

Air-Layer

The Air-Layer static pressure reducing mattress is a combination of the traditional benefits of a visco-elastic mattress with the latest technology to improve comfort and pressure reduction. The temperature sensitive visco-elastic foam moulds to the shape of the body providing a greater surface area thus providing greater pressure re-distribution. Its unique top layer reduces heat transfer rates by over 50% and vapour transfer rates by over 25%, thus improving the micro-climate between the patient and the support surface. This greatly contributes to the overall pressure reducing properties of the mattress.

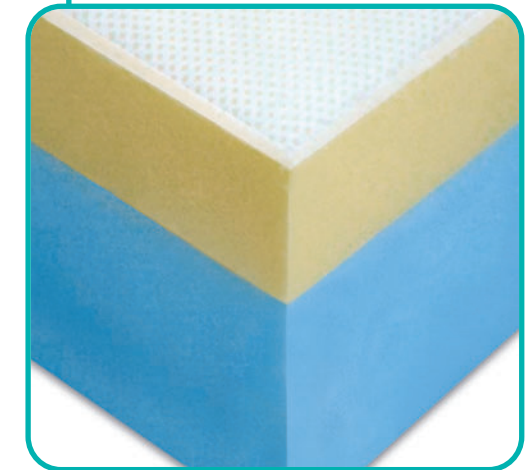
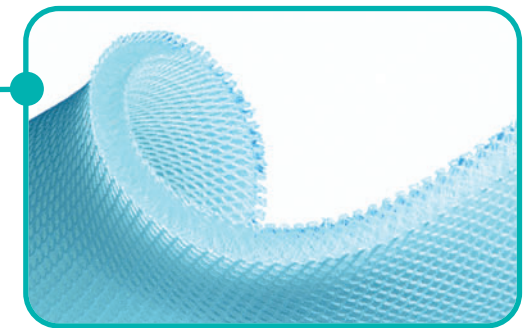
Designed for patients at Very High Risk of developing pressure ulcers, the Air-Layer mattress is suitable for both lighter and heavier individuals without compromising patient comfort.



Technical Specifications

Product Code	PL115
Maximum Weight Limit	39 stone / 248 kgs
Risk Factor	Very High Risk*
Warranty	4 years cover / 5 years foam
Mattress Dimensions	198cm x 88cm x 16cm
Mattress Weight	16 kgs
Foam Density Range	Visco Foam: 56 - 63kg / M ³ , CMHR Base: 38 - 40kg / M ³
Nominal Hardness Range	Visco Foam: 120 - 150N, CMHR Base: 175 - 215N
Fatigue Class	Very Severe
Fire Retardancy	BS 5852 : Crib 5 / BS EN59 - 1, 2

FEATURES	BENEFITS
Unique top surface air layer	Reduces micro-climate heat and vapour rates, promoting greater comfort and pressure reducing properties
Temperature sensitive, visco-elastic foam	Moulds to the shape of the body therefore providing greater weight distribution and effectively reduces pressure
Bottom layer of CMHR foam	Provides further support to improve patient comfort
Non-turn mattress	Reduces manual handling procedures
Waterproof, multi stretch, vapour permeable PU cover, impregnated with Acti-fresh biocide	Reduces shear and friction forces whilst aiding infection control
High frequency welded seams	Reduces possibility of fluid ingress
Concealed, centrally located zip with welded flap	Provides further protection against possible fluid ingress
Non-slip, toughened PU base sheet	Reduces possibility of damage from bed frame whilst providing safe and prolonged use of the mattress
Cover has white inner substrate	Helps to aid mattress audits by making staining easily identifiable
Cover can be removed and laundered at 71°C	Aids decontamination protocols
All parts replaceable	Provides cost effectiveness
Available in single, double, bariatric and paediatric size	To suit a variety of customer requirements



Park House combustion modified (CMP) foams and memory foams have been certified as within the limit values prescribed and are authorised to use the safety, health and environment label: CertiPur™



“...the judges unanimously agreed that the Park House Visco Airlayer™ fulfilled all the award criteria and has been granted the FIRA Innovation award”

*All equipment should be used in conjunction with clinical judgement and assessments dependent on individual patient morphology. Essential nursing care is pivotal in providing the optimum pressure ulcer prevention plan.