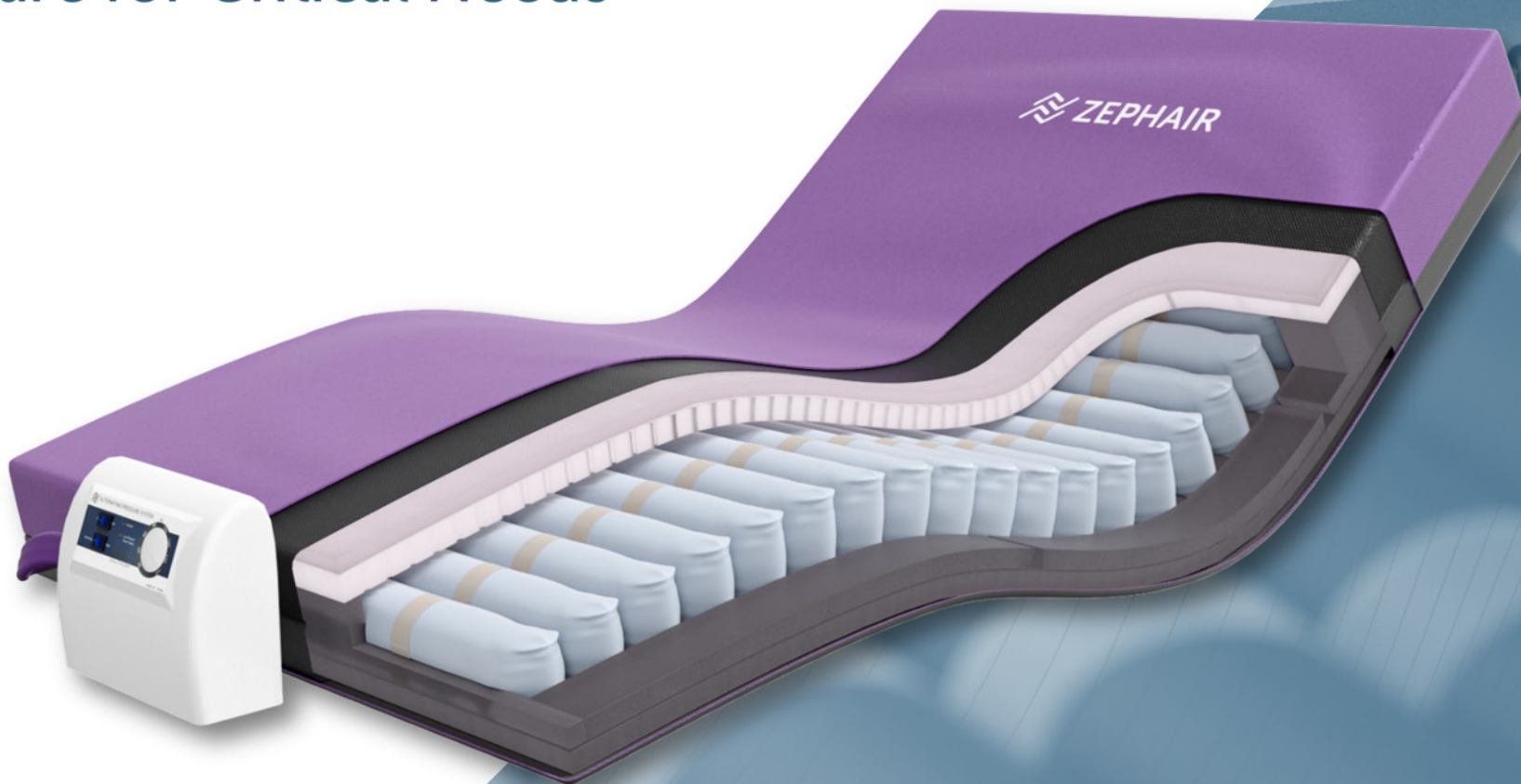




Gentle Care for Critical Needs





The ultimate in critical care

Comfort & Support

- Air Wave Alternation reduces motion discomfort and eases pressure points
- Soft, supportive cells provide consistent comfort for extended use

High-Level Pressure Care

- Distributes pressure evenly to protect bony prominences
- Reduces risk of soft tissue injury with enhanced pressure redistribution

Safety & Stability

- Reinforced perimeter offers secure support for safer transfers
- Anti-shearing covers minimise friction and improve user safety

Simplicity & Silence

- Ultra-quiet pump minimises noise disturbance for restful care
- Intuitive controls ensure easy adjustments for caregivers



Risk Rating

Shear & Friction	<div><div></div><div></div><div></div><div></div><div></div></div>
Repositioning	<div><div></div><div></div><div></div><div></div><div></div></div>
Infection Control	<div><div></div><div></div><div></div><div></div><div></div></div>
Firmness	<div><div></div><div></div><div></div><div></div><div></div></div>
Moisture & Microclimate	<div><div></div><div></div><div></div><div></div><div></div></div>
Performance & Longevity	<div><div></div><div></div><div></div><div></div><div></div></div>
Mobility & Function	<div><div></div><div></div><div></div><div></div><div></div></div>
Pressure Care Rating	High - Very High Risk
Warranty	5 Year Foam Core 4 Year Premiflex Ultra Cover 2 Year Luxury Homecare Cover 2 Year Air Cell 1 Year Pump
Therapeutic Weight Loading	30 - 180kg
Applications	Hospital Wards Aged Care Palliative Care Homecare



Product Features

Outstanding Comfort

- Gentle Air Wave Alternation to Minimise Motion
- Combines Pressure Redistribution with Pressure Reduction
- Supports Overheating Prevention and Cooling Management

22-cell Alternating Air Support System

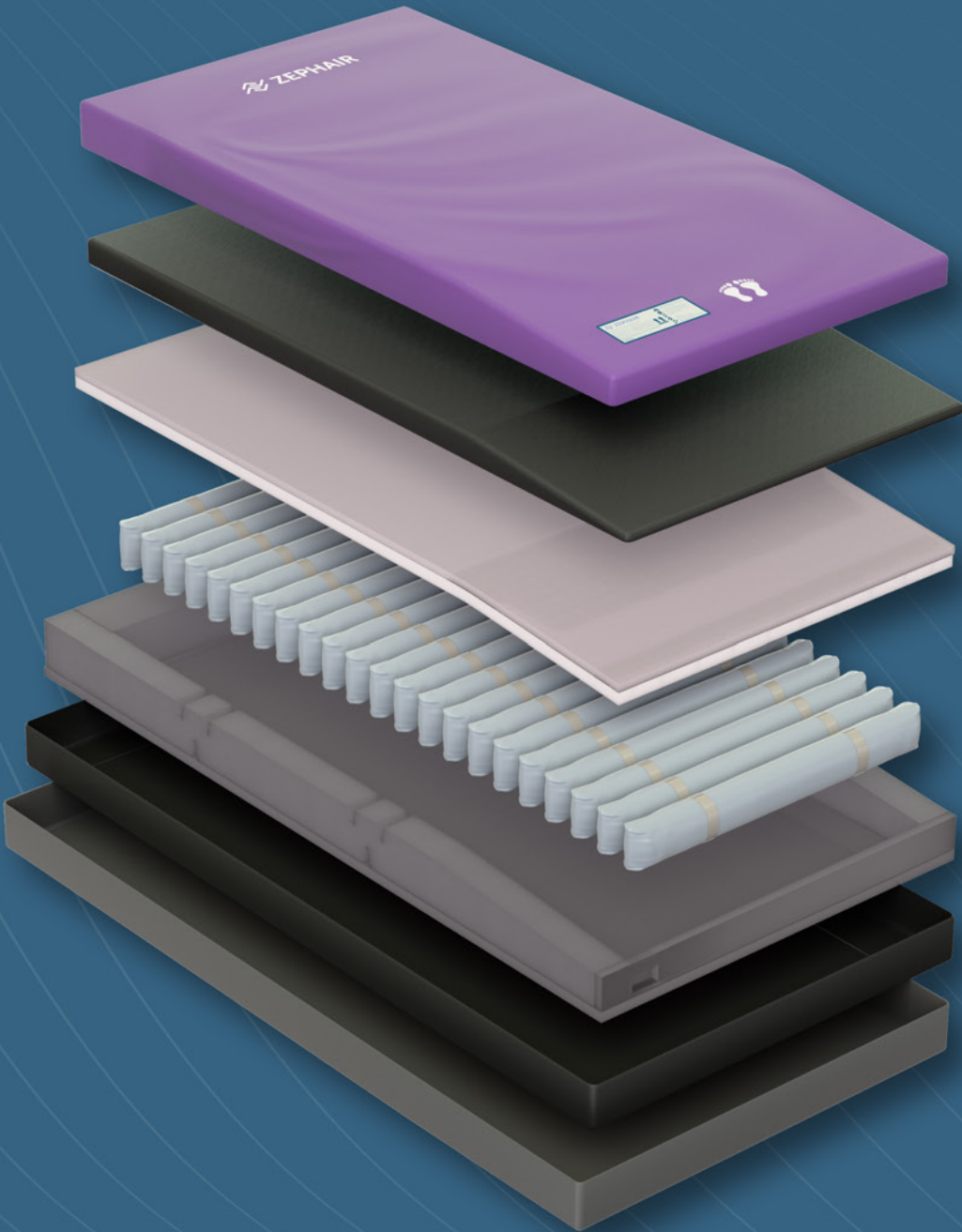
- High Cell Count Minimises User Disturbance

Silent Ergonomic Pump

- Ultra-Quiet Compressor to Minimise Disturbance
- User-Friendly and Ergonomically Designed

Foundational Support Foam

- Premium-Grade Firm Foam for Added Protection During Transfers and Posture Changes
- Cushions Effectively During Extended Power Outages



Anti-Shearing System

- Gliding Anti-Friction Inner Cover Technology
- Multi-Compartment Design to Absorb Shear and Friction Forces

Heel Pressure Reduction Zone

- 5° Inbuilt Heel Pressure Transfer Region for Enhanced Comfort

Breathability & Microclimate Control

- Airoform Air Flow Interface for Improved Ventilation

Safety & Falls Prevention

- High Support, Static Perimeter for Increased Safety
- Enhances Stability During Repositioning and Transfers

Support For Repositioning

- Ideal for Users with Reduced Functional Ability
- More Stable and Supportive than Traditional Full-Air Systems

Cover Options

Premiflex Ultra Cover

- 4-Way Stretch, Anti-Shear
- Wipe-Clean and Waterproof
- Ultra-High Performance
- High-Frequency Sealed & Welded Seams
- Fully Breathable for Enhanced Foam Performance



Luxury Quilted Homecare Cover

- 4-Way Stretch, Anti-Shear
- High Breathability, Ideal for Cooling
- Combines Pressure Care with Homestyle Comfort
- Removable

Advanced Protection for Safer Care

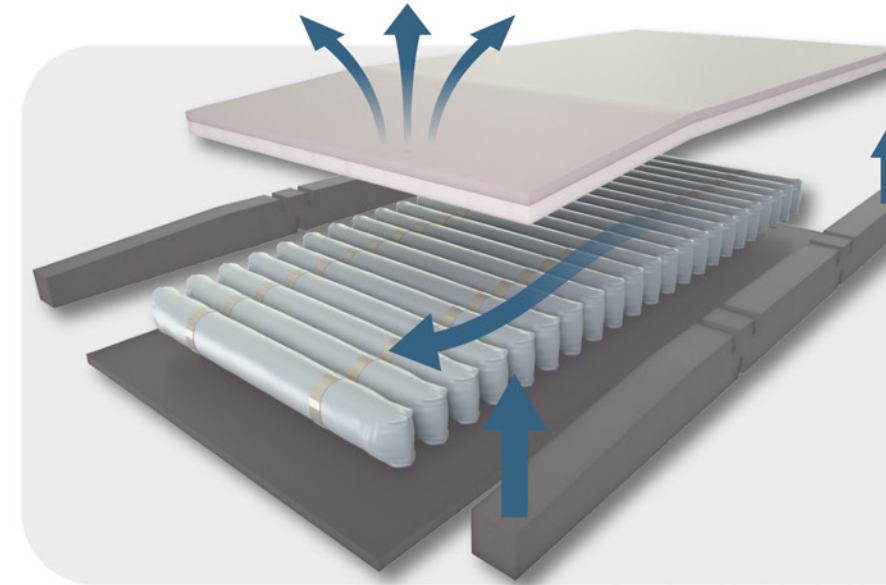
Forté Healthcare's mattress covers are designed for durability, infection control and comfort. Clinical Premiflex covers ensure rigorous cleaning with waterproof and breathable protection, while homecare covers provide comfort and luxury.

Principles of Pressure Care



Pressure Redistribution

- Minimises soft tissue deformation with effective immersion and envelopment
- Combines pressure redistribution with targeted relief
- Gentle air wave alternation reduces motion-related discomfort

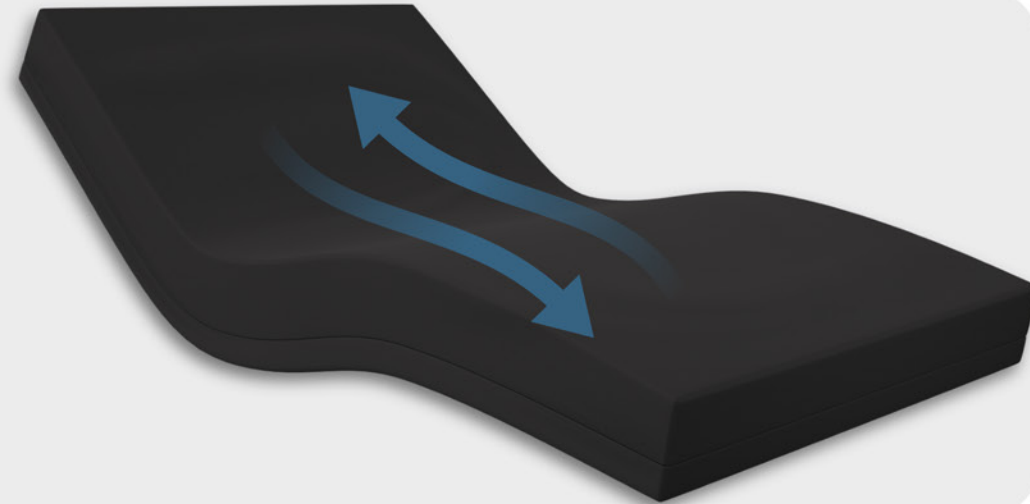


Repositioning & Mobility

- Responsive Interface to Assist Caregiver-Aided Repositioning
- Reinforced Perimeter for Safer Transfers
- Stable support structure enhances user independence during movements

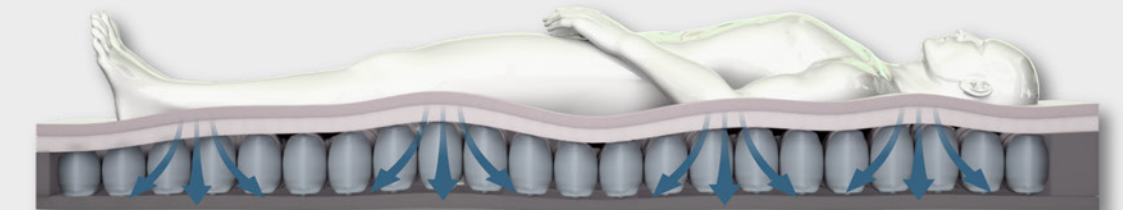
Shear & Friction Reduction

- Reduced Air Cell Amplitude to Lower Tissue Stress and Strain
- Anti-Shearing Dual-Compartment Inner Cover
- 4-Way Stretch External Cover for Anti-Shearing Protection



Microclimate Management

- Moisture Vapour Permeable, Breathable Cover
- Airoform Breathable Immersion Interface
- Active Airflow for Temperature Regulation





“Since introducing the Zephair to our palliative care unit, patient comfort has dramatically improved. We’ve seen better sleep, better morale, and significantly fewer pressure injuries, even during end of life care.”

-Occupational Therapist

Clinical Pressure Analysis

Pressure mapping for the Zephair mattress is conducted using the RESNA/NPIAP 50th Percentile Male Mannequin. This specialised test mannequin has emphasised bony prominences to accurately replicate peak pressure points, excluding the impact of soft tissue. This enables precise and thorough testing, ensuring the mattress provides superior pressure redistribution performance.

TEKSCAN Pressure Measurement

System	7.20C
Rows	104
Sensel Area	2.89008cm2
Micro Second	0
Sensor Type	5400D
Cols	34
Seconds per Frame	0.010319
Units	mmHg

Pressure Mapping Parameters

Bed Surface	Alrick, 2001WMKII Series Bed
Relative Humidity	51%
Ambient Temperature	21°C
Height	178cm
Subject	81kg RESNA NPIAP 50th percentile male mannequin
Duration	6 hours on the support surface



Custom Sizing Solutions

Size	Dimensions(mm)	Premiflex Ultra Cover
Single	1980x880x215	ZAS1000
Single, Long	2030x880x215	ZASL1000
King Single	1980x1050x215	ZAKS1000
King Single, Long	2030x1050x215	ZAKSL1000
Extra Wide	1980x1150x215	ZAEW1000
Extra Wide, Long	2030x1150x215	ZAEWL1000
Double	1980x1350x215	ZAD1000
Double, Long	2030x1350x215	ZADL1000
Queen	1980x1530x215	ZAQ1000
Queen, Long	2030x1530x215	ZAQL1000
King	1980x1850x215	ZAK1000
King, Long	2030x1850x215	ZAKL1000

Manufactured in Australia, Fully Customisable

The Zephair, fully manufactured by Forté Healthcare in Armidale, Australia, is available in custom sizes with adjustable length, width, and thickness, using premium Australian and European materials.



The Mattress Makes The Bed™

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