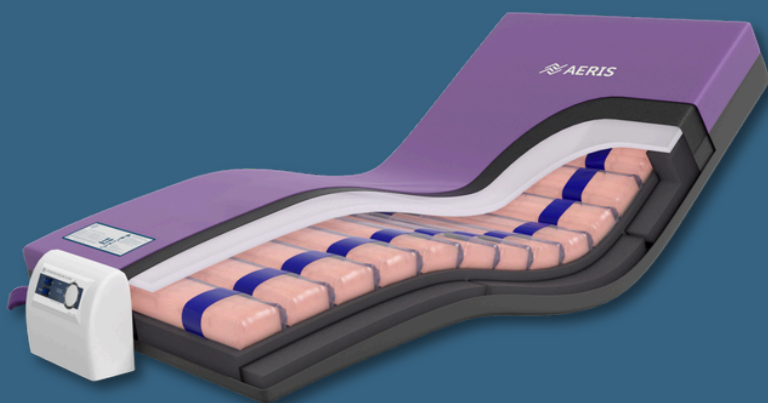




AERIS **Plus**

Two in one, Complete Care

MAINTENANCE & CARE

INSTRUCTIONS FOR CORRECT PRODUCT CARE
For Infection Control, Safety & Product longevity

THANK YOU for choosing Forté Healthcare

Thank you for the opportunity to serve you and provide a product that has been custom made by skilled production staff in our Armidale, New England factory.

By purchasing a Forté Healthcare product, you can be assured that you have a solution that sets the benchmark for comfort, performance and quality.

We succeed in a global market space dominated by large corporate companies through our long-standing client relationships and our willingness to go the extra mile to ensure our clients receive exactly what is required.

Our transparent manufacturing process gives clients confidence that the products they receive are made to the highest possible standards of quality, care and hygiene.

At Forté Healthcare, we stand behind the performance of our products with confidence. We are committed to delivering a high level of client satisfaction and personal service.



Disclaimer

This product user manual is provided as a guide for the safe operation of the Forté Aeris Mattress.

Whilst all care has been taken to comprehensively identify any risks associated with the operation of the Aeris Mattress, Forté Healthcare Solutions cannot be held liable for circumstances outside of its control, including inappropriate device usage.

We strongly recommend that, for any clarification required by care staff or indeed anyone using the Aeris Mattress, appropriate consultation is sought before use.

Forté Healthcare cannot be held liable for client outcomes due to clinical, circumstantial or care factors outside of its control.

OPERATION

1. The Aeris Mattress is designed to be used with or without the pump, depending on the selected care mode.
2. Position the Aeris Mattress on the bed in a manner that prevents trapping and/or damage. Pay careful attention to bed rails (if fitted) and ensure they do not rub excessively against the Aeris Mattress. Damage resulting from incorrect fitment is not covered under warranty.
3. When using the pump, it is preferable to mount it at the foot end of the bed. The pump may be placed on the floor if required, however it must be adequately protected from damage.
4. Connect the pump to a power outlet. The power lead may be located within the cord loops on the side of the Aeris Mattress. Do not use the Aeris System if the power cord is in any way damaged.
5. Visually inspect the pump prior to operation. If there is any evidence of damage or defect, contact an authorised representative before use.
6. To activate, turn the pump on using the top switch.
7. Use the lower switch to select either Alternating or Static Therapy. Alternating Therapy provides the highest level of pressure redistribution.
8. Use the comfort setting on the right-hand side of the control panel to adjust pressure and ensure the user is sufficiently supported and comfortable on the Aeris System.
9. Ensure the mattress zipper remains closed at all times. Only open for inspection or maintenance. Do not expose the foam core for extended periods to UV light.
10. Do not operate the pump in wet environments or where there is risk of contact with water or other liquids.
11. Ensure the outer cover is protected from sharp objects. Damage caused by punctures will not be covered under warranty.
12. Regular observations must be made of the Aeris System whilst in operation to ensure there is no malfunction or damage that may negatively impact the user.
13. Do not use the Aeris System near fire sources or excessive heat. Damage caused by heat (e.g. cigarette burns) will not be covered under warranty.

PATIENT SAFETY & CARE

MAXIMUM USER WEIGHT CAPACITY

30–250 kg

THERAPEUTIC FEATURES

- 14 foam-filled air cells with a 1:2 alternating cycle for effective pressure redistribution
- Narrow cell design to minimise user disturbance
- Quiet pump operation to reduce discomfort
- Single layer Airoform™ Memory Foam interface provides comfort, reduces alternating sensation/motion discomfort, stabilises temperature and supports envelopment
- Sloped heel region for increased pressure relief in vulnerable areas
- Firm strengthened sides for lateral stability and support during repositioning and transfers
- Adjustable comfort setting to support appropriate pressure levels and user comfort

SAFETY & USAGE

1. The Premiflex Ultra outer cover is waterproof yet vapour permeable. It allows airflow within the air and foam system. The cover alone is not designed to function as a continence barrier and should be used in conjunction with appropriate continence products where required.
2. Users must be positioned correctly to reduce the risk of suffocation.
3. Avoid using excessive layers of bedding and/or covers, as this may negatively impact vapour permeability and pressure redistribution performance of the Aeris System.
4. Continual routine monitoring is required whilst the Aeris System is in use. Clinical judgement must be applied to determine appropriate monitoring intervals.
5. The Aeris System is not intended to replace necessary client care practices such as adequate nutrition, repositioning, continence management, nursing care and wound or skin care.
6. Ensure the mattress is cleaned regularly to maintain hygiene and infection control. Refer to cleaning guidelines for recommended procedures and approved cleaning agents.

TROUBLE-SHOOTING

1. Low Pressure Alarm / Indicator

If the Low Pressure Alarm sounds and/or the Low Pressure Indicator is illuminated on the pump control panel, perform the following checks:

- Check air supply leads from the mattress are connected correctly to the pump
- Check CPR port is correctly fastened and closed
- Check air supply leads for any damage

If the issue persists, unzip the outer cover and lower compartment of the inner cover and perform the following:

- Check air cells for punctures caused by sharp objects. A quick check can be made by inspecting the underside of the top cover, as fluid penetration through the cover may indicate a puncture
- Check air cell connections are secure and not leaking
- If the issue persists, contact your distributor or Forté Healthcare for further assistance

2. Cells Not Inflating

- Unzip the outer cover and base compartment of the inner cover
- Identify the affected cell/s
- Inspect the system for any air tube connections that may have become loose or are leaking
- Reconnect any air cells or connectors as required
- Replacement connectors and parts are available as spare parts if required

3. Bunching Foam Immersion Layer

The Aeris Immersion Layer is contained within a pocket of the anti-shear inner cover. This layer is designed to move independently of the air cells, reducing shear and friction forces.

Occasionally, the immersion layer on the Aeris Mattress may 'bunch' or appear uneven. This can occur as the layer shifts during use and may require smoothing out, similar to adjusting a blanket. This is normal and quick to resolve.

In some cases, this may occur when the backrest is raised at certain stages of the alternating cycle. This is expected behaviour and not a fault.

To correct this, unzip the outer cover and upper compartment of the inner cover, smooth out the immersion layer, and reclose both zips.

MATTRESS CARE

MAINTENANCE

- Regularly assess for soiling. Refer to the following pages for cleaning instructions
- If the product is used directly upon or in contact with a bed surface, periodically and ongoing assess the bed surface for any sharp objects that may cause damage to the mattress cover
- Support surfaces should not be lifted by the cover only. Support the foam core as well as the cover
- Ensure zipper remains closed at all times whilst mattress is in usage
- Ensure foam core is not exposed for extended periods to UV light
- Always disconnect the pump from electrical power before beginning maintenance or repair work. Never attempt to work on a pump that has been in contact with water or liquid without consulting an approved technician
- Use of unauthorised spare parts and/or accessories may void warranty

FOAM CORE CLEANING

- The outer covering protects the foam core, which means cleaning of the core is seldom necessary. Should the foam core need to be cleaned, clean affected area with a mild cleaning chemical and water (e.g. spray on)
- Gently press out excess water
- Allow the foam core to dry completely in a ventilated area, avoiding direct exposure to sunlight as UV light can affect foam performance
- Ensure the foam core is completely dried before using mattress

COVER CLEANING

- Wipe off cover with an approved cleaning chemical (refer to approved chemical listing). Excrement, blood spots, spills of any kind must be removed immediately with an approved cleaning agent or soapy warm/cold water
- Cleaning chemical usage instructions must be followed
- Usage of high concentrations of phenol-based and chlorine chemicals and abrasive cleaning agents can have a negative impact on the integrity of the mattress fabric coatings. Forté Healthcare stipulates a maximum chlorine concentration of 1000ppm for all standard fabrics. If higher concentrations must be used for cleaning/disinfection
- All residue of cleaning agents should be completely dried from fabrics shortly after cleaning
- Sterilisation may have a negative effect on polyurethane coatings and is therefore not recommended. If one does decide to do so, a reduced lifetime of the product should be taken into account. This is inevitable for all thermoplastic polyurethanes, due to their chemical nature

PVC-COATED FABRICS

CLEANING & CARE – PREMIFLEX CLASSIC COVERS

WASHING

- Washing (40°C or 95°C) must be done with neutral detergents. Softening agents are not allowed
- Un-dyed fabrics may be washed following ISO 6330 norm, part 9A and dyed fabrics following ISO 6330 norm, part 3A

DISINFECTION

- In general, PVC-coated products resist well to most commonly used surface disinfectants
- We recommend testing the specific disinfectant prior to use or contacting us if unsure
- It is not recommended to autoclave or sterilise PVC-coated products

DRYING

- Adequate drying is a crucial factor in the care and maintenance of coated fabrics
- Drying may be carried out by hanging, spinning or tumbling at temperatures up to 60°C – DO NOT press or mangle

STORAGE

- Store in a dry area at room temperature
- Avoid excessive pressure and contact with non-colourfast materials
- Avoid prolonged exposure to sunlight (UV radiation)

PFPU-COATED FABRICS

CLEANING & CARE – PREMIFLEX CLASSIC, ULTRA & ULTRA PLUS COVERS

WASHING

- Washing (95°C) must be done with neutral detergents. Softening agents are not allowed
- Un-dyed fabrics may be washed following ISO 6330 norm, part 9A and dyed fabrics following ISO 6330 norm, part 3A
- Premiflex covers can be washed >100 times at 95°C (excluding possible physical damage of the coating due to contact with sharp metal parts in the washing machine)

DISINFECTION

- In general, Premiflex covers resist extremely well to all kinds of disinfectants
- We recommend testing the specific disinfectant prior to use or contacting us if unsure
- Generally, surface wiping can be done numerous times without issues using the following commonly used products:
 - Alcohol-based disinfectants
 - Phenol-based disinfectants
 - Disinfectants based on quaternary ammonium
 - Active chlorine-based disinfectants (>100 times, up to 5000 ppm). Always rinse the cover thoroughly with pure water after using chlorine
 - Chloramine-based disinfectants
 - Peroxide-based disinfectants

STERILISATION / AUTOCLAVATION

- Premiflex covers offer high resistance to autoclave sterilisation
- Premiflex covers have been tested and approved after 50 cycles at 134°C

DRYING

- Adequate drying is a crucial factor in the care and maintenance of coated fabrics
- Drying may be carried out by hanging, spinning or tumbling at temperatures up to 130°C (limited temperature duration) – DO NOT press or mangle
- Premiflex covers have been tested and approved after 50 cycles of tumble drying at 130°C

STORAGE

- Store in a dry area at room temperature
- Avoid excessive pressure and contact with non-colourfast materials
- Avoid prolonged exposure to sunlight (UV radiation)

APPROVED CLEANING AGENTS

CLEANER / CHEMICAL	CONCENTRATION		APPROVED FORTÉ COVERS
Delaval Acid Wash	1:20 Water		Premiflex
Distel Surface Disinfectant	According to Manufacturers Spec		Advantiflex/Premiflex
Dupont Virkon	1:20 Water	1:100 Water	Advantiflex/Premiflex
Ecolab A-456-li	1:64 Water		Advantiflex/Premiflex
Ecolab Actichlor Plus	2000ppm	10,000ppm	Premiflex
Ecolab Actichlor Plus	2000ppm		Advantiflex
Ecolab Asepti Active Liquid	According to Manufacturers Spec		Advantiflex/Premiflex
Ecolab Asepti Active Wipes	Ready to use		Advantiflex/Premiflex
Ecolab Chlorwhite	1:100 Water		Premiflex
Ecolab Incidin Extra	According to Manufacturers Spec		Premiflex
Ecolab Incidin Foam	According to Manufacturers Spec		Premiflex
Ecolab Incidin Plus	According to Manufacturers Spec		Premiflex
Ecolab Oasis Pro 12 Neutral Cleaner	1:20 Water		Premiflex
Ecolab Oxycide	According to Manufacturers Spec		Premiflex
Ecolab Spring Clean	1:20 Water		Advantiflex/Premiflex
Ecolab Cleantec Nature Clean	1:38 Water		Premiflex
Hartmann Sterillium	According to Manufacturers Spec		Premiflex
Helix Solutions Chlor-Clean	1000ppm (1 Tablet Per 1l Water)		Premiflex
Hu-Friedy Sporeclear Rtu Spray Or Wipes	Diluted At 8% Into Water		Premiflex
Hunters Tri-Det	1:80 Water		Premiflex
Hydrogen Peroxide 5%	Ready to use		Premiflex
Isopropyl Alcohol 70%	Ready to use		Premiflex
Kimberly-Clark Isowipes	Ready to use		Advantiflex/Premiflex
Legge Legcide HB Plus	According to Manufacturers Spec		Premiflex
Livingstone Liv-Wipes Jumbo	Ready to use		Premiflex
Medline Micro-Kill AF2 Disinfecting Deodorizing Cleaning Wipes	Ready to use		Premiflex
Metrex Cavicide	According to Manufacturers Spec		Advantiflex/Premiflex
Metrex Cavicide1	According to Manufacturers Spec		Advantiflex/Premiflex
Milton Anti-Bacterial Tablets	1 Tablet : 2l Water		Advantiflex/Premiflex
Noble Pine Steri-Fab	According to Manufacturers Spec		Advantiflex/Premiflex
Odorxit Naturals Odor Eliminator Spray	Ready to use		Premiflex

APPROVED CLEANING AGENTS

CLEANER / CHEMICAL	CONCENTRATION	APPROVED FORTÉ COVERS
PAL Detergent Wipes	Ready to use	Premiflex
PAL Disinfectant Wipes	Ready to use	Premiflex
PCS 7000	According to Manufacturers Spec	Advantiflex/Premiflex
PCS Spray & Wipe Hand And Surface Cleaner	Ready to use	Advantiflex/Premiflex
PDI Super Sani Cloth Germicidal Disposable Wipes	Ready to use	Advantiflex/Premiflex
Pro Restore Microban X-590 Institutional Spray	Ready to use	Premiflex
Puregreen 24	According to Manufacturers Spec	Advantiflex/Premiflex
Quantum Pacific Antimax	According to Manufacturers Spec	Advantiflex/Premiflex
Reynard Neutral Detergent Wipes	Ready to use	Advantiflex/Premiflex
Reynard Surface Sanitising Wipes	Ready to use According to Manufacturers Spec	Advantiflex/Premiflex
Schulke & Mayr Kodan Tinture Forte	According to Manufacturers Spec	Premiflex
Schulke & Mayr Ocetenisept	According to Manufacturers Spec	Premiflex
Sealed Air Diversey Care Divercleanse	3.1:100 Water	Advantiflex/Premiflex
Sealed Air Diversey Care Oxivir TB Liquid & Wipes	Ready to use	Premiflex
Sealed Air Diversey Care Room Care R2l	According to Manufacturers Spec	Advantiflex/Premiflex
Sealed Air Diversey Care Stride Citrus Smartdose	1:750 Water	Premiflex
Sealed Air Diversey Care Stride Hc (Jf)	According to Manufacturers Spec	Premiflex
Sealed Air Diversey Care Suma San Conc D4a	According to Manufacturers Spec	Premiflex
Sealed Air Diversey Care Virex li 256	1:256 Water	Advantiflex/Premiflex
Sodium Hypochlorite	1.3:100 Water	Premiflex
Spartan Bnc-15	According to Manufacturers Spec	Advantiflex/Premiflex
Spartan Gs Neutral Disinfectant #3502	According to Manufacturers Spec	Advantiflex/Premiflex
Spartan Hdq C2	According to Manufacturers Spec	Advantiflex/Premiflex
Spartan Super Hdq Neutral	256 to 1 Dilution with Water	Advantiflex/Premiflex
Spring Clean (Eco Lab)	5% Spring Clean (1:20 Water)	
Steri-7 S-7 Xtra Wipes	Ready to use	Advantiflex/Premiflex
Sterri-Matt (Pure) Foam	Ready to use	Advantiflex/Premiflex
Sulco Medi wipes	Ready to use	Premiflex

APPROVED CLEANING AGENTS

CLEANER / CHEMICAL	CONCENTRATION	APPROVED FORTÉ COVERS
Surehands Turbo Cleaner		
Synergy Health Azomax Multi Surface Wipes	Ready to use	Advantiflex/Premiflex
Synergy Health Azowipe Hard Surface Wipes	Ready to use	Advantiflex/Premiflex
True Blue Chemicals (use all)	According to Manufacturers Spec	Advantiflex/Premiflex
Trix (Soap)	Ready to use	Advantiflex/Premiflex
Velocity Eco-Pine	1:20 Water	Advantiflex/Premiflex
Verna Tuffle 5 Cleaning Wipes	Ready to use	Advantiflex/Premiflex
Wexford Labs Wexcide 128	Minimum 128 to 1 Dilution with Water	Advantiflex/Premiflex
Whiteley Medical Lemex	According to Manufacturers Spec	Premiflex
Whiteley Medical Odacon Spray	According to Manufacturers Spec	Premiflex
Whiteley Medical Viraclean	According to Manufacturers Spec	Advantiflex/Premiflex

CAUTION

- To avoid premature degradation of the surface coating, never use an abrasive cloth, sponge or similar device on the surface. Wipe off cleaning product residue with a clean, soft cloth and rinse with fresh warm water immediately after use. Allow the surface to dry completely before use.
- Cleaners and disinfectants can cause discolouration or bleaching on some colours. To avoid discolouration, always test on a small area first.
- Information contained here relates solely to the compatibility of cleaners with Forté Healthcare cover materials and does not relate to the efficacy of any cleaner for infection control or the safety of any cleaner for skin contact.
- Testing information is specific to the products or formulations listed and does not constitute approval for other products from any brand unless tested.
- All approvals are based on manufacturer-recommended dilution with water unless otherwise specified and are not valid for improper dilution.
- If a particular cleaner or disinfectant is not listed, we recommend testing the product in advance or contacting us to arrange testing.





All mattresses are made by Forté Healthcare in Armidale NSW in accordance with all Australian manufacturing and clinical standards.

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