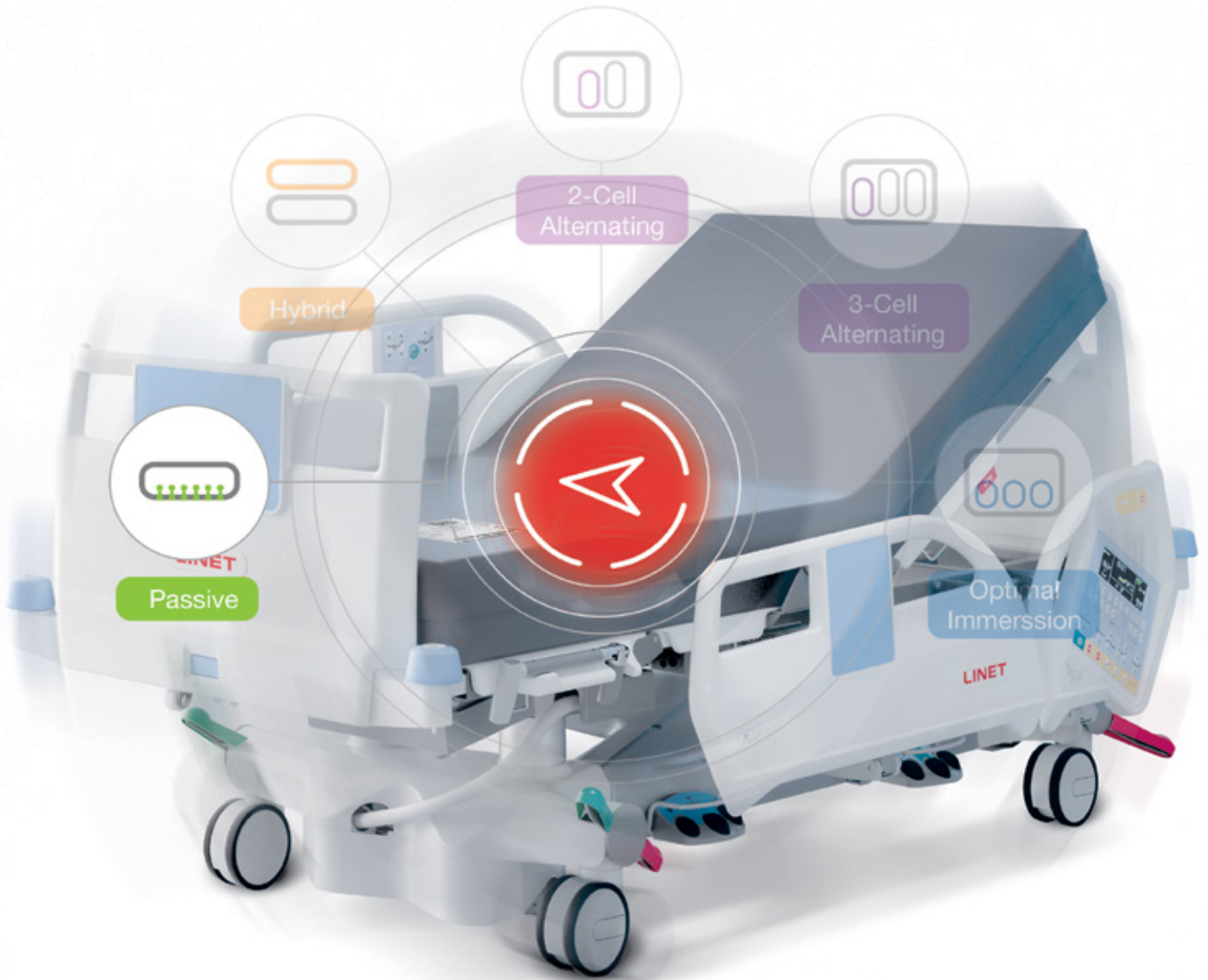


# PASSIVE MATTRESSES

**LINET**

Portfolio



For comfort and safety

# Quality mattresses from LINET for all

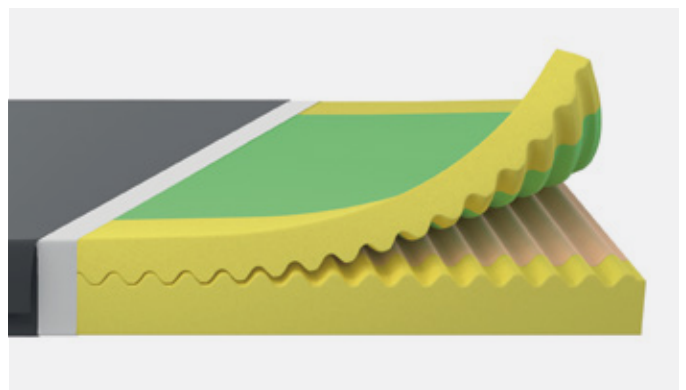


Wide selection according to the patient's condition



A broad spectrum of foam types and mattress designs for the various needs of hospital wards and nursing homes. Choose the right surface for your patient/client on the following pages.

Safety and comfort

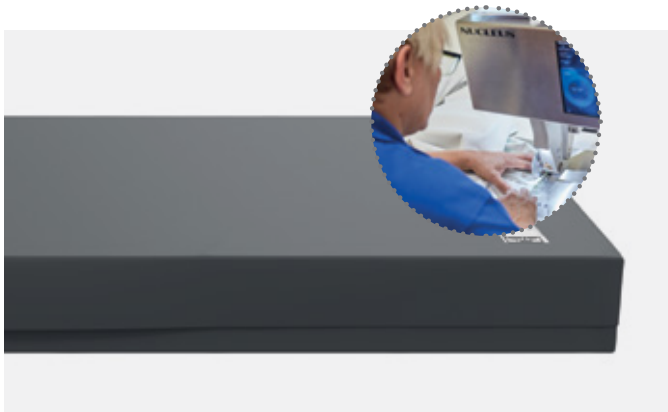


The mattresses are designed to improve pressure redistribution through the mechanisms of immersion and envelopment. They also offer high levels of lying and sleeping comfort.

# your needs



## High-quality materials and production



Only the most high-grade materials are used in a production process that meets international standards. Therefore, the mattresses remain fully functional for a long lifetime. Quality management system certified according to DIN EN ISO 9001 and 13485. Environmental management system certified according to DIN EN ISO 14001.

## Infection control



LINET mattresses are protected by a waterproof and vapour permeable cover. The cover is antibacterial equipped with long durability and stability. The surface and sides are made of proven PERLASTIC® Silber\*\* according to the guidelines for bed hygiene in clinics and care.

\*\* Valid for MediMatt 30, ViskoMatt 10, 30, 50.

# Choose the Right Surface

PRESSURE INJURIES		PATIENT		
		Focus of this brochure		
Category of existing pressure injury	Risk level	Mobile		
		III. - IV.		
I. - II.				
High				
Medium			<b>Advanced Passive</b> MediMatt	<b>Premium Passive</b> ViskoMatt
Low		<b>Value Passive</b> EffectaCare, PrimaCare		



Learn more about  
LINET mattresses  
in our dedicated  
brochure.



# MOBILITY RATE

Partially mobile	Immobile			
			<b>Premium 3-Cell Alternating Active</b>  Virtuoso	<b>Optimal Immersion Active</b>  Opticare, Opticare X
<b>Hybrid</b>  CliniCare 100HF	<b>2-Cell Alternating Active</b>  Air2Care	<b>3-Cell Alternating Active</b>  Virtuoso		



# Three segments of passive mattresses

	Areas of use	Features
PREMIUM	<ul style="list-style-type: none"> <li>○ Patients with high risk of pressure injury development</li> <li>○ Partly mobile patients</li> <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>  <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>viscoelastic foam</p> </div> <div style="text-align: center;">  <p>reinforced edges</p> </div> </div>
ADVANCED	<ul style="list-style-type: none"> <li>○ Patients with medium risk of pressure injury development</li> <li>○ Mobile patients</li> <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>  <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>cold foam</p> </div> <div style="text-align: center;">  <p>reinforced edges</p> </div> </div>
VALUE	<ul style="list-style-type: none"> <li>○ Patients with low risk of pressure injury development</li> <li>○ Mobile patients</li> <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>  <div style="text-align: center;">  <p>foam profiling</p> </div>

## Foam

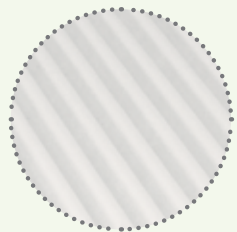
**Viscoelastic foam** is often referred to as “**memory foam**”. It reacts to body heat and body weight. This allows the body to sink into the mattress slightly, providing **optimal support and adjustment** to the body’s contours. The resulting pressure relief is the best choice for pressure injury prevention.



**A cold foam** is superior quality material due to its open pores. It ensures **high air permeability** and pleasant sleeping conditions. It quickly returns to its original shape without permanent deformation.



**A standard PU foam** 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.



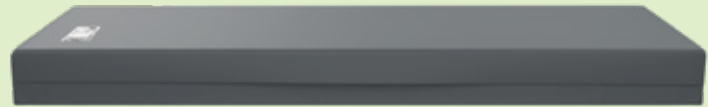
## Cover

PERLASTIC® Silber protective cover

- High infection prophylaxis
- Two handles for an optimized handling
- Hidden extra strong zipper
- Bi-elastic and dimensionally stable, long durability and stability
- Extra strong PU coating for permanent protection against bacteria and viruses
- Breathable
- Antimicrobial equipped
- Latex free



A perfect fit of the cover: no wrinkles for excellent prophylaxis of pressure injuries.



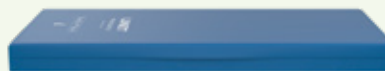
waterproof



antibacterial

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.

- Water resistant
- Multi-stretched
- Vapour permeable
- Fungal and microbacterial resistance



waterproof



antibacterial

# Passive Mattresses Portfolio

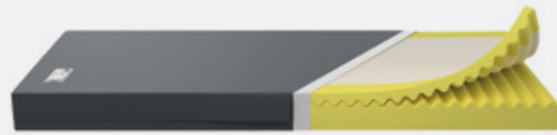
		VALUE			ADVANCED
		<b>EffectaCare 10</b> — Monoblock foam mattress with wave profiling on both sides which makes it flippable inside the cover.	<b>EffectaCare 20</b> — Monoblock foam mattress. The core is cut transversely on top in the sacral area. Bottom profiling allows easier mattress positioning.	<b>PrimaCare 10</b> — One layer mattress with transverse and longitudinal profiling at the top part. Fully profiled for additional contouring.	<b>MediMatt 30</b> — Two lying surfaces with high elastic foam for high comfort. Lying surface with a polyether-cold foam and support layer from polyether foam.
					
		   sewn seams    110 kg    double-sided	  sewn seams    150 kg	  sewn seams    200 kg	  sewn seams    150 kg
		Monoblock foam			2 layer foam
Foam Layer	Foam Upper Layer	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 cold foam 50 kg/m <sup>3</sup>
	Foam Lower layer				9 cm Polyether foam 41 kg/m <sup>3</sup>
Reinforced Edge		×	×	×	✓
Zipper		180°	180°	180°	180°
Cut Corners		×	×	✓	✓
Ergoframe		×	×	×	✓
Profiled Top Surface		Convolutated	Partial	Full	×
Max. Patient Weight		110 kg	150 kg	200 kg	150 kg
Min. Patient Weight		40 kg	40 kg	40 kg	30 kg
Warranty (years)	Cover	2	2	2	4
	Foam	1	1	2	4
2 Transport Handles		×	×	×	✓
Evacuation Cover (option)		×	×	×	✓
Foam/Cover Fire Protection		Crib 5	Crib 5	Crib 5	Crib 5



## PREMIUM

### ViskoMatt 10

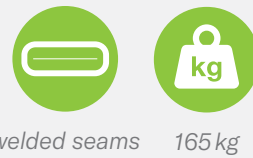
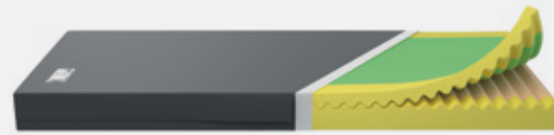
— Entry-level model for pressure injury prevention with good pressure relief. Viscoelastic foam surface with a polyether support layer.



welded seams 150 kg

### ViskoMatt 30

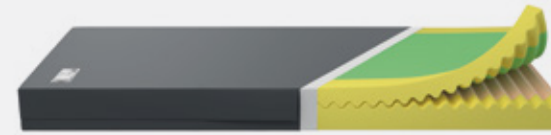
— Very good pressure relief. Highly elastic and durable with an antimicrobial viscoelastic polyurethane foam surface and a polyether cold foam support layer.



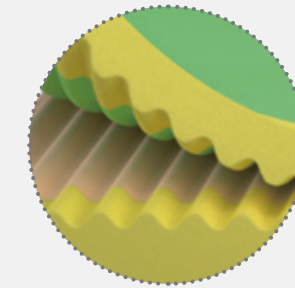
welded seams 165 kg

### ViskoMatt 50

— Excellent pressure relief. Highly elastic and durable with an antimicrobial viscoelastic polyurethane foam surface and a polyether cold foam support layer.

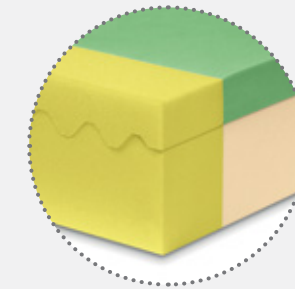


welded seams 190 kg



**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

### Viscoelastic foam

ViskoMatt 10	ViskoMatt 30	ViskoMatt 50
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>
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>
✓	✓	✓
180°	180°	180°
✓	✓	✓
✓	✓	✓
×	×	×
150 kg	165 kg	190 kg
30 kg	30 kg	30 kg
4	4	4
4	6	7
✓	✓	✓
✓	✓	✓
Crib 5	Crib 5	Crib 5

# ViskoMatt Premium Mattresses

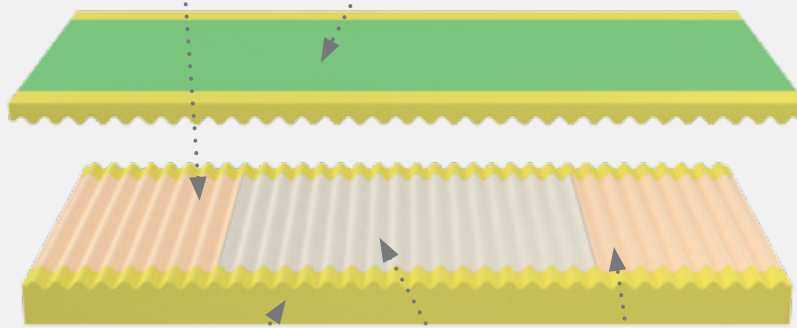
## ViskoMatt 50

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.

Head area from cold foam (33 kg/m<sup>3</sup>)

Lying surface with an antimicrobial equipped viscoelastic foam (7 cm, 85 kg/m<sup>3</sup>)



Foot area from cold foam (33 kg/m<sup>3</sup>)

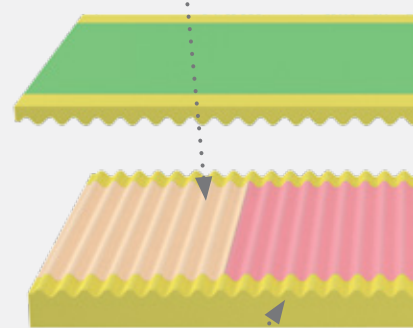
10 cm wide reinforced edges

Support layer from cold foam for middle area (9 cm, 80 kg/m<sup>3</sup>)

## Visko

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

Head area from cold foam (33 kg/m<sup>3</sup>)



10 cm wide reinforced edges

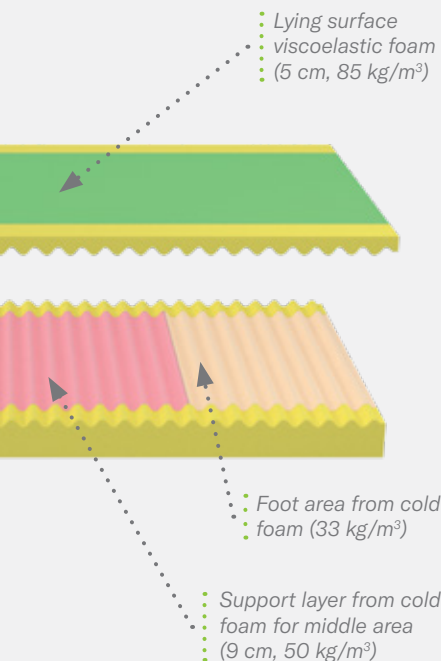
## Why Viscoelastic = Memory Foam

- 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.



## Matt 30

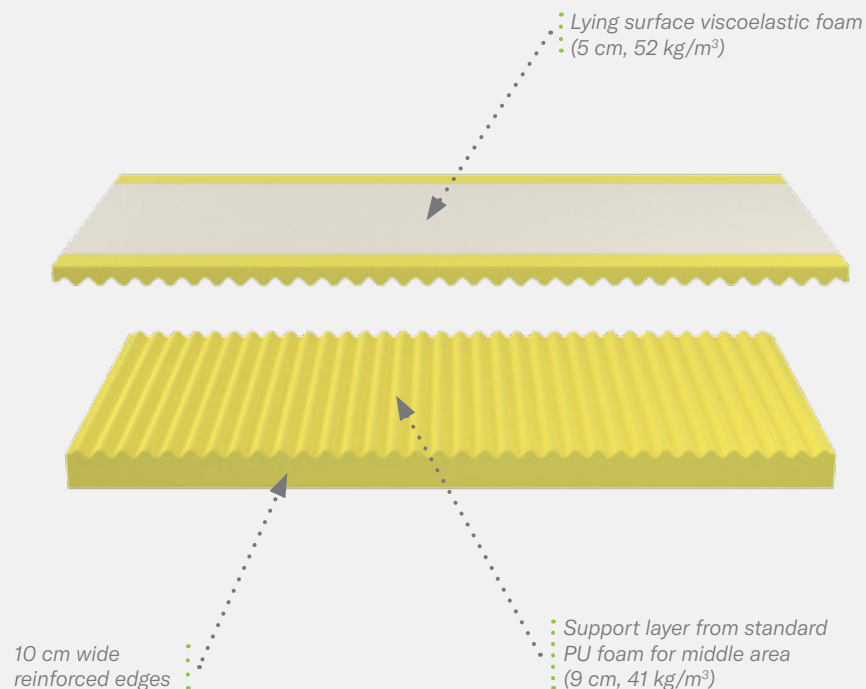
excellent durability. In addition to this, local pressure points are avoided.



## ViskoMatt 10

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

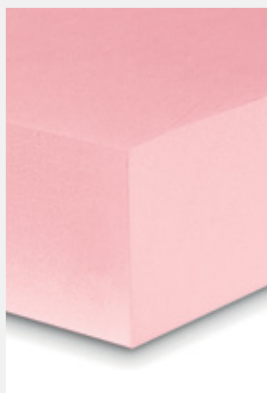
contact with the mattress, considerably reducing the risk of pressure injuries.



### Why 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.

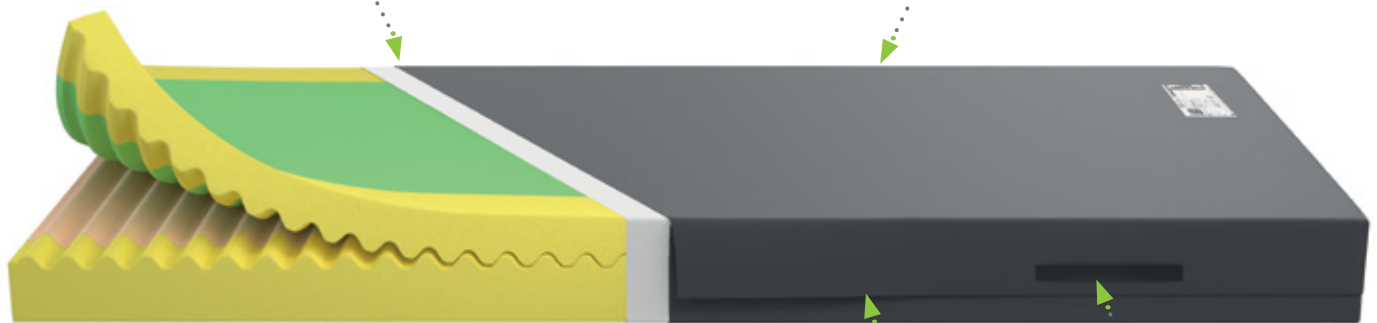
Example: density 60 = 60 kg/m<sup>3</sup>

# PERLASTIC® Silber protective cover

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

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

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



Welded seams

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.



## 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



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

## 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)



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

## Mattresses Dimensions (cm)

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

ViskoMatt 10	200 × 90 × 14	208 × 88 × 14
	190 × 86,5 × 14	142 × 70 × 10
	190 × 90 × 14	137 × 70 × 10
	208 × 96 × 14	200 × 114 × 14
	200 × 100 × 14	200 × 79 × 14
ViskoMatt 30	220 × 86,5 × 14	190 × 79 × 14
	200 × 86,5 × 14	208 × 96 × 14
	200 × 90 × 14	208 × 96 × 14
	190 × 86,5 × 14	208 × 88 × 14
	190 × 90 × 14	200 × 114 × 14
ViskoMatt 50	200 × 100 × 14	200 × 79 × 14
	220 × 86,5 × 14	190 × 79 × 14
	200 × 86,5 × 16	208 × 96 × 16
	200 × 90 × 16	208 × 96 × 16
	190 × 86,5 × 16	208 × 88 × 16
ViskoMatt 50	190 × 90 × 16	220 × 86,5 × 16
	200 × 100 × 16	200 × 114 × 16





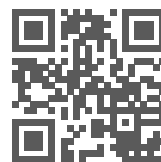
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Members of LINET Group

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