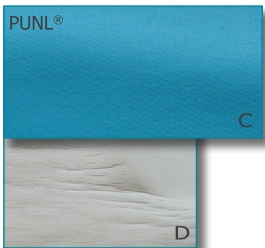
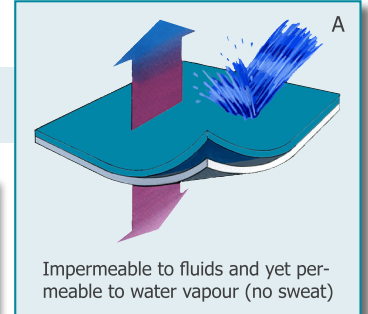
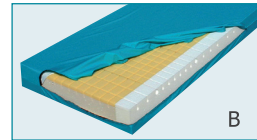


System Liners

PUNL® SYSTEM LINERS

PUNL® „SB“ · „SL“ · „Silver“



Microfolds in another product



Disinfection through wiping



Fluid

ADVANTAGES

The specially manufactured, polyurethane-coated fabric on chain goods with stretch properties in both directions (bi-elastic) without developing micro-creases (see figures C, D) has additional pressure relief and prevents the development of decubitus.

PUNL® fabric is washable, wipeable with disinfectant and practically impermeable to blood, secretion, infusion solutions and urine (figures E, F) but still breathable and water vapour permeable (see figure A), which means that maceration of the skin as a result of a build up of heat and damp is considerably minimized.

Due to the excellent abrasion resistance of the PU coating (the adhesion of the PU coating on the support fabric is larger 60N/50mm) the cover can be washed up to 300 times.

Designs possible in sliding, anti-skid, anti-static and lots of colour combinations.

Use as a mattress cover, mattress sheet, incontinence cover, cover for therapy and positioning aids

Additional advantages of PUNL® "Silver"

PUNL® Silver* actively and effectively kills MRSA and a large proportion of other clinical pathogens - even after years of use. PUNL® Silver* also works against the pathogens ESBL, E-coli and Cdiff.

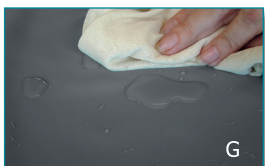
PUNL® Silver* use works actively against MRSA and a further range of disease pathogens with its silver coating. 99.9% of pathogens are eliminated upon contact. Its effects are maintained for 4 years with correct care and use.

To maintain the mechanism efficiently, the cover must be regularly cleaned and disinfected. PUNL® Silver* is washed at temperatures of up to 70°C in a washing machine and dried at up to 130°C.

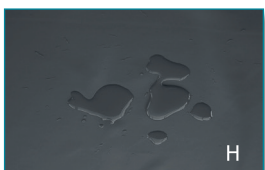
Colour for weight class PUNL® „SB“	 „S“ mint	 „M“ aquamarine	 „XL“ wine red	PUNL® „Silver“  silver	PUNL® „SL“  dark blue
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PUPOTEX™ SYSTEM LINERS

PUPOTEX® „100“ · „300“



Disinfection through wiping



Fluid

ADVANTAGES








For PUPOTEX™ covers, a special surface was developed to prevent all friction when compared to all other textiles, and thus to make the positioning and moving of the patient easier (PUPOTEX™100) or to make the positioning of the whole mattress easier (PUPOTEX™300).

PUPOTEX™ fabric is washable, wipeable with disinfectant and practically impermeable to blood, secretion, infusion solutions and urine (figures G, H) but still breathable and water vapour permeable (see figure A), this means that maceration of the skin as a result of a build up of heat and damp is considerably minimized.

PUPOTEX™ creates a long term barrier against mites and bacteria
PUPOTEX™ is resistant to all organic liquids

System Liners CE

SHORT DESCRIPTION SYSTEM LINERS

	System Liners	Features ¹
	JERSEY CS	bi-elastic, stretchable, low flammability, washable at 95°C, autoclave proof (Coating with mattress core is autoclavable), no disinfection by wiping, optimally permeable to air (98%), approx. 220g/m2
	KOMBI PUNL®	One side PUNL®, one side JERSEY, has 2 uses, breathing activity and moisture protection, PUNL® side disinfectable by wiping, coating with mattress core is autoclavable
	PUNL® „SILVER“	Bi-elastic PU coated fabric 250g/m2 with silver ions against MRSA bacteria etc., can be washed up to 70°C, autoclave-proof
	PUNL® „SB“	Bi-elastic PU-coated fabric 190g/m2, wiping disinfection or approx. 300 washing cycles at 95°C.
	PUNL® „SL“	Bi-elastic PU-coated fabric 240g/m2, wiping disinfection or approx. 300 washing cycles at 95°C, extra slippery (for repositioning and additional reduction of burden).
	PUPOTEX™ „100“ „300“	PU-coated polyester fabric developed specially for FAVUSAN® and for covers without friction on the surface, disinfectable by wiping, boil-proof
	EVAC TWIN RESCUE	Rescue unit for evacuating the patient in the case of fire integrated in the mattress cover. Underside PUPOTEX™ „300“, with carrying, transport and patient restraint handles. Top side selectable upper covers (Standard PUNL® „SB“). For details see p.14.

PROPERTIES SYSTEM LINERS¹

	PUNL® „SB“ · „SL“	PUNL® „SILVER“	PUPOTEX™ „100“ · „300“
Liquid-tight,	yes	yes	yes
grammage g/m2	190 („SB“) · 240 („SL“)	250	120 („100“) · 240 („300“)
flame retardant	yes	yes	yes
breathable / water vapour permeable	yes	yes	yes
PVC latex phthalate free	yes	yes	yes
disinfectable by wiping	yes	yes	yes
bi-elastic	very good	good	n.a.
mite proof / fungistatic	yes	yes	yes
washable	up to 95°C	up to 70°C	up to 95°C
suitable for tumble dryers	up to 130°C	up to 130°C	up to 130°C
abrasion resistance	very good	very good	good („100“) · very good („300“)
bio-compatible	yes	yes	yes
CE medical product class I	yes	yes	yes

¹ The properties of our mattress liners are constantly improved - technical modifications of data reserved. For details see separate technical datasheet.

Success in healthcare

EVAC TWIN RESCUE LINER



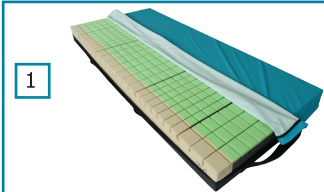
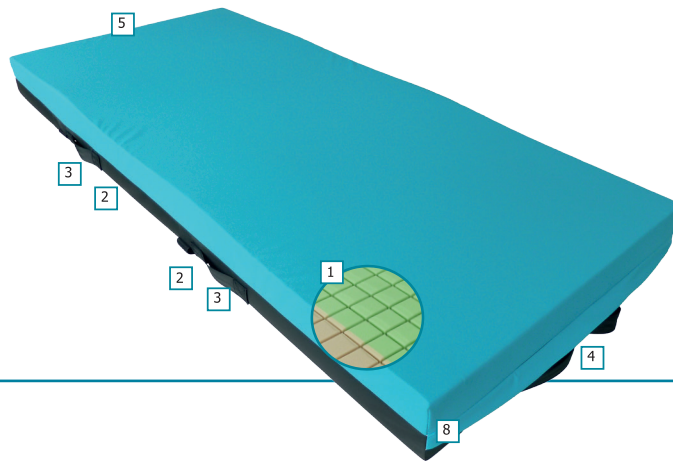
EVAC TWIN is a mattress cover for premium medical mattresses, which can also be used to evacuate patients using the stairs in the case of an emergency.

All mattress cores from our range of medical and therapeutic mattresses can be incorporated in the evacuation mattress cover, which are intended for bed-ridden patients (as of an average/high expected risk of decubitus; as of existing stage 1 decubitus, with the exception of heavy duty systems). This two-in-one system has the advantage that appropriate attention can be given to the decubitus prophylaxis and therapy with the option of evacuation

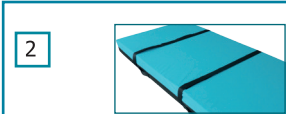
These are the advantages:

- The rescue system for immobile patients/residents, can be used independent of the elevator
- Fast evacuation by **one** rescuer (also via the staircase)
- Secure positioning and fixation of the patient/resident using double belt system
- Ideal patient care during evacuation
- Easy and safe handling, suitable for patient weight up to a max. of 150kg
- Evacuation system **EVAC TWIN** is flame resistant
- **Same initial costs as an individual mattress + evacuation mat**

EVAC TWIN
two-in one at the same price
Mattress and evacuation mat
in one system



1 Core: All mattress cores from our range of medical and therapeutic mattresses can be incorporated in the evacuation mattress cover, which are intended for bed-ridden patients (as of an average/high expected risk of decubitus; as of existing stage 1 decubitus, with the exception of heavy duty systems).



2 2 belt straps for the perfect fixation of the patient on the mat. The bedding (blanket, pillow) must remain in the bed and serves the secure and stable fixation of the patient and at the same time, protects the patient against hypothermia (see illustration **7**). When not in use, these are stored in the strap supports on the bottom of the mattress (illustration **6**).



3 4 carrying straps are intended to lift the patient out of the bed. If there is only 1 person available, the mattress can be pulled out with the patient using strap **4** (at the foot of the mattress).



4 Using the shorter strap at the foot of the mattress, the mattress can be pulled out of the bed by 1 person. In the further course of the evacuation, this strap is used to pull.



5 The longer strap at the head of the mattress is used to steer resp. brake, when 2 persons are handling the evacuation. This strap is folded and attached at the head of the mattress.



6 Bottom: Full surface, tear-resistant PUPOTEX™ 300 with strap support system for fastening straps while not in use.



8 Top cover: Made of time-tested PUNL® material (PU coated, bi-elastic, breathable fabric; impermeable to liquids, can be washed off and disinfected). The PUNL® top has a separable zipper and if necessary, can be easily individually replaced.

MATTRESSES- & SYSTEM MATTRESS LINERS

RECOMMENDED¹ FOR THE FOLLOWING DEGREES OF DECUBITUS OR RISKS

Article no. standard model	SYSTEM CORE	see page	patient body weight	EXPECTED ¹ DECUBITUS RISK			EXISTING ¹ DEGREE OF CUBITUS				ideal for ²	
				low risk	average/ high risk	high risk	degree I-II	degree II-III	degree III-IV	degree IV & pain management	for Clinics, Hospitals	Retirement and Nursing Homes
6390102501	FAVUSAN „S“	4-5	30-70	*	*	*	*	*	*	*	+	+++
6390202501	FAVUSAN „M“	4-5	60-150	*	*	*	*	*	*	*	+++	+++
6390302501	FAVUSAN „XL“	4-5	135-250	*	*	*	*	*	*	*	++	+
6320104111	MED SLOW „S“	6	40-80	*	*	*	*	*	*		+	+++
6320204111	MED SLOW „M“	6	60-150	*	*	*	*	*	*		+++	+++
6320304111	MED SLOW „XL“	6	130-250	*	*	*	*	*	*		++	+
6321104111	MED RAND „S“	7	40-80	*	*		*	*			+	+++
6321204111	MED RAND „M“	7	60-150	*	*		*	*			+++	+++
6321304111	MED RAND „XL“	7	130-250	*	*		*	*			++	+
6350202111	DUOVISCO RAND	8	40-150	*	*	*	*	*			+++	+++
6351102111	VISCO RAND „S“	9	40-80	*	*		*	*			+	+++
6351202111	VISCO RAND „M“	9	60-150	*	*		*	*			+++	+++
6351302111	VISCO RAND „XL“	9	130-250	*	*		*	*			++	+
6301104111	GERA RAND „S“	10	40-80	*			*				+	+++
6301204111	GERA RAND „M“	10	60-150	*			*				+++	+++
6301304111	GERA RAND „XL“	10	130-250	*			*				++	+
6380302111	TRIDIPO „XL“	11	150-300	*			*				++	+
6380402111	TRIDIPO „XXL“	11	250-400	*			*				++	+

All mattress systems can be used for patients who are not at risk.

¹ The recommendations come from a rule of thumb based on several years of experience and can minimize the risk. The presence of decubitus or its treatment is always individually dependent on the patient and their general condition (age, weight, diet, circulation, metabolism, mobility etc.). Upper rules of thumb therefore do not discharge you from monitoring each patient individually and taking suitable measures in good time. For all at risk patients please consider a positioning plan and use any additional aids in the form of positioning pillows etc..

² The suitability is always dependent on the weight of individual patients. Our recommendation is based on an average rule of thumb for the use of the different units.

- +++ best suited as a standard mattress when considering the patient's weight
- ++ very well suited depending on the individual patient weight
- + well suited depending on the individual patient weight