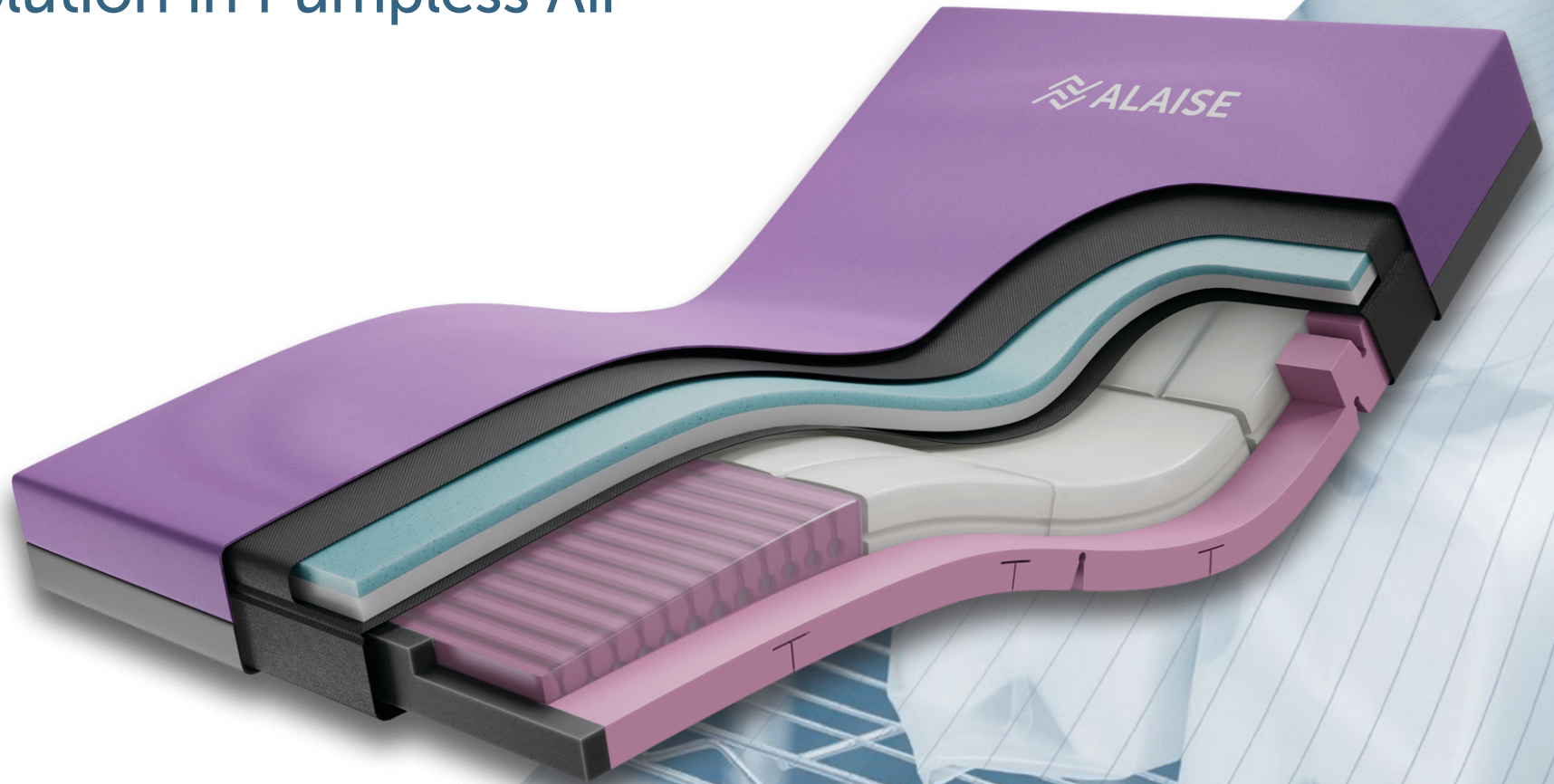




The Revolution in Pumpless Air





High Risk Pressure Care

- Reduces pressure injury risk with innovative pumpless air technology
- Provides adaptive support for lasting comfort

Dignity, Independence & Mobility

- Improves mobility and ease of repositioning
- Promotes independence and dignity

Pain Management & Comfort

- Designed to alleviate pain and minimise discomfort
- Effortlessly promotes user comfort

Maintenance Free Applications

- Delivers reliable support without regular upkeep
- Minimises maintenance while ensuring long-term care



Risk Rating

	1	2	3	4	5
Shear & Friction					
Repositioning	1	2	3	4	5
Infection Control	1	2	3	4	5
Firmness	1	2	3	4	5
Moisture & Micro-climate	1	2	3	4	5
Performance & Longevity	1	2	3	4	5
Mobility & Function	1	2	3	4	5
Pressure Care Rating	High - Very High Risk				
Warranty	5 Year Foam Core 5 Year Air Cell 4 Year Premiflex Ultra Cover 2 Year Luxury Homecare Cover				
Therapeutic Weight Loading	Single (300kg) King Single (350kg)				
Applications	Hospital Wards Aged Care Palliative Care Homecare				



Product Features

Engineered Foam Technology

- Cooling Gel Memory Foam boosts comfort, support and temperature control

Full-Length Air Cells

- Ensures Pressure Redistribution in any posture with a Modular Cell System that adapts to width adjustments

Sacral 'Reserv-Air' Protection System

- Protects pelvic region from 'Bottoming Out' during prolonged seating

High Support Perimeter

- Engineered Foam and Adaptive Cells ensure safer transfers



Customisable Comfort Options

- Rotational Interface for adaptable support
- Personalised configurations to suit

Anti-Shear System

- Multi-compartment design limits internal movement, reduces shear and protects sensitive skin

Horizontally Zoned Cell Technology

- Safer transfers with stable airflow and Anatomically Calibrated Scapular, Lumbar and Thigh zones for optimal Pressure Redistribution

Heel Pressure Reduction Zone

- Gentle slope redistributes pressure with Heel-Specific Cells enhancing Immersion & Support

Cover Options

The Alaise range is available with a choice of advanced covers to suit a variety of care settings. Covers can also be purchased separately, making it easy to update or adapt the mattress as client or facility needs change.

Luxury Quilted Homecare Cover

- 4-way stretch, anti-shear fabric
- High breathability, assists cooling
- Homely quilted finish with medical-grade performance
- Designed to complement pressure care mattresses
- Removable and replaceable
- Hard-wearing base built for adjustable bed movement



Premiflex Ultra Cover

- 4-way stretch, anti-shear fabric for skin protection
- Waterproof, breathable surface, easy to wipe clean
- Engineered for demanding clinical environments
- Supports mattress performance and hygiene management
- Compatible with disinfectants up to 10,000ppm



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

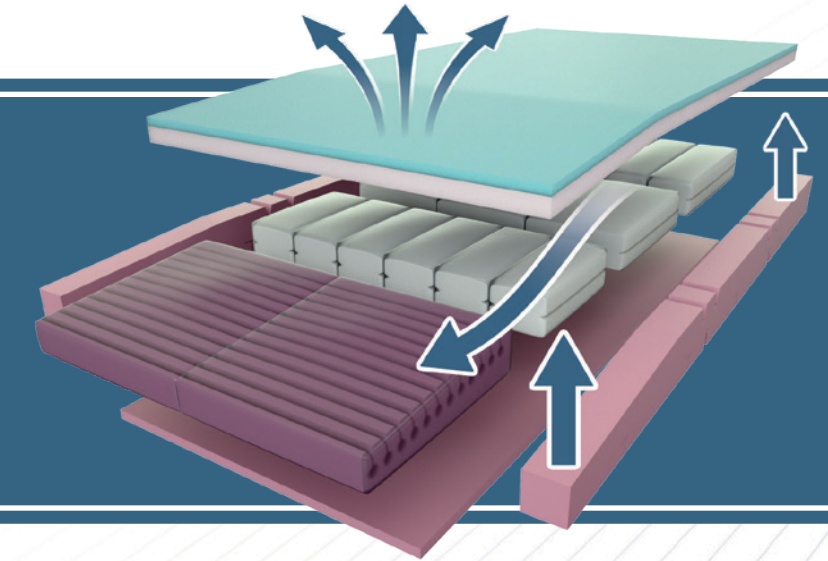


Pressure Redistribution

- Anatomically designed air chambers contour to the body for even pressure distribution
- The seated 'Reserv-Air' function controls air movement, preventing bottoming out during extended sitting

Repositioning & Mobility

- Vertically linked Air Cells preventing lateral air instability and a rolling effect
- Safety Perimeter Support with High-Density Foam for enhanced stability



Shear & Friction Reduction

- Internal components move independently to absorb shearing forces
- The anti-shearing inner cover prevents the top cover from gripping and stretching against the skin

Microclimate Management

- Open-Cell, Highly Breathable Airoform Immersion Interface
- Moisture Vapour Permeable, Breathable Cover



“The Alaise mattress is ideal for clients transitioning off alternating air mattresses. It’s firm yet comfortable, making movement easier without needing a pump. Clients appreciate the quiet, reliable support, and in regional areas, its low-maintenance design has been a real advantage.”

Clinical Pressure Analysis

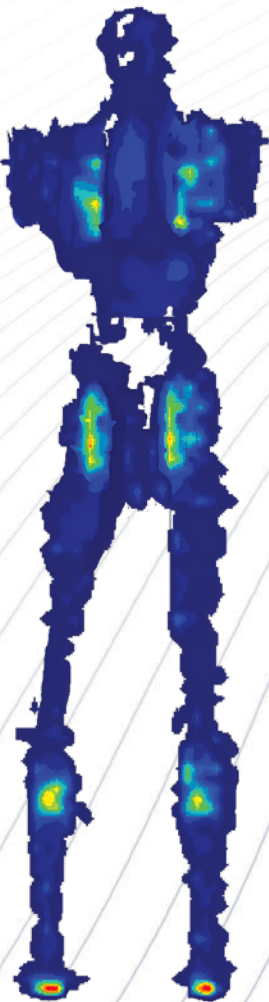
Pressure mapping for the Alaise mattress is conducted using the RESNA/NPIAP 50th Percentile Male Manikin. This specialised test mannequin has emphasised bony prominences to accurately replicate peak pressure points, excluding the impact of soft tissue. This enables precise and thorough testing, ensuring the mattress delivers 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 Temp	21°C
Height	178cm
Subject	81kg RESNA NPIAP 50th percentile male mannequin
Duration	6 hours on the support surface



Standard Sizing Solutions

Size	Dimensions (mm)	Premiflex Ultra Cover
Single	1980x880x185	ALS1000-GEL
Single, Long	2030x880x185	ALSL1000-GEL
King Single	1980x1050x185	ALKS1000-GEL
King Single, Long	2030x1050x185	ALKSL1000-GEL
Extra Wide	1980x1150x185	ALEW1000-GEL
Extra Wide, Long	2030x1150x185	ALEWL1000-GEL
Double	1980x1350x185	ALD1000-GEL
Double, Long	2030x1350x185	ALDL1000-GEL
Queen	1980x1530x185	ALQ1000-GEL
Queen, Long	2030x1530x185	ALQL1000-GEL
King	1980x1850x185	ALK1000-GEL
King, Long	2030x1850x185	ALKL1000-GEL

Manufactured in Australia, Fully Customisable

The Alaise, 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.

Specialist Mattress Manufacturers





The Mattress Makes The Bed™

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