

CATALOGUE

HOSPITAL PRODUCTS

Comfort and technology in
mattresses, pillows, positioners
and foam wipes



At Mediflex, the priority is simple: do it right, every time.

We work for a sector where detail matters and failure is not an option. In a medical and hospital setting, every decision has an impact on the comfort, safety and peace of mind of those who use the product and those who rely on it every day. It is with this awareness that Flex2000 develops and manufactures the Mediflex solutions, with seriousness, consistency and a clear sense of responsibility.

Our commitment lies in what is not visible at first glance. It lies in the discipline of the process, in the way we control every stage and in the rigour with which we handle raw materials, production and the final product. It also lies in the ability to listen to our partners, understand specific needs and respond with tailored solutions, without compromising what we consider essential: reliability and performance over time.

Flex2000 works to guarantee consistency. That performance remains stable over time, batch after batch, delivery after delivery. That quality is a standard, supported by well-defined processes and a skilled team. It is this culture of rigour and continuous improvement that underpins Mediflex.

And when this level of rigour needs to be demonstrated, Flex2000 also relies on recognised standards, including **ISO 13485 (medical devices)**, ISO 14001, ISO 45001, ISO 9001 and ISO 56001, which strengthen the structure of our management system and the discipline with which we work.

In the end, the promise is clear. To offer solutions that can be trusted, designed with knowledge, manufactured with care and delivered with the responsibility the context demands.

Mediflex exists to support those who care and those who are cared for. Behind every delivery lies the responsibility to contribute, in a concrete way, to comfort, safety and confidence in environments where this makes all the difference.



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MEDIFLEX®

MATTRESSES

Mediflex mattresses are designed to offer maximum comfort and safety, meeting the specific needs of the healthcare sector. Developed with high-quality foams for hospital environments.

Our anti-decubitus mattresses are ideal for the prevention of pressure ulcers, ensuring patient well-being.



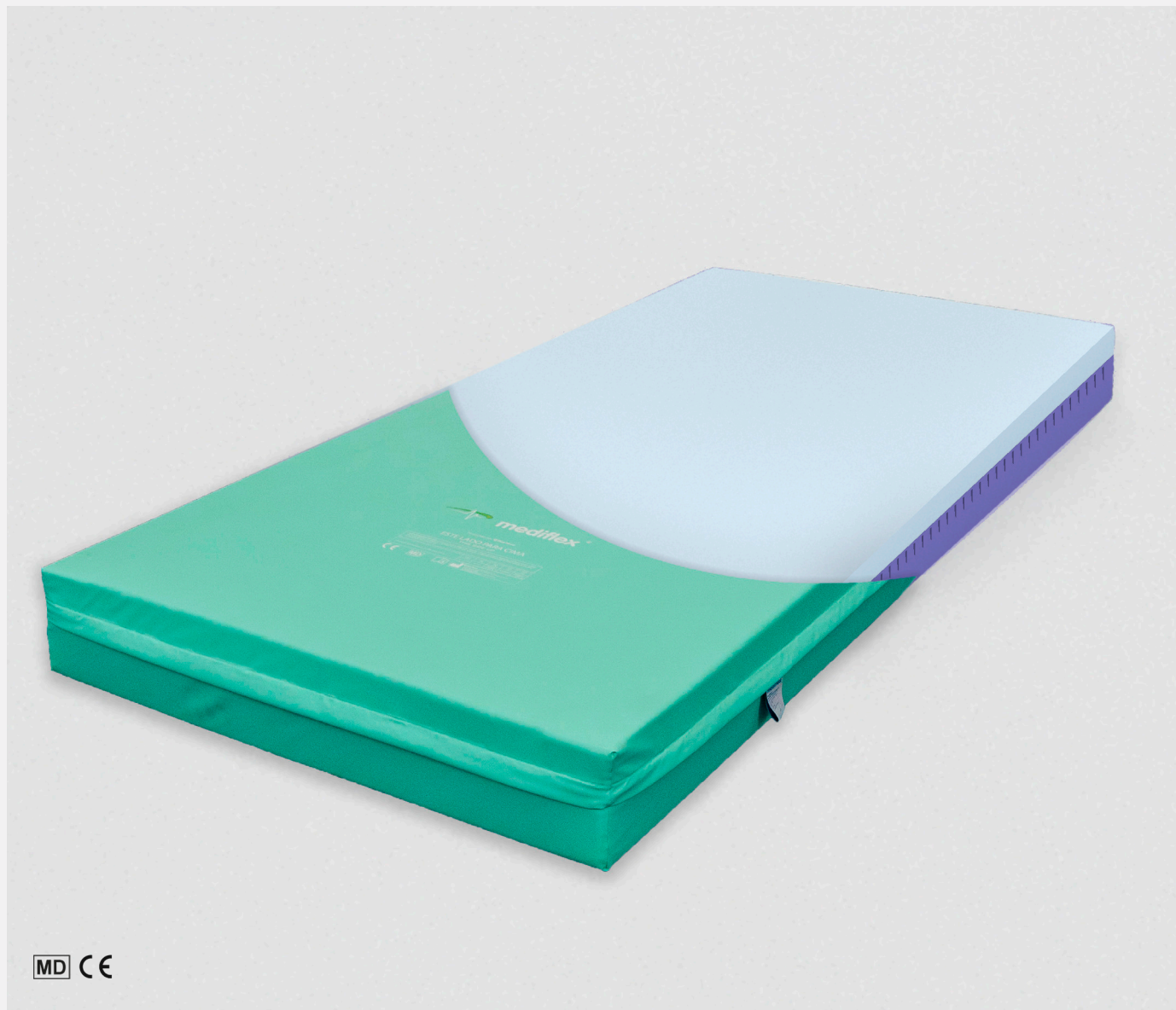
MATTRESSES

Indicated for patients prone to developing pressure ulcers.

MATTRESSES

ANTI-DECUBITUS SUPRA

The Anti-Decubitus Supra Mattress was developed to meet the most demanding comfort, safety and pressure ulcer prevention needs, making it ideal for high-risk users.



MD CE



Option: Cut-Out Corners

The mattress features the Flexsilk US cover (ultrasonically welded). It can also be supplied with a non-slip base.

To ensure a safe and functional fit with clinical equipment, this mattress can be supplied with cut-out corners. This Mediflex mattress includes an inner tricot knit liner, which minimises internal friction, preserves the integrity of the foam and contributes to a longer mattress life. For greater logistical convenience, the mattresses are supplied boxed, making transport, handling and storage easier.

3-year warranty.

Clinical comfort with maximum safety.

Its structure consists of a top layer of 7 cm Viscoflex® foam with a density of 85 kg/m³, providing pressure relief and long-lasting comfort.

It adapts perfectly to the body's shape, helping to prevent skin lesions caused by continuous pressure.



The base consists of 11 cm of Plumex® (high resilience) foam with a density of 55 (kg/m³), providing the necessary support and compatibility with articulated beds.



PERFORMANCE Average Pressure Reduction of 30% to 45% (compared with a conventional mattress): Supports pressure ulcer prevention through efficient redistribution of body weight.

Ergonomic adaptation to the user's body shape

ADVANTAGES Waterproof and breathable cover, ultrasonically heat-sealed: Seamless, reducing the possibility of leaks and the risk of cross-contamination.

Inner tricot knit liner. Minimises internal friction, preserving the integrity of the foam and extending the mattress's service life. Makes fitting and removing the Flexsilk US cover easier

MATTRESSES

ANTI-DECUBITUS SUPRA TECHNICAL SPECIFICATIONS

DIMENSIONS [MM]



LENGTH

1950/1900/1850

WIDTH

900/850/800

HEIGHT

180

Other sizes available
on request.

CORE COMPOSITION



BASE

Polyurethane foam of Plumex® (HR), 11 cm thick.

CHARACTERISTICS

Density:
Compression hardness
(CV40%):

VALUE

55
3.5
>2.6

UNIT

[kg/m3]
[kPa]

STANDARD

ISO 845
ISO 3386/I

SURFACE

Viscoflex® foam, 7 cm thick.

CHARACTERISTICS

Density:
Compression hardness
(CV40%):

VALUE

85
1.7

UNIT

[kg/m3]
[kPa]

STANDARD

ISO 845
ISO 3386/I

COVER CHARACTERISTICS



COMPOSITION

Base: Polyamide Finish: Polyurethane

CHARACTERISTICS

Weight:
Water penetration
resistance:
Water vapour
permeability:
Flexibility:
Reaction to fire:

VALUE

280
>200
>700
200,000
Fire retardant

UNIT

[g/m2]
[cm]
[g/m2/24h]
(no loss)

STANDARD

ISO 1420
ADTM 96-66: 1972
ISO 5401-1:2011
BS 7175:1989
BS 5852

Antibacterial:

Ultra-Fresh Thomson Research

Other characteristics

Ultrasonically welded seams and zip protected by a flap.

CERTIFICATIONS



CHARACTERISTICS

Core:
Cover:
CE marking:

VALUE

280
Class I
MD Class I

STANDARD

OEKO-TEX® Standard 100
OEKO-TEX® Standard 100
EU 745/2017



CLEANING INSTRUCTIONS

(ISO/FDIS 3758:2005)



We recommend cleaning the mattress cover with water and neutral soap. In the cleaning and disinfection process, only the products on the list provided by our technical services should be used, always respecting the prescribed concentration. Always rinse with water after cleaning, otherwise discolouration, wrinkling and loss of strength of the PU (top layer of the fabric) may occur. The cover may shrink after washing. Washing may reduce the effectiveness of the antibacterial treatment.



MATTRESSES

Typically used to delay the onset of pressure ulcers in patients at medium to high risk

MATTRESSES

ANTI-DECUBITUS ARTICULATED

The Anti-Decubitus Articulated Mattress was developed to delay the onset of pressure ulcers in users at medium to high risk.

Its structure allows effective adaptation to articulated beds, promoting comfort and pressure redistribution, which helps delay the onset of pressure ulcers.



Option: Cut-Out Corners

The mattress features the Flexsilk US cover (ultrasonically welded). It can also be supplied with a non-slip base.

To ensure a safe and functional fit with clinical equipment, this mattress can be supplied with cut-out corners. This Mediflex mattress includes an inner tricot knit liner, which minimises internal friction, preserves the integrity of the foam and contributes to a longer mattress life. For greater logistical convenience, the mattresses are supplied boxed, making transport, handling and storage easier.

3-year warranty.

Comfort adapted to the user's mobility.

Its structure consists of a top layer of 5 cm Viscoflex® foam, with a density of 50 kg/m³, providing excellent distribution of pressure points.

This layer adapts to the body's shape, helping to prevent skin lesions caused by continuous pressure.



The base consists of 10 cm of Plumex® foam (high resilience) with a density of 30 kg/m³, providing the necessary support and compatibility with articulated beds.



PERFORMANCE Estimated pressure reduction: 15% to 30% (compared with a conventional mattress)

Even distribution of pressure points

Ergonomic adaptation to the user's body shape

ADVANTAGES Waterproof and breathable cover – ultrasonically heat-sealed: Seamless, reducing the possibility of leaks and the risk of cross-contamination.

Inner tricot knit liner. Makes fitting and removing the Flexsilk cover easier, minimises internal friction, preserves the integrity of the foam and contributes to a longer mattress life

MATTRESSES

ANTI-DECUBITUS ARTICULATED

TECHNICAL SPECIFICATIONS

DIMENSIONS [MM]



LENGTH

1950/1900/1850

WIDTH

900/850/800

HEIGHT

150

Other sizes available on request.

CORE COMPOSITION



BASE

Polyurethane foam of Plumex® (HR), 10 cm thick.

CHARACTERISTICS

VALUE

UNIT

STANDARD

Density:

30

[kg/m3]

ISO 845

Compression hardness (CV40%):

3.3

[kPa]

ISO 3386/I

SAG factor:

>2.6

SURFACE

Viscoflex® foam, 5 cm thick.

CHARACTERISTICS

VALUE

UNIT

STANDARD

Density:

50

[kg/m3]

ISO 845

Compression hardness (CV40%):

1.6

[kPa]

ISO 3386/I

COVER CHARACTERISTICS



COMPOSITION

Base: Polyamide

Finish: Polyurethane

CHARACTERISTICS

VALUE

UNIT

STANDARD

Weight:

280

[g/m2]

Water penetration resistance:

>200

[cm]

ISO 1420

Water vapour permeability:

>700

[g/m2/24h]

ADTM 96-66: 1972

Flexibility:

200,000

(no loss)

ISO 5401-1:2011

Reaction to fire:

Fire retardant - BS 7175:
1989 Crib 5

Antibacterial:

Ultra-Fresh Thomson Research

Other characteristics

Ultrasonically welded seams and zip protected by a flap.

CERTIFICATIONS



CHARACTERISTICS

VALUE

STANDARD

Toxicity (core):

OEKO-TEX® Standard 100

Cover:

Class 1

OEKO-TEX® Standard 100

CE marking:

MD Class I

EU 745/2017



CLEANING INSTRUCTIONS

(ISO/FDIS 3758:2005)



We recommend cleaning the mattress cover with water and neutral soap. In the cleaning and disinfection process, only the products on the list provided by our technical services should be used, always respecting the prescribed concentration. Always rinse with water after cleaning, otherwise discolouration, wrinkling and loss of strength of the PU (top layer of the fabric) may occur. The cover may shrink after washing. Washing may reduce the effectiveness of the antibacterial treatment.



The respective tolerances apply to the values shown above (see the technical data sheet of each product)

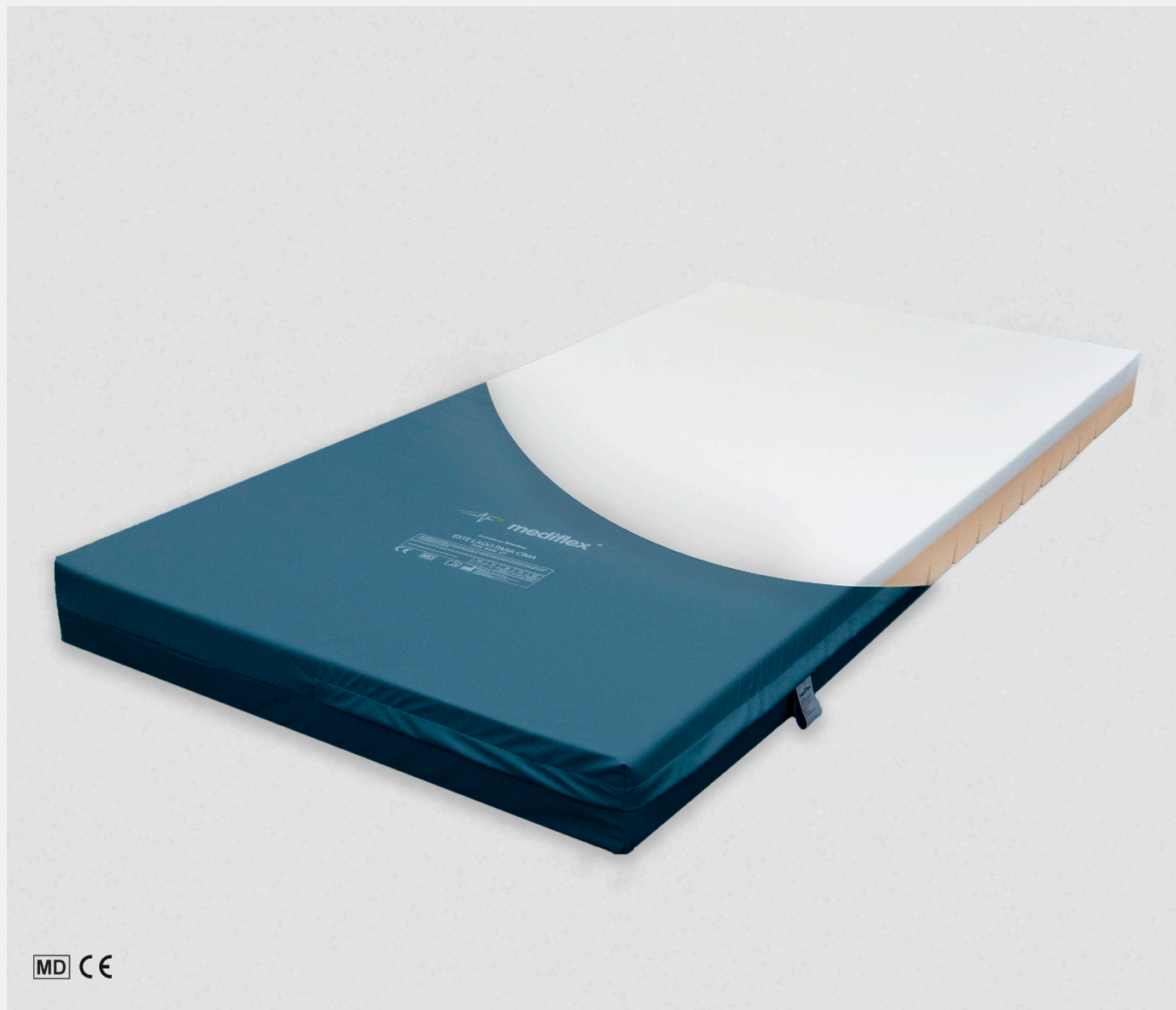
MATTRESSES

Typically used to delay the onset of pressure ulcers in patients at low/medium risk.

MATTRESSES

ANTI-DECUBITUS LIGHT

The Anti-Decubitus Light Mattress was developed to delay the onset of pressure ulcers in users at low to medium risk, providing comfort and support in hospital or home care settings.



The mattress features a waterproof and breathable technical cover, suited to the hygiene requirements of a hospital environment.

Ideal for clinical, hospital or home use.

This Mediflex mattress includes an inner tricot knit liner, which minimises internal friction, preserves the integrity of the foam and contributes to a longer mattress life. For greater logistical convenience, the mattresses are supplied boxed, making transport, handling and storage easier.

3-year warranty.

Clinical comfort for essential care.

Its structure consists of 4 cm of Viscoflex® foam, with a density of 42 kg/m³, which adapts to the body's contours and contributes to a balanced pressure distribution.

This layer adapts to the user's body shape, helping to reduce pressure points and improve comfort during prolonged periods.



The base consists of 8 cm of foam with a density of 28 kg/m³, providing firmness, stability and compatibility with articulated beds.



PERFORMANCE Supports pressure ulcer prevention through **efficient redistribution of body weight**

Compatible with articulated beds, hospital beds and electric beds

ADVANTAGES **Removable and washable cover**, with a zip for easier cleaning
Inner tricot knit liner. Makes fitting and removing the Flexsilk cover easier, minimises internal friction, preserves the integrity of the foam and contributes to a longer mattress life

MATTRESSES

ANTI-DECUBITUS LIGHT

TECHNICAL SPECIFICATIONS

DIMENSIONS [MM]



LENGTH	WIDTH	HEIGHT	Other sizes available on request.
1950/1900/1850	900/850/800	120	

CORE COMPOSITION



BASE <i>Polyurethane foam, 8 cm thick.</i>			
CHARACTERISTICS	VALUE	UNIT	STANDARD
Density:	28	[kg/m3]	ISO 845
Compression hardness (CV40%):	3.5	[kPa]	ISO 3386/I
SAG factor:	>2.6		
SURFACE <i>Viscoflex® foam, 4 cm thick.</i>			
CHARACTERISTICS	VALUE	UNIT	STANDARD
Density:	42	[kg/m3]	ISO 845
Compression hardness (CV40%):	1.6	[kPa]	ISO 3386/I

COVER CHARACTERISTICS



COMPOSITION <i>Base: Polyamide Finish: Polyurethane</i>			
CHARACTERISTICS	VALUE	UNIT	STANDARD
Weight:	230	[g/m2]	
Water penetration resistance:	>200	[cm]	ISO 1420
Water vapour permeability:	>600	[g/m2/24h]	ADTM 96-66: 1972
Flexibility:	200,000	(no loss)	ISO 5401-1:2011
Reaction to fire:	Fire retardant - BS 7175: 1989 Crib 5		
Antibacterial:	Ultra-Fresh Thomson Research		
Other characteristics	Stitched seams and zip protected by a flap		

CERTIFICATIONS



CHARACTERISTICS	VALUE	STANDARD
Core:		OEKO-TEX® Standard 100
Cover:	Class 1	OEKO-TEX® Standard 100
CE marking:	MD Class I	EU 745/2017



CLEANING INSTRUCTIONS

(ISO/FDIS 3758:2005)



We recommend cleaning the mattress cover with water and neutral soap. In the cleaning and disinfection process, only the products on the list provided by our technical services should be used, always respecting the prescribed concentration. Always rinse with water after cleaning, otherwise discolouration, wrinkling and loss of strength of the PU (top layer of the fabric) may occur. The cover may shrink after washing. Washing may reduce the effectiveness of the antibacterial treatment.



MATTRESSES

Mattress with a similar application to the articulated anti-decubitus, with lateral support

MATTRESSES

HOSPITAL I

The Hospital I Mattress helps prevent pressure ulcers in bedridden users at moderate to high risk, and is indicated for hospital environments and general care settings.

The anatomical viscoelastic surface, with 3 comfort zones, promotes balanced adaptation to the body and effective pressure distribution.



Option: Cut-Out Corners

Its structure combines a top layer of Viscoflex® foam with a density of 50 kg/m³, which helps reduce pressure points, with a base of HR Plumex® foam with a density of 35 kg/m³, providing firm support, durability and compatibility with articulated beds.

To ensure a safe and functional fit with clinical equipment, this mattress can be supplied with cut-out corners. This Mediflex mattress includes an inner tricot knit liner, which minimises internal friction, preserves the integrity of the foam and contributes to a longer mattress life. For greater logistical convenience, the mattresses are supplied boxed, making transport, handling and storage easier.

3-year warranty.

Effective prevention of pressure ulcers.

The top layer consists of 6 cm of Viscoflex® viscoelastic foam, with a density of 50 kg/m³, which adapts to the user's body shape and contributes to an efficient redistribution of body pressure.

The anatomical surface with 3 comfort zones improves adaptation to the body and helps relieve pressure points, providing greater comfort during prolonged periods.



The base consists of 9 cm of HR Plumex® D35 foam, providing firm support, stability and high durability, even with frequent hospital use and on articulated beds.



PERFORMANCE Estimated pressure reduction: 15% to 30% (compared with a conventional mattress)
Indicated for users at moderate to high risk of pressure ulcers
Hospitals and general care

ADVANTAGES HR Plumex® D35 base: firm and long-lasting support
Compatible with articulated beds
Waterproof, breathable and washable cover, suited to hospital environments
Inner tricot knit liner. Makes fitting and removing the Flexsilk cover easier, minimises internal friction, preserves the integrity of the foam and contributes to a longer mattress life

MATTRESSES

HOSPITAL I

TECHNICAL SPECIFICATIONS

DIMENSIONS [MM]



LENGTH

1950/1900/1850

WIDTH

900/850/800

HEIGHT

150

Other sizes available on request.

CORE COMPOSITION



BASE

Polyurethane foam of Plumex® (HR), 9 cm thick.

CHARACTERISTICS

VALUE

UNIT

STANDARD

Density:

35

[kg/m3]

ISO 845

Compression hardness (CV40%):

3.9

[kPa]

ISO 3386/I

SAG factor:

>2.6

SURFACE

Viscoflex® foam, 6 cm thick.

CHARACTERISTICS

VALUE

UNIT

STANDARD

Density:

50

[kg/m3]

ISO 845

Compression hardness (CV40%):

1.6

[kPa]

ISO 3386/I

COVER CHARACTERISTICS



COMPOSITION

Base: Polyamide

Finish: Polyurethane

CHARACTERISTICS

VALUE

UNIT

STANDARD

Weight:

280

[g/m2]

Water penetration resistance:

>200

[cm]

ISO 1420

Water vapour permeability:

>700

[g/m2/24h]

ADTM 96-66: 1972

Flexibility:

200,000

(no loss)

ISO 5401-1:2011

Reaction to fire:

Fire retardant - BS 7175: 1989 Crib 5

BS 7175:1989

Antibacterial:

Ultra-Fresh Thomson Research

Other characteristics

Ultrasonically welded seams and zip protected by a flap.

CERTIFICATIONS



CHARACTERISTICS

VALUE

STANDARD

Core:

OEKO-TEX® Standard 100

Cover:

Class 1

OEKO-TEX® Standard 100

CE marking:

MD Class I

EU 745/2017



CLEANING INSTRUCTIONS

(ISO/FDIS 3758:2005)



We recommend cleaning the mattress cover with water and neutral soap. In the cleaning and disinfection process, only the products on the list provided by our technical services should be used, always respecting the prescribed concentration. Always rinse with water after cleaning, otherwise discolouration, wrinkling and loss of strength of the PU (top layer of the fabric) may occur. The cover may shrink after washing. Washing may reduce the effectiveness of the antibacterial treatment.



The respective tolerances apply to the values shown above (see the technical data sheet of each product)

MATTRESSES

Mattress with a similar application to the Hospital I, with improved comfort and greater pressure dissipation

MATTRESSES

HOSPITAL II

The Hospital II Mattress helps prevent pressure ulcers in bedridden users at high to very high risk, and is indicated for intensive care or prolonged situations.

Its anatomical viscoelastic surface, with 3 comfort zones, promotes balanced adaptation to the body and effective pressure distribution.



Option: Cut-Out Corners

Its structure combines a top layer of Viscoflex® viscoelastic foam with a density of 85 kg/m³, which helps reduce pressure points, with a base of HR Plumex® foam with a density of 35 kg/m³, providing structural stability, durability and compatibility with articulated beds.

To ensure a safe and functional fit with clinical equipment, this mattress can be supplied with cut-out corners. This Mediflex mattress includes an inner tricot knit liner, which minimises internal friction, preserves the integrity of the foam and contributes to a longer mattress life. For greater logistical convenience, the mattresses are supplied boxed, making transport, handling and storage easier.

3-year warranty.

Maximum redistribution of body pressure.

The top layer consists of 6 cm of Viscoflex® viscoelastic foam, with a density of 85 kg/m³, which adapts to the body's contours and contributes to an efficient redistribution of pressure.

The anatomical surface with 3 comfort zones improves adaptation to the user's body shape and helps relieve pressure points during prolonged periods.



The base consists of 9 cm of HR Plumex® foam with a density of 35 kg/m³, providing firm support, stability and high durability, even in demanding settings.



PERFORMANCE Estimated pressure reduction: 30% to 45% (compared with a conventional mattress)
Indicated for users at high to very high risk of pressure ulcers

Intensive and prolonged care

ADVANTAGES HR Plumex® D35 base: firm and long-lasting support
Compatible with articulated beds
Waterproof, breathable and washable cover, suited to hospital environments
Inner tricot knit liner. Makes fitting and removing the Flexsilk cover easier, minimises internal friction, preserves the integrity of the foam and contributes to a longer mattress life

HOSPITAL II

TECHNICAL SPECIFICATIONS

DIMENSIONS [MM]



LENGTH	WIDTH	HEIGHT	Other sizes available on request.
1950/1900/1850	900/850/800	150	

CORE COMPOSITION



BASE <i>Polyurethane foam of Plumex® (HR), 9 cm thick.</i>			
CHARACTERISTICS	VALUE	UNIT	STANDARD
Density:	35	[kg/m3]	ISO 845
Compression hardness (CV40%):	3.9	[kPa]	ISO 3386/I
SAG factor:	>2.6		
SURFACE <i>Viscoflex® foam, 6 cm thick.</i>			
CHARACTERISTICS	VALUE	UNIT	STANDARD
Density:	85	[kg/m3]	ISO 845
Compression hardness (CV40%):	1.7	[kPa]	ISO 3386/I

COVER CHARACTERISTICS



COMPOSITION <i>Base: Polyamide Finish: Polyurethane</i>			
CHARACTERISTICS	VALUE	UNIT	STANDARD
Weight:	280	[g/m2]	
Water penetration resistance:	>200	[cm]	ISO 1420
Water vapour permeability:	>700	[g/m2/24h]	ADTM 96-66: 1972
Flexibility:	200,000	(no loss)	ISO 5401-1:2011
Reaction to fire:	Fire retardant - BS 7175: 1989 Crib 5		BS 7175:1989
Antibacterial:	Ultra-Fresh Thomson Research		
Other characteristics	Ultrasonically welded seams and zip protected by a flap.		

CERTIFICATIONS



CHARACTERISTICS	VALUE	STANDARD
Core:		OEKO-TEX® Standard 100
Cover:	Class 1	OEKO-TEX® Standard 100
CE marking:	MD Class I	EU 745/2017



CLEANING INSTRUCTIONS

(ISO/FDIS 3758:2005)



We recommend cleaning the mattress cover with water and neutral soap. In the cleaning and disinfection process, only the products on the list provided by our technical services should be used, always respecting the prescribed concentration. Always rinse with water after cleaning, otherwise discolouration, wrinkling and loss of strength of the PU (top layer of the fabric) may occur. The cover may shrink after washing. Washing may reduce the effectiveness of the antibacterial treatment.



MATTRESSES

Mattress complementing a conventional mattress, mitigating the onset of pressure ulcers

MATTRESSES

OVERLAY

The Viscoflex® D50 or D85 Overlay Mattress was developed to provide additional comfort and effective pressure relief, and is indicated for users who are bedridden for medium to long periods and require pressure ulcer prevention in addition to their existing mattress.



The Viscoflex® viscoelastic foam core adapts to the body's shape, reducing compression points and increasing comfort during prolonged periods in bed.

Light, easy to handle and clean, the overlay is a practical solution for better performance of existing mattresses.

Its Flexsilk US cover, ultrasonically heat-sealed with no visible seams, helps reduce friction, improve hygiene and facilitate infection control in a clinical environment.

3-year warranty.

Additional relief of body pressure.

The Viscoflex® foam core progressively adapts to the body's contours, helping to reduce pressure points and improve user comfort, and is available in Viscoflex® density 50 kg/m³ and Viscoflex® density 85 kg/m³ versions.

Developed for use on top of base mattresses, the overlay improves pressure redistribution and increases comfort during prolonged periods in bed.



PERFORMANCE	Viscoflex® D50 Comfort: Standard, with effective pressure relief
	Viscoflex® D85 Comfort: Superior, with greater pressure dissipation

ADVANTAGES	Immediate pressure relief
	Ergonomic adaptation to the body
	Ideal for complementing existing mattresses
	Compatible with different support surfaces
	Inner tricot knit liner. Makes fitting and removing the Flexsilk cover easier, minimises internal friction, preserves the integrity of the foam and contributes to a longer mattress life

MATTRESSES

OVERLAY
TECHNICAL SPECIFICATIONS

DIMENSIONS [MM]



LENGTH	WIDTH	HEIGHT	Other sizes available on request.
1950/1900/1850	900/850/800	50/60/70	

CORE COMPOSITION



BASE D50 <i>Viscoflex® foam, 5 cm to 7 cm thick.</i>			
CHARACTERISTICS	VALUE	UNIT	STANDARD
Density:	50	[kg/m3]	ISO 845
Compression hardness (CV40%):	1.6	[kPa]	ISO 3386/I
BASE D85 <i>Viscoflex® foam, 5.0 cm to 7.0 cm thick.</i>			
CHARACTERISTICS	VALUE	UNIT	STANDARD
Density:	85	[kg/m3]	ISO 845
Compression hardness (CV40%):	1.7	[kPa]	ISO 3386/I

COVER CHARACTERISTICS



COMPOSITION <i>Base: Polyamide Finish: Polyurethane</i>			
CHARACTERISTICS	VALUE	UNIT	STANDARD
Weight:	280	[g/m2]	
Water penetration resistance:	>200	[cm]	ISO 1420
Water vapour permeability:	>700	[g/m2/24h]	ADTM 96-66: 1972
Flexibility:	200,000	(no loss)	ISO 5401-1:2011
Reaction to fire:	Fire retardant - BS 7175: 1989 Crib 5		BS 7175:1989
Antibacterial:	Ultra-Fresh Thomson Research		
Other characteristics	Ultrasonically welded seams and zip protected by a flap.		

CERTIFICATIONS



CHARACTERISTICS	VALUE	STANDARD
Core:		OEKO-TEX® Standard 100
Cover:	Class 1	OEKO-TEX® Standard 100
CE marking:	MD Class I	EU 745/2017



CLEANING INSTRUCTIONS

(ISO/FDIS 3758:2005)



We recommend cleaning the mattress cover with water and neutral soap. In the cleaning and disinfection process, only the products on the list provided by our technical services should be used, always respecting the prescribed concentration. Always rinse with water after cleaning, otherwise discolouration, wrinkling and loss of strength of the PU (top layer of the fabric) may occur. The cover may shrink after washing. Washing may reduce the effectiveness of the antibacterial treatment.



MATTRESSES

Mattress designed to provide
comfort and adaptation to
articulated beds

MATTRESSES

ARTICULATED I

The Articulated I Mattress was developed to provide functional comfort on articulated beds, and is indicated for users at low risk of developing pressure ulcers in hospital or home care settings.

Its structure adapts to the movements of the articulated bed, ensuring stability, support and comfort during use.



The HR Plumex® foam core with a density of 35 kg/m³ ensures firm and long-lasting support, compatible with articulated beds. The surface with defined shapes promotes air circulation and improves comfort.

The Flexsilk cover, waterproof and breathable, is easy to clean and resistant to wear, ideal for environments with high hygiene requirements.

For greater logistical convenience, the mattresses are supplied boxed, making transport, handling and storage easier.

3-year warranty.

Functional comfort for articulated beds.

The HR Plumex® foam core with a density of 35 kg/m3 provides firm and long-lasting support, ensuring stability during use on articulated beds.

The mattress structure follows the movements of the articulated bed, maintaining comfort and support across the different positions.



The surface with defined shapes promotes air circulation and helps improve comfort during prolonged periods of use.



PERFORMANCE Stable support for articulated beds

Adapts to the movements of the bed

Comfort suited to frequent use

ADVANTAGES Compatible with electric or manual articulated beds

High wear resistance in hospital environments

MATTRESSES

ARTICULATED I

TECHNICAL SPECIFICATIONS

DIMENSIONS [MM]



LENGTH

1950/1900/1850

WIDTH

900/850/800

HEIGHT

120/150

Other sizes available on request.

CORE COMPOSITION



BASE D35

Polyurethane foam of Plumex® (CMHR), 12 cm to 15 cm thick.

CHARACTERISTICS

Density:
Compression hardness (CV40%):

VALUE

35
3.4

UNIT

[kg/m3]
[kPa]

STANDARD

ISO 845
ISO 3386/I

COVER CHARACTERISTICS



COMPOSITION

Base: Polyamide

Finish: Polyurethane

CHARACTERISTICS

Weight:
Water penetration resistance:
Water vapour permeability:
Flexibility:
Reaction to fire:

VALUE

230
>200
>600
200,000
Fire retardant - BS 7175:
1989 Crib 5

UNIT

[g/m2]
[cm]
[g/m2/24h]
(no loss)

STANDARD

ISO 1420
ADTM 96-66: 1972
ISO 5401-1:2011
BS 7175:1989

Antibacterial:

Ultra-Fresh Thomson Research

Other characteristics

Stitched seams and zip protected by a flap.

CERTIFICATIONS



CHARACTERISTICS

Core:
Cover:

VALUE

Class 1

STANDARD

OEKO-TEX® Standard 100
OEKO-TEX® Standard 100



CLEANING INSTRUCTIONS

(ISO/FDIS 3758:2005)



We recommend cleaning the mattress cover with water and neutral soap. In the cleaning and disinfection process, only the products on the list provided by our technical services should be used, always respecting the prescribed concentration. Always rinse with water after cleaning, otherwise discolouration, wrinkling and loss of strength of the PU (top layer of the fabric) may occur. The cover may shrink after washing. Washing may reduce the effectiveness of the antibacterial treatment.



The respective tolerances apply to the values shown above (see the technical data sheet of each product)

MATTRESSES

Economical mattress for
general use

MATTRESSES

STANDARD

The Standard Mattress is a practical solution for lower clinical demand care, indicated for users with reduced mobility or on temporary bed rest, in settings with lower clinical risk



The conventional foam core of 26 kg/m³ or 30 kg/m³ provides basic comfort and stable support, and is suitable for short to medium-term use.

Compatible with articulated beds, it adapts to the movements of the bed and maintains user comfort.

The Flexsilk cover, waterproof and breathable, is easy to clean and resistant to wear, ideal for environments with high hygiene requirements. Its light and functional structure ensures good durability in settings of moderate use, making it an affordable and practical solution for home or institutional care.

Essential comfort for basic care.

Conventional foam core with a density of 26 kg/m³ or 30 kg/m³, providing stable support and basic comfort.

Compatible with articulated beds, adapting to the movements of the bed and maintaining user comfort.



Light and functional structure, suitable for short to medium-term use.



PERFORMANCE Stable support
Good durability with moderate use

ADVANTAGES Affordable option in the Mediflex range
Essential comfort for home or institutional care
Easy to handle, install and clean
Ideal for environments with lower technical demands

MATTRESSES

STANDARD TECHNICAL SPECIFICATIONS

DIMENSIONS [MM]



LENGTH
1950/1900/1850

WIDTH
900/850/800

HEIGHT
100 to 150

Other sizes available
on request.

CORE
COMPOSITION



BASE D26 *Polyurethane foam, 10 to 15 cm thick.*

CHARACTERISTICS	VALUE	UNIT	STANDARD
Density:	26	[kg/m3]	ISO 845
Compression hardness (CV40%):	4.7	[kPa]	ISO 3386/I

BASE D30 *Polyurethane foam, 10 to 15 cm thick.*

CHARACTERISTICS	VALUE	UNIT	STANDARD
Density:	30	[kg/m3]	ISO 845
Compression hardness (CV40%):	3.7	[kPa]	ISO 3386/I

COVER
CHARACTERISTICS



COMPOSITION *Base: Polyamide Finish: Polyurethane*

CHARACTERISTICS	VALUE	UNIT	STANDARD
Weight:	230	[g/m2]	
Water penetration resistance:	>200	[cm]	ISO 1420
Water vapour permeability:	>600	[g/m2/24h]	ADTM 96-66: 1972
Flexibility:	200,000	(no loss)	ISO 5401-1:2011
Reaction to fire:	Fire retardant - BS 7175: 1989 Crib 5		BS 7175:1989
Antibacterial:	Ultra-Fresh Thomson Research		
Other characteristics	Stitched seams and zip protected by a flap.		

CERTIFICATIONS



CHARACTERISTICS	VALUE	STANDARD
Core:		OEKO-TEX® Standard 100
Cover:	Class I	OEKO-TEX® Standard 100



CLEANING
INSTRUCTIONS

(ISO/FDIS 3758:2005)



We recommend cleaning the mattress cover with water and neutral soap. In the cleaning and disinfection process, only the products on the list provided by our technical services should be used, always respecting the prescribed concentration. Always rinse with water after cleaning, otherwise discolouration, wrinkling and loss of strength of the PU (top layer of the fabric) may occur. The cover may shrink after washing. Washing may reduce the effectiveness of the antibacterial treatment.



MATTRESSES

Standard mattress with a
flame-retardant foam core
compliant with the demanding
British standard BS 5852

MATTRESSES

STANDARD FIRE RETARDANT

The Standard Fire Retardant Mattress was developed for environments with high fire safety requirements, and is indicated for institutions, hospital units, rehabilitation centres and psychiatric services.



The CMHR Plumex® foam core with a density of 35 kg/m³, with flame-retardant treatment, offers reliable support and consistent comfort even in demanding settings.

The mattress has tested fire-retardant performance, complying with the British combustibility standard (Crib 5 / BS 5852), making it suitable for environments with strict safety regulations.

Its robust structure ensures long-lasting comfort and reliable performance in settings where protection and compliance with international standards are essential.

Extra protection
for demanding
environments.

CMHR Plumex® foam core with a density of 35 kg/m3, high-resilience foam with flame-retardant treatment.

Tested fire-retardant performance, complying with the British combustibility standard (Crib 5 / BS 5852).



Light and functional structure, suitable for short to medium-term use.



- PERFORMANCE
- Fire safety
 - Reliable support
 - Long-lasting comfort

- ADVANTAGES
- High performance in fire safety
 - Robust structure for intensive use
 - Reliable solution for higher-risk environments
 - Compliance with international passive protection standards

MATTRESSES

STANDARD FIRE RETARDANT TECHNICAL SPECIFICATIONS

DIMENSIONS [MM]



LENGTH

1950/1900/1850

WIDTH

900/850/800

HEIGHT

100/120

Other sizes available
on request.

CORE COMPOSITION



BASE

Polyurethane foam of Plumex® (CMHR), 10 cm to 12 cm thick.

CHARACTERISTICS

Density:
Compression hardness
(CV40%):

VALUE

35
3.9

UNIT

[kg/m3]
[kPa]

STANDARD

ISO 845
ISO 3386/I

COVER CHARACTERISTICS



COMPOSITION

Base: Polyamide

Finish: Polyurethane

CHARACTERISTICS

Weight:
Water penetration
resistance:
Water vapour
permeability:
Flexibility:
Reaction to fire:

VALUE

230
>200
>600
200,000
Fire retardant - BS 7175:
1989 Crib 5

UNIT

[g/m2]
[cm]
[g/m2/24h]
(no loss)

STANDARD

ISO 1420
ADTM 96-66: 1972
ISO 5401-1:2011
BS 7175:1989

Antibacterial:

Ultra-Fresh Thomson Research

Other characteristics

Stitched seams and zip protected by a flap.

CERTIFICATIONS



CHARACTERISTICS

Core:
Toxicity (cover):

VALUE

Class 1

STANDARD

OEKO-TEX® Standard 100
OEKO-TEX® Standard 100



CLEANING INSTRUCTIONS

(ISO/FDIS 3758:2005)



We recommend cleaning the mattress cover with water and neutral soap. In the cleaning and disinfection process, only the products on the list provided by our technical services should be used, always respecting the prescribed concentration. Always rinse with water after cleaning, otherwise discolouration, wrinkling and loss of strength of the PU (top layer of the fabric) may occur. The cover may shrink after washing. Washing may reduce the effectiveness of the antibacterial treatment.



The respective tolerances apply to the values shown above (see the technical data sheet of each product)

MEDIFLEX® BOXES

MEDIFLEX® mattresses are carefully compressed and packed in boxes, making transport, handling and storage easier, without compromising their performance or quality.

Each box includes a QR Code with a good practice guide and all the instructions needed to open and recover the product correctly. The mattress can be used immediately, but we recommend a period of up to 48 hours to ensure full recovery of its shape and properties.



UNBOX



UNROLL



UNWIND



UNWRAP

MEDIFLEX®

PILLOWS

Therapeutic comfort. Indicated for users who remain in bed for long periods, in both hospital and home care settings, who need comfort.

Developed with specialised technicians to promote comfort and support.



Two core types available:

VISCOFLEX® Advanced pressure relief, ideal for situations of greater clinical demand, typically used for the prevention of pressure ulcers

SUPER SOFT FOAM More economical option, with a good level of comfort for less demanding uses

The covering uses fire-retardant covers compliant with fire safety standards, offering a robust and long-lasting solution. It is also hygienic and easy to maintain.

ADVANTAGES | Ergonomic solution adaptable to different settings.

Materials selected according to hygiene, durability and cost-efficiency criteria.

Available in various configurations and sizes.



PILLOWS



CONFORMIX CONVENTIONAL PILLOW

DIMENSIONS [MM]

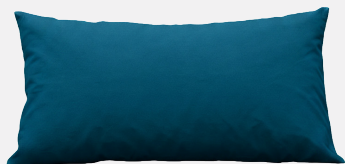
Length: 500/600 | Width: 400/450 | Thickness: 120

CORE COMPOSITION

Conformix Conventional.

COVER

White or Blue Flexsilk cover, available closed or with a zip (removable for washing).



CONFORMIX VISCOELASTIC PILLOW

DIMENSIONS [MM]

Length: 500/600 | Width: 400/450 | Thickness: 120

CORE COMPOSITION

Conformix Viscoelastic.

Option: Conformix Plus (Visco + fibre)

COVER

White or Blue Flexsilk cover, available closed or with a zip (removable for washing).



CONVENTIONAL PILLOW

DIMENSIONS [MM]

Length: 500/600 | Width: 400/450 | Thickness: 120

CORE COMPOSITION

Viscoflex D50 or SuperSoft 23RSS foam.

COVER

White or Blue Flexsilk cover with zip (removable for washing)



CERVICAL PILLOW

DIMENSIONS [MM]

Length: 500/600 | Width: 400/450 | Thickness: 120

CORE COMPOSITION

Viscoflex D50 or SuperSoft 23RSS foam.

COVER

White or Blue Flexsilk cover with zip (removable for washing)

MEDIFLEX®

POSITIONERS

Therapeutic comfort. Indicated for users who remain in bed for long periods, in both hospital and home care settings, who need comfort.

Developed by specialised technicians, the positioners provide comfort and support, improving the user's position and preventing discomfort caused by immobility.



POSITIONERS

LEG SUPPORTS

Surgery, post-operative care or other conditions in which body position directly influences recovery.



High leg support - Ref. 007



Special leg support - Ref. 008

KEY FEATURES

- Keeps the legs in a raised and stable position
- Promotes a slight elevation of the hips, supporting postural alignment
- Redistributes part of the body weight to the legs, reducing pressure on the abdominal and lumbar area
- Suitable for prolonged use in bed or armchair
- White or Blue Flexsilk cover with zip (removable for washing)

ADVANTAGES

- Improved overall comfort in specific clinical situations
- Reduced abdominal tension in cases of hernia
- Ergonomic support, light and easy to position
- Technical covering, easy to clean and maintain

POSITIONERS

LUMBAR AND NECK SUPPORTS

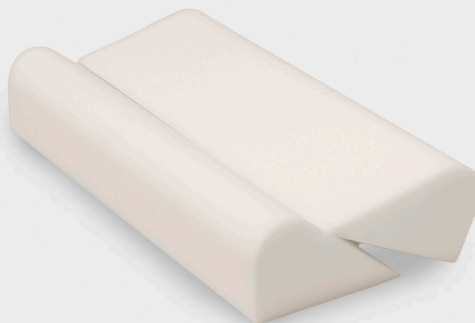
Surgery, post-operative care or other conditions in which body position directly influences recovery.



Left or Right Lumbar Support I - Ref. 009 | Dimensions: 60x30/12x12cm



Neck support I - Ref. 011 | Dimensions: 50x32x18cm



Neck support II - Ref. 012 | Dimensions: 50x16x9cm

KEY FEATURES

- Developed to minimise pressure on sensitive or operated areas
- Contribute to an appropriate body position, improving the effectiveness of rest
- Models with good durability and resistance to continuous use
- Most supports are light and easy to carry, allowing use in different settings (hospital, home, institutional)
- White or Blue Flexsilk cover with zip (removable for washing)

ADVANTAGES

- Prevention of discomfort and complications associated with poor posture in bed
- Adaptable to different areas of the body: head, legs, heels, lumbar region, etc.
- Technical coverings, washable and resistant
- Essential support for prolonged or intensive care

POSITIONERS

POSITIONING CYLINDERS

Physiotherapy, prolonged care and therapeutic positioning in various areas of the body, such as the head, neck, legs or lumbar region.



3/4 Cylinder - Ref. 014 | Dimensions: 60x15x11cm
(other sizes available on request)



Positioning cylinder - Ref. 013 | Dimensions: 60x15x15cm
(other sizes available on request)

KEY FEATURES

- Cylindrical shape, adaptable to different anatomical areas
- Used to promote postural alignment and comfort
- Frequently used in physiotherapy and rehabilitation sessions
- Light, easy to carry and position
- White or Blue Flexsilk cover with zip (removable for washing)

ADVANTAGES

- Effective support in clinical and therapeutic treatments
- Contribute to reducing muscle and joint tension
- Technical covering, washable and resistant
- Available in various diameters and lengths

POSITIONERS

CUSHIONS

Indicated for users with intervertebral disc injuries, dorsal spine conditions or a need for additional trunk support, especially in wheelchairs or prolonged sitting positions.



Ref: 018 | Dimensions: 42x42x8cm | Core made of viscoelastic + Plumex HR D35

KEY FEATURES

- Provide anatomical support to the trunk, even in painful situations
- Correct the lack of lumbar support in chairs and armchairs
- Developed to relieve pressure on the coccyx and lumbar region
- Stimulate blood circulation and reduce the risk of pressure ulcers
- White or Blue Flexsilk cover with zip (removable for washing)

ADVANTAGES

- Therapeutic comfort during long periods of sitting
- Prevention of lower back pain and postural discomfort
- Light, portable and easy to fit
- Technical coverings, easy to clean and highly durable

POSITIONERS

POSITIONING DEVICES

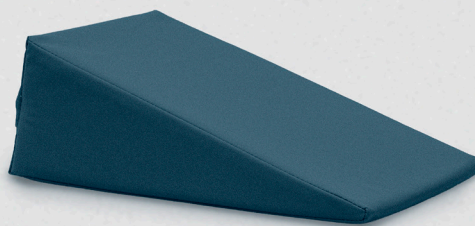
Indicated for use in clinical environments such as X-ray rooms, operating theatres and diagnostic units, where stable and comfortable patient positioning is essential for the accuracy of procedures.



Protection ring - Ref.021 | Dimensions: 20/8x4cm
(other sizes available on request)



Protection disc - Ref. 022 | Dimensions: 22x22x5cm
(other sizes available on request)



Wedge - Ref. 020 | Dimensions: 36x24x7/1cm
(other sizes available on request)

KEY FEATURES

- Ensure safe and comfortable immobilisation
- Minimise involuntary movements that affect results
- Adapt to different anatomical regions and positions
- Resistant, washable surfaces compatible with hospital protocols
- White or Blue Flexsilk cover with zip (removable for washing)

ADVANTAGES

- Improved image quality and surgical precision
- Prolonged comfort for the patient, even during lengthy procedures
- Light, portable and easy-to-use devices
- High durability, with high-performance technical materials

POSITIONERS

POSITIONING PILLOWS

Indicated for users in clinical or home settings who need prolonged comfort and pressure relief, especially when immobilised for long periods.



Ref. 023 | Dimensions: 160x30cm



Ref. 024 | Dimensions: 16x26cm



Ref. 025 | Dimensions: 90x30cm



Ref. 026 | Dimensions: 60x15cm



Ref. 027 | Dimensions: 60x50cm

KEY FEATURES

- Conformix® viscoelastic foam that moulds to the body
- Effective pressure relief in critical areas such as shoulders, back, hips and lower limbs
- Technical covering in hospital-grade fabric, resistant and easy to clean
- Prevents pressure ulcers and reduces the discomfort of immobility
- Closed White or Blue Flexsilk cover

ADVANTAGES

- Therapeutic comfort in situations of prolonged bed rest
- Prevention of pressure sores and pain points
- Highly durable materials compliant with hospital requirements
- Ideal for hospitals, continuing care units, care homes and home use

WIPES

DISPOSABLE FOAM WIPE

Indicated for the daily hygiene of bedridden patients or patients with reduced mobility, making skin cleansing practical, comfortable and safe. Standard size: 250x170x4mm | 250x170x5mm



KEY FEATURES

- Disposable wipes in soft, absorbent foam
- OEKO-TEX® Class I certification – safe for sensitive skin
- Can be used wet or dry, as required
- High absorption capacity and soft touch

ADVANTAGES

- Efficient and comfortable hygiene, even in demanding settings
- Dermatologically safe, ideal for frequent use
- Practical and economical alternative to conventional methods
- Disposable, reducing the risk of cross-contamination

Manufactured by:
 Flex2000 - Produtos Flexíveis, SA
 Address (head office / Administrative Services and
 Industrial Facilities):
 Rua Eng. Ferreira Dias, 389
 Zona Industrial de Ovar - Fase III
 3880-327 Ovar – Portugal

Tel.: +351 256 581 940
 Fax: +351 256 581 960
 E-mail: comercial_flex2000@flex2000.pt
 GPS: 40°52'53.95" N; 8°37'59.37" W
www.mediflex.pt



