a reinforced pelvic area to prevent pressure injuries when the backrest is raised.



## Visko Matt 30

ViskoMatt 30 offers optimum pressure relief of 35% on average. The high-quality foams ensure high stability and

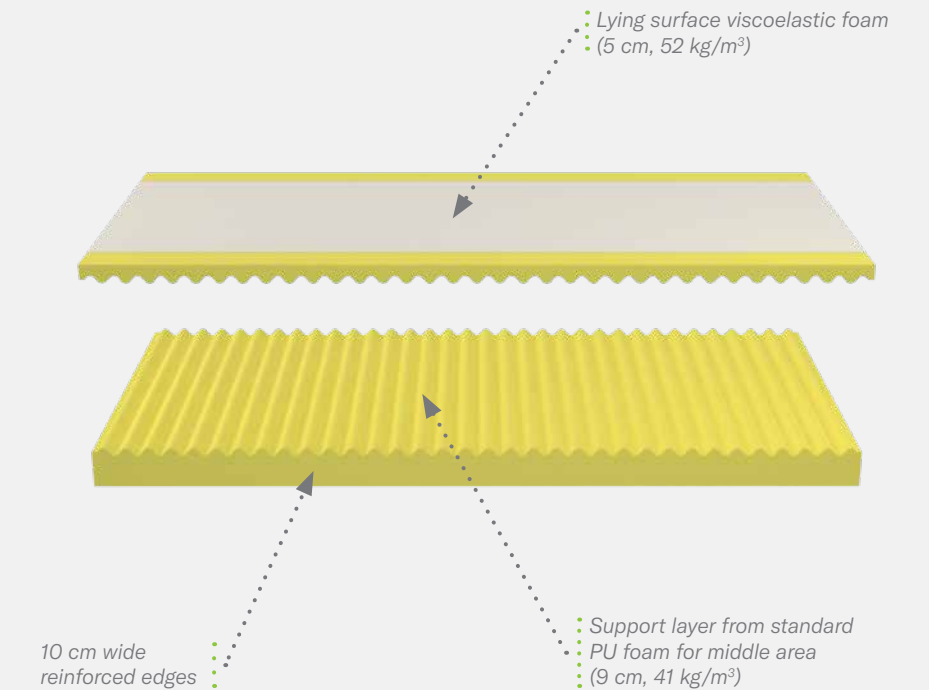
excellent durability. In addition to this, local pressure points are avoided.



## ViskoMatt 10

ViskoMatt 10 has viscoelastic foam to provide optimal pressure distribution for all parts of the body that are in

contact with the mattress, considerably reducing the risk of pressure injuries.



## Why Viscoelastic = Memory Foam

- The material “remembers” the burden and after getting up the contours of the body are still visible.
- The core of viscoelastic mattresses adapt to each individual body form depending on temperature and weight.
- The pressure is spread equally and the body is ideally relieved = mode of action for pressure injury prophylaxis.



## Why cold foam

Cold foam (HR, High resilience) is created by technologically modifying standard polyurethane foam. It is produced at lower temperatures to ensure that it has superior properties.

- It has an open-cell structure that makes it very breathable
- It is durable, flexible, and dimensionally stable with high point elasticity



## Quality defined by density



- The higher the density of foam, the:
  - greater the restoring force and pressure release
  - longer the durability of the mattress

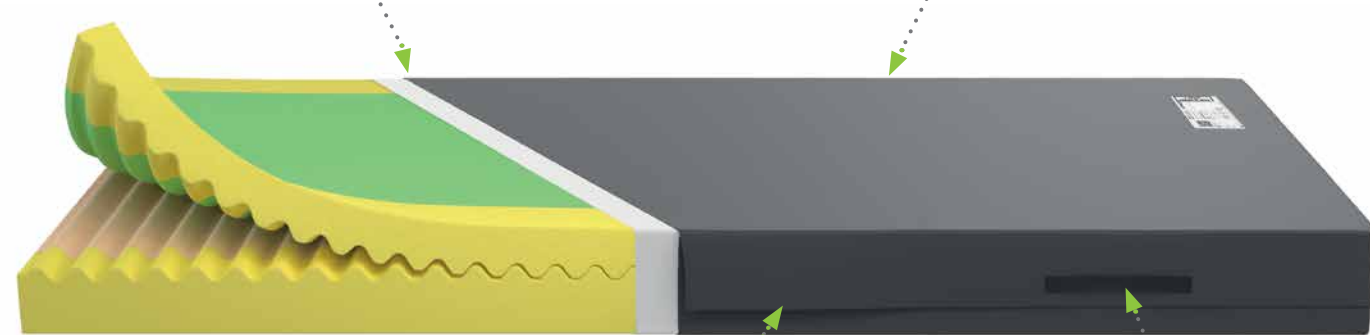
Density specifies how many kilograms of foam there are per cubic meter.  
Example: density 60 = 60 kg/m<sup>3</sup>

# PERLASTIC® Silber protective cover

For MediMatt 30, ViskoMatt 10, 10B, 30, 30B, 50. Total weight 230 g/m<sup>2</sup>.

The trickot sock between the cover and the core for a long mattress lifetime

The cover consists of two parts: outside PU-coating and inside polyester-textile



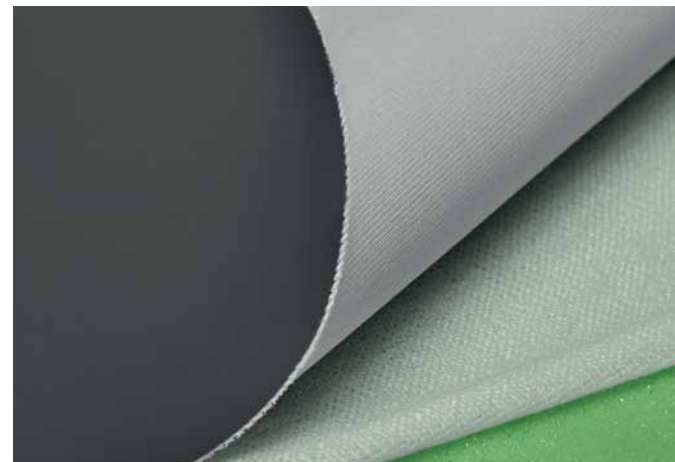
Extra stable spiral-zipper

Individual handles



## PU-Coating

- Extremely durable and abrasion-resistant. Triple coating with 90g/m<sup>2</sup>.
- Bacteria and virus proof (Liquid-tight according to ISO 1420 > 200 cm)
- Tight against fluids and constant against urine, blood and ointments
- Antimicrobial, contains zinc ions which prevent the development of mould
- Breathable (Water vapor transmission at ASTM 96-66 550 g/m<sup>2</sup> in 24 hour by 38 °C)



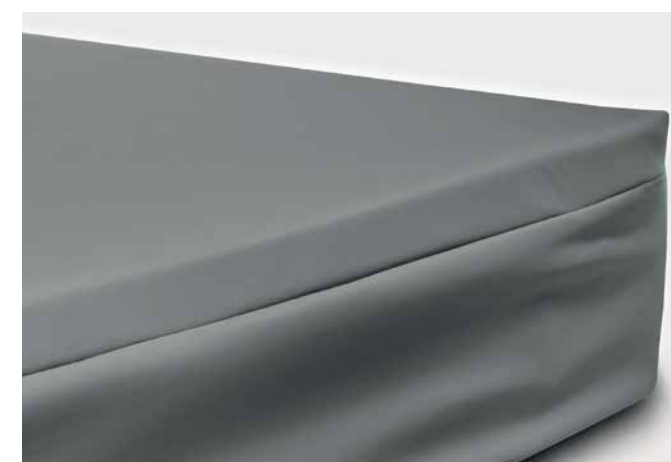
With the trickot sock, which is between cover and core, the cover can easily be changed. It reduces friction and shearing forces and increases the mattress lifetime.

## Textile ensures

the stability and the PU coating the function. The textile is an especially fine woven product with narrow mesh that provides high durability and reduces the elasticity to decrease wrinkles. High grammage 140 g/m<sup>2</sup>.

# Option: Evacuation Cover Pro

Best risk management: simple and fast evacuation – combined with the highest hygiene standards.



Extra-wide, all-round lip protects the carrying system from contamination.



Long carrying handles at the head and foot end can be unfolded quickly and enable an uncomplicated one-man evacuation.

## Infection Control

- Full protective cover: lying surface and sides made of proven PERLASTIC® Silber
- Tucked away straps: Protection against germs in hard-to-reach places

## Safe Evacuation

- 2 optimally positioned straps for securing the patient
- Wide belt buckles for optimal adjustment
- Suitable for patients weighing up to 250 kg (valid for the evacuation straps)



# Mattresses Dimensions (cm)

EffectaCare 10	200 × 86 × 14	190 × 86 × 14	ViskoMatt 30	200 × 86,5 × 14	208 × 96 × 14
	200 × 90 × 14	190 × 90 × 14		200 × 90 × 14	208 × 96 × 14
EffectaCare 20	200 × 86 × 14	190 × 90 × 14	190 × 86,5 × 14	208 × 88 × 14	
	200 × 90 × 14	142 × 70 × 10	190 × 90 × 14	200 × 114 × 14	
	190 × 86 × 14	137 × 70 × 10	200 × 100 × 14	200 × 79 × 14	
	200 × 100 × 16		220 × 86,5 × 14	190 × 79 × 14	
PrimaCare 10	200 × 86 × 14	190 × 86 × 14	ViskoMatt 50	200 × 86,5 × 16	208 × 96 × 16
	200 × 90 × 14	190 × 90 × 14		200 × 90 × 16	208 × 96 × 16
MediMatt 30	200 × 86,5 × 14	208 × 96 × 14		190 × 86,5 × 16	208 × 88 × 16
	200 × 90 × 14	208 × 96 × 14		190 × 90 × 16	220 × 86,5 × 16
	190 × 86,5 × 14	208 × 88 × 14	200 × 100 × 16	200 × 114 × 16	
	190 × 90 × 14	200 × 114 × 14	200 × 86,5 × 16		
	200 × 100 × 14	200 × 79 × 14	208 × 86,5 × 16		
ViskoMatt 10	220 × 86,5 × 14	190 × 79 × 14	ViskoMatt 10B	200 × 90 × 16	
	200 × 86,5 × 14	208 × 96 × 14		200 × 100 × 16	
	200 × 90 × 14	208 × 88 × 14		200 × 120 × 16	
	190 × 86,5 × 14			200 × 114 × 16	
	190 × 90 × 14			205 × 114 × 16	
	208 × 96 × 14	200 × 114 × 14	ViskoMatt 30B	200 × 86,5 × 20	
	200 × 100 × 14	200 × 79 × 14		208 × 86,5 × 20	
220 × 86,5 × 14	190 × 79 × 14	200 × 90 × 20			
			200 × 100 × 20		



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