



forté
HEALTHCARE

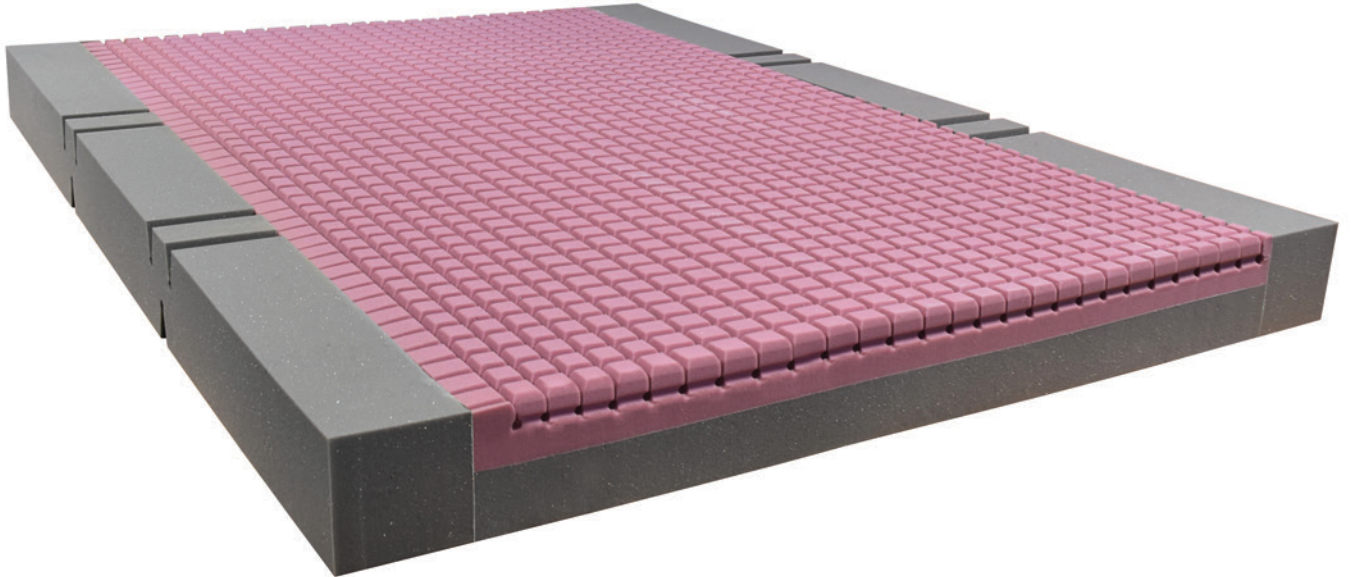


AUREA VENTRAFLOW

Medium Care Pressure Care Mattress

The Forté Aurea Ventraflow provides excellent comfort, patient support and preventative pressure care. Deep immersion and micro-climate are achieved through the Ventraflow multi-zone modulation technology, which is unique to Forté Healthcare.

Constructed with foams only available from Forté and high performance cover materials, the Forté Aurea Ventraflow provides exceptional value with the uncompromised level of quality and performance.

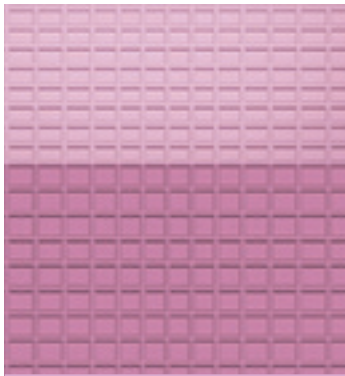


Aurea Ventraflow Mattress - Queen »



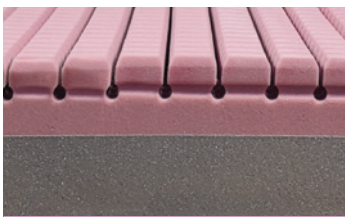
Premiflex Ultra Cover - Queen »

FOAM CORE FEATURES



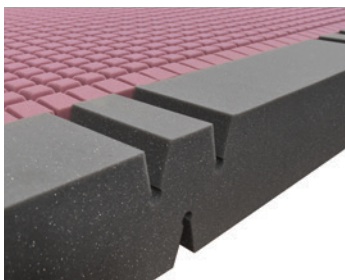
VENTRAFLOW® MULTI-ZONE TECHNOLOGY IMMERSION INTERFACE LAYER

- » Individual profiled castellations within the immersion region cradle the patient and conform to bony prominences
- » Lateral and longitudinal air channels facilitate free movement of air throughout core improving internal micro-climate and reducing 'hot-spots'
- » Provides over three times greater internal air circulation, minimising internal heat entrapment and maximum moisture evacuation
- » Zoned to provide maximum patient support and immersion
- » Provides exceptional comfort and support for repositioning



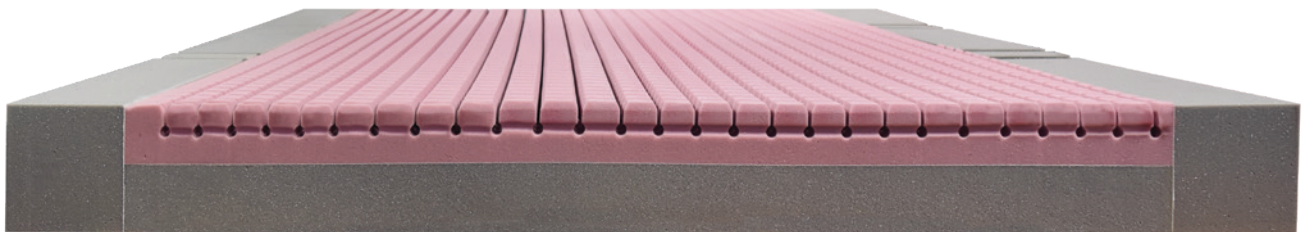
PREMIUM FIRM FOUNDATION LAYER

- » Provides protection against 'bottoming-out' during transfer, repositioning and whilst in the inclined/fowler position
- » Provides exceptional comfort, support for repositioning and patient care



HINGED STRENGTHENED SIDES

- » Increase lateral stability of support surface
- » Improves patient safety and encourages central patient positioning
- » Make patient transfers easier
- » Unique hinge profile reduces foam fatigue and allow mattress to easily conform to varied bed positions
- » Enables ease of primary patient care

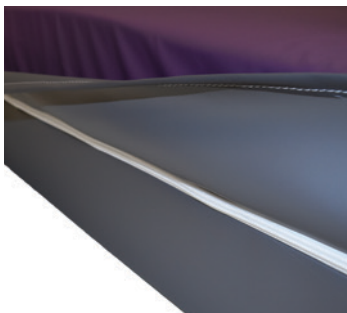


COVER FEATURES



PREMIFLEX ULTRA PREMIUM PRESSURE CARE COVER UPPER MATERIAL

- » High Performance, Single Sided Premiflex PFP1100 Pressure Care Polyurethane Upper Material
- » 4-Way/Bi-Directional stretch for shear protection, immersion & envelopment
- » Vapour permeable and breathable
- » Resistant to patient body fluids
- » Flexible and gentle to the skin
- » Superior resistance to cleaning agents
- » Standard Colour: Purple/Grape



DOUBLE COATED POLYURETHANE BASE

- » Durable
- » Protects foam core against the bed base
- » Provides exceptional conformity and profiling to medical bed surfaces
- » Superior resistance to cleaning agents
- » Standard Colour: Deep Grey



CLEANING & CARE

- » 10,000ppm disinfection chemical suitability
- » Wipe clean
- » Stain Resistant
- » Anti-microbial protected



COMPLIANCE

- » Fire retardant, meets BS 6807 ignition source 5 and BS 7175 ignition source 5 standards
- » Anti-microbial protected
- » All seams high frequency welded, no exposed sewn seams
- » Meets and exceeds facility requirements
- » Material manufactured in Belgium, to Forté specification



FULL VAPOUR PERMEABILITY

- » Allows vapour to travel right through the cover at a controlled rate
- » Reduces risk of internal infection entrapment and optimises core micro-climate



CONSTRUCTION

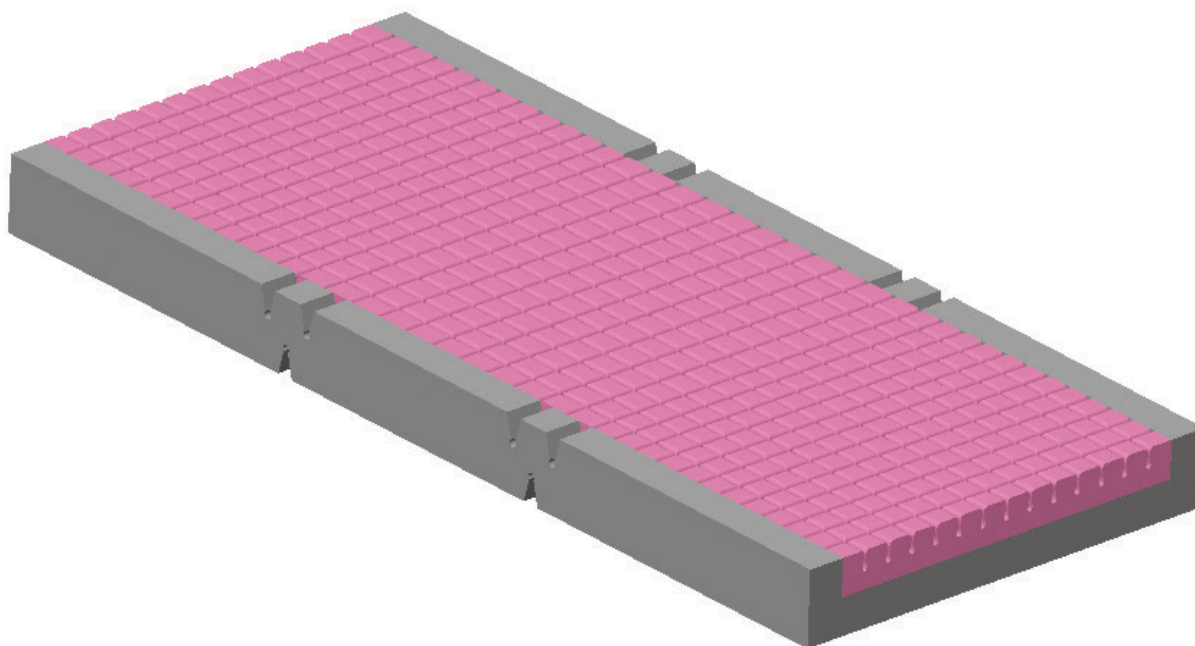
- » All seams high frequency sealed & welded
- » 180° / two-sided integrated zipper
- » Waterfall Fluid Penetration Flap
- » TGA Compliant Product Labelling



WATERFALL ZIPPER PROTECTION FLAP

- » Protects additional protection against fluid ingress through zipper
- » Meets infection control guidelines

SPECIFICATIONS



Code	Dimensions (L x W x D mm)	Size	Product Ratings	
AUVS1000	1980x880x150	Single	Shear & Friction	0 ———— 5 ●
AUVSL1000	2030x880x150	Single, Long		
AUVKS1000	1980x1050x150	King Single	Repositioning	0 ———— 5 ●
AUVKSL1000	2030x1050x150	King Single, Long		
AUVEW1000	1980x1150x150	Extra-Wide	Infection Control	0 ———— 5 ●
AUVEWL1000	2030x1150x150	Extra Wide, Long		
AUVD1000	1980x1350x150	Double	Firmness	0 ———— 5 ●
AUVDL1000	2030x1350x150	Double, Long		
AUVQ1000	1980x1530x150	Queen	Moisture & Microclimate	0 ———— 5 ●
AUVQL1000	2030x1530x150	Queen, Long		
AUVK1000	1980x1850x150	King	Performance & Longevity	0 ———— 5 ●
AUVKL1000	2030x1850x150	King, Long		
-	Customise	To suit any bed platform	Mobility & Function	0 ———— 5 ●
Cover		Warranty		
Premiflex Ultra		5 Year Foam Core 4 Year Cover	Pressure Care Rating	MEDIUM RISK
Therapeutic Weight Range			Applications	
40 - 250kg			» Hospital Wards » Aged Care » Homecare	

CLINICAL PRESSURE MAPPING



SUPINE



TEKSCAN PRESSURE MEASUREMENT

System: 7.20C	Rows: 104	Sensel Area: 2.89008cm ²	Micro Second: 0
Sensor Type: 5400D	Cols: 34	Seconds per Frame: 2	Units: raw

PRESSURE MAPPING PARAMETERS

Bed Surface: Alrick, 5 Function Electric Hospital Bed	Subject: 98kg, Male	Height: 188cm
Duration: Pressure Mapping was captured after 6 hours of subject laying upon support surface		Ambient Temperature: 21°C

Pressure Mapping measures the interface pressure between a support surface and its user. At Forté Healthcare we use the Tekscan Pressure Measurement System, a thin and flexible sensor which ensures minimal interference to the surface performance. The System helps to measure the pressure redistribution of a human body on the surface of our mattresses.

The Pressure Mapping images above demonstrate the pressure distribution of a 98kg male over a 6-hour period, shown in a variety of positions on the *Aurea Ventraflow Medium Care Pressure Care Mattress*.

Pressure Mapping aids us in the Research & Development of our products, allowing a close insight into areas of peak pressure on the body. Counter-control measures can therefore be taken to ensure peak pressures are successfully redistributed, thus mitigating the risk of pressure injuries.

Pressure Mapping is a commonly used tool in attaining clinical data on interface pressures, however Forté Healthcare acknowledges *"it cannot be used to conclude on internal stresses and the stress concentration levels in deep vascularized tissues, particularly muscles."*^[1]

The example pressure mapping provided by Forté Healthcare is only intended for use as a clinical aid, *"rather than a replacement to clinical judgement."*^[2]

[1] A. Gefen & J. Levine (2007) The false premise in measuring body-support interface pressures for preventing serious pressure ulcers, Journal of Medical Engineering & Technology, 31:5, 375-380, DOI: 10.1080/03091900601165256
 [2] Dunk AM & Gardner A (2016) Body shape: a predictor for pressure injury risk, Wound Practice and Research, 24:2, 92-98, ISSN 2202-9729



GLOBAL TECHNOLOGY
AUSTRALIAN MADE

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