

Technical Manual

CARSOFT 4 mattress UNIMAT mattress ROTAMAT mattress BARIA FORM mattress HALFA mattress SOFFIA mattress

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TECHNICAL CHARACTERISTICS OF THE DEVICE

Technical characteristics:

Technical characteristic of UNIMAT		
Top layer of high-elasticity foam	Polyurethane 40 kg/m³ – Load-bearing capacity: 1.6	
Top layer of high elasticity foam	Кра	
	Polyurethane 37 kg/m³ – Load-bearing capacity: 3.5	
Bottom layer of high resilience foam	Кра	
	Fire classification: M4	
Insert of high resilience foam	Polyurethane 40 kg/m³ – Load-bearing capacity: 6	
	Kpa	
	Fire classification: M4	
	65% Polyurethane – 35% Polyester	
Integral cover in CARTEX	Weight: 140 g/cm ²	
	Fire classification: crib 5	
Integral cover in bi-elastic PHARMATEX	50% Polyurethane – 50% Polyester	
	Grammage: 205 g/cm ²	
	Fire classification: crib 5	
Fire resistance test	EN 597-1 & EN 597-2	

Technical characteristic of CARSOFT 4	
Top layer of viscoelastic foam	Polyurethane 50 kg/m³ – Load-bearing capacity: 1.8
	Кра
	Fire resistance test: EN 1021-1
Bottom layer of high resilience foam	Polyurethane 30 kg/m³ – Load-bearing capacity: 6.3
	Кра
Insert of high elasticity foam	Polyurethane 40 kg/m³ – Load-bearing capacity: 1.6
insert of high elasticity loans	Кра
	65% Polyurethane – 35% Polyester
Integral cover in CARTEX	Weight: 140 g/cm ²
	Fire classification: crib 5
Fire resistance test	EN 597-1 & EN 597-2

Technical characteristic of ROTAMAT		
Outer layers of high elasticity foam	Polyurethane 40 kg/m ³ – Load-bearing capacity: 1.6	
	Кра	
	Polyurethane 37 kg/m³ – Load-bearing capacity: 3.5	
Insert of high resilience foam	Кра	
	Fire classification: M4	
Integral cover in CARTEX	65% Polyurethane - 35% Polyester	
	Weight: 140 g/cm ²	
	Fire classification: crib 5	
Integral cover in bi-elastic PHARMATEX	50% Polyurethane – 50% Polyester	
	Grammage: 205 g/cm ²	
	Fire classification: crib 5	
Fire resistance test	EN 597-1 & EN 597-2	

Technical characteristic of BARIA FORM	
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	Polyurethane 50 kg/m³ – Load-bearing capacity: 2.5	
Top layer of viscoelastic foam	Kpa	
	Fire classification: M4	
	Polyurethane 40 kg/m³ – Load-bearing capacity: 6	
Bottom layer of high resilience foam	Kpa	
	Fire classification: M4	
	Polyurethane 37 kg/m³ – Load-bearing capacity: 3.5	
Middle layer of high resilience foam	Kpa	
	Fire classification: M4	
Integral cover in CARTEX	65% Polyurethane – 35% Polyester	
	Weight: 140 g/cm ²	
	Fire classification: CRIB 5	
Anti-slip undercover	80% PVC - 20% Polyester	
3D mesh	50% Polyurethane – 50% Polyester	
	Weight: 205 g/cm ²	
Fire resistance test	EN 597-1 & EN 597-2	

Technical characteristic of SOFFIA		
Top layer of viscoelastic foam	Polyurethane 50 kg/m³ – Load-bearing capacity: 2.5	
	Kpa	
	Fire classification: M4	
	Polyurethane 37 kg/m³ – Load-bearing capacity: 3.5	
Bottom layer of high resilience foam	Kpa	
	Fire classification: M4	
Middle layer of high resilience foam	Polyurethane 40 kg/m³ – Load-bearing capacity: 1.6	
Middle layer of flight resilience toain	Кра	
	Polyurethane 40 kg/m³ – Load-bearing capacity: 6	
Insert of high resilience foam	Kpa	
	Fire classification: M4	
	65% Polyurethane – 35% Polyester	
Integral cover in CARTEX	Weight: 140 g/cm ²	
	Fire classification: CRIB 5	
Anti-slip undercover	80% vinyl of polychloride (PVC) – 20% Polyester	
Fire resistance test EN 597-1 & EN 597-2		

Technical characteristic of HALFA	
Top layer of viscoelastic foam	Polyurethane 50 kg/m³ – Load-bearing capacity: 2.5
	Kpa
	Fire classification: M4
Bottom layer of high resilience foam	Polyurethane 28 kg/m³ – Load-bearing capacity: 3.4
	Kpa
	Fire classification: M4
Integral cover in PROMUST	58% Polyurethane – 42% Polyester
	Weight: 120 g/cm ²
	Fire classification: CRIB 5
Fire resistance test	EN 597-1 & EN 597-2

COMPATIBLES PROTECTIVE ACCESSORIES

DIMENSIONAL		
REFERENCES	CHARACTERISTICS	
CARSOFT 4 cover		
639212 for CARSOFT 4 mattress – BED 90	88 x 198 x 16 cm	
ROTAMAT covers		
04.416DH, 04.416DDH, 04.416TH, 04.416TDH for ROTAMAT mattress - BED 90	88 x 198 x 16 cm	
BARIA FORM covers		
04.6090H for BARIA FORM mattress – BED 90	90 x 195 x 20 cm	
04.6100H for BARIA FORM mattress – BED 100	100 x 195 x 20 cm	
04.6110H for BARIA FORM mattress – BED 110	110 x 195 x 20 cm	
04.6120H for BARIA FORM mattress – BED 120	120 x 195 x 20 cm	
04.6140H for BARIA FORM mattress – BED 140	140 x 195 x 20 cm	
04.6160H for BARIA FORM mattress – BED 160	160 x 195 x 20 cm	
UNIMAT covers		
04.15DH, 04.15DDH, 04.15TH, 04.515TDH for UNIMAT mattress - BED 90	88 x 198 x 16 cm	
SOFFIA covers		
17.HMS602H for SOFFIA mattress - BED 90	198 x 88 x 16 cm	
17.HMS602-10H for SOFFIA mattress - BED 100	198 x 100 x 16 cm	
HALFA covers		
17.HMS601H for HALFA mattress – BED 90	196 x 86 x 14 cm	
17.HMS601-10H for HALFA mattress – BED 100	196 x 100 x 14 cm	

Only protective accessories distributed by WINNCARE France guarantee compatibility with our products. Incompatible accessories may create hazards.

PRECAUTIONS FOR USE

- A mattress should be installed on a flat and high-quality bed frame,
- For mattresses delivered compressed, check the "use by" date on the box. Respect the decompression time of 2-10 minutes before placing the patient on the mattress.
- The use of a support to prevent pressure ulcers/injuries is accompanied by therapeutic education of the person equipped with this device and their family. This must be provided by a health professional working at home or in an institution. A follow-up booklet of recommendations and preventive actions can be created to record the preventive actions.
- It is important to keep excess thickness between the body and the support as low as
 possible, except for the outer garment and a possible full body diaper. Prefer cotton
 outerwear that is not too tight and, if possible, without seams in the support areas. Do

- not use folded towels or sheets, extra pillows, etc. Ensure that there are no foreign objects such as tubes, crumbs, fat, etc.
- For reasons of hygiene, each pressure ulcer/injury prevention aid should be used by one person only.
- Check that the dimensions of the mattress, bed and bed rails match the user's body shape.
- Check that there is no gap between the bottom rail of the bed rail and the top of the mattress. A minimum distance of 22 cm between the top of the bed rail and the top of the mattress when the patient is present is recommended.
- Do not place the mattress on top of another mattress, but on top of a bed base. Check that the base is in good condition, that it is not sagging in the middle.
- Mark the direction of installation of the mattress. The protective strip should be positioned so that it covers the zip, which is not waterproof.
- Write the date of use of the mattress directly on the cover label in the indicated place with a marker.
- Do not cover the mattress with anything other than the cover or protection recommended by the manufacturer. Use a replacement cover recommended by the manufacturer to maintain the characteristics of the mattress.
- Place a cotton sheet over the cover. Do not tuck it in to avoid a hammock effect.
- In case of incontinence, clean the cover and possibly the mattress. When washing, it is advisable to use a spare cover to avoid direct contact with the mattress surface.
- Avoid using sharp objects on the mattress.
- Reinforced surveillance in subjects at risk of falling (patient profile: invalid, agitated, not lucid).

PREVENTIVE MAINTENANCE

Regularly check the cover for holes or signs of erosion. Contact your dealer in case of abnormal deterioration.

CARE AND DISINFECTION

CLEANING THE COVER

Surface cleaning and disinfection (bioneting). Compatible with steam processes. Machine washable at a recommended temperature of 60°C with a cold-down principle. Open the zip.

The following conditions must be respected for CARTEX. PROMUST and PHARMATEX covers:

90°	Moderate wash up to 90°C.
CL ≥ 5000 ppm	Maximum allowable chlorine concentration of 5000 ppm.
\odot	Trumble dry on low heat.

Z	Do not iron.
\boxtimes	Do not dry clean.

CAUTION

Do not use corrosive cleaning products or industrial degreasers to avoid damage to the textile.

DISPOSAL

Do not burn or throw away the used product. Take it to a waste disposal site, which will take care of it.





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