

airospring

PRO range of Pressure Relief Optimised support surfaces



COMFORTABLE



HEALTH PROTECT



BREATHABLE



MAPPED PRESSURE



WEIGHT



MADE IN UK

MICROCLIMAT MATTRESS OVERLAY



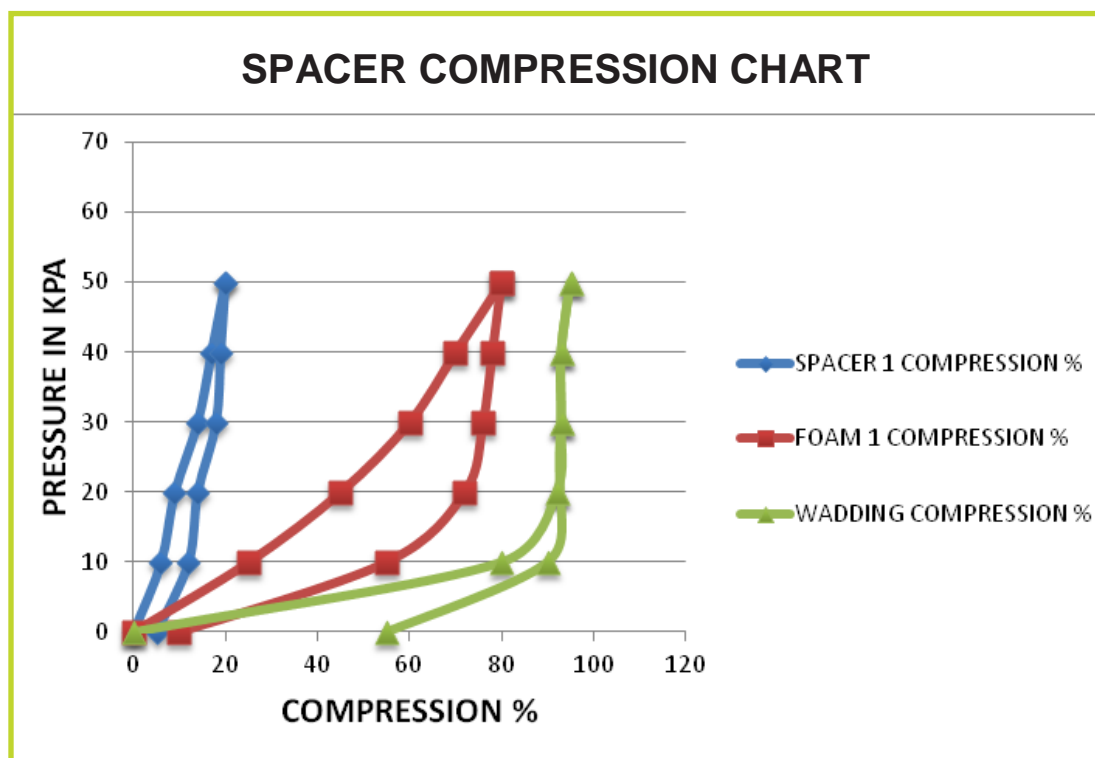


Airospring PRO is a Crib 5 fire rated range of lightweight and breathable cushions and mattress overlays made from high-tech 3D Knitted Spacer Fabrics specifically developed to meet the needs of the healthcare sector.

Professor Subhash Anand MBE is Technical Director of Airospring Medical and Professor of Technical Textiles at the Institute of Materials Research and Innovation (IMRI). Airospring based at Biocity in Nottingham have designed and produced other pressure relieving devices like Airospring PRO+ mattress overlays.

Our cushions and overlays distribute weight more effectively than foams and allow maximum airflow which creates microclimate control and promotes the dissipation of perspiration and consequently benefits the skin. Recent tests to EN 31092 measurement of thermal and water vapour resistance confirm this. The materials are also isotropic and can help prevent shear.

Airospring PRO products are non-allergenic and provide odour control. They are designed with comfort in mind. For specific conditions or medical advice consult your doctor or clinician.



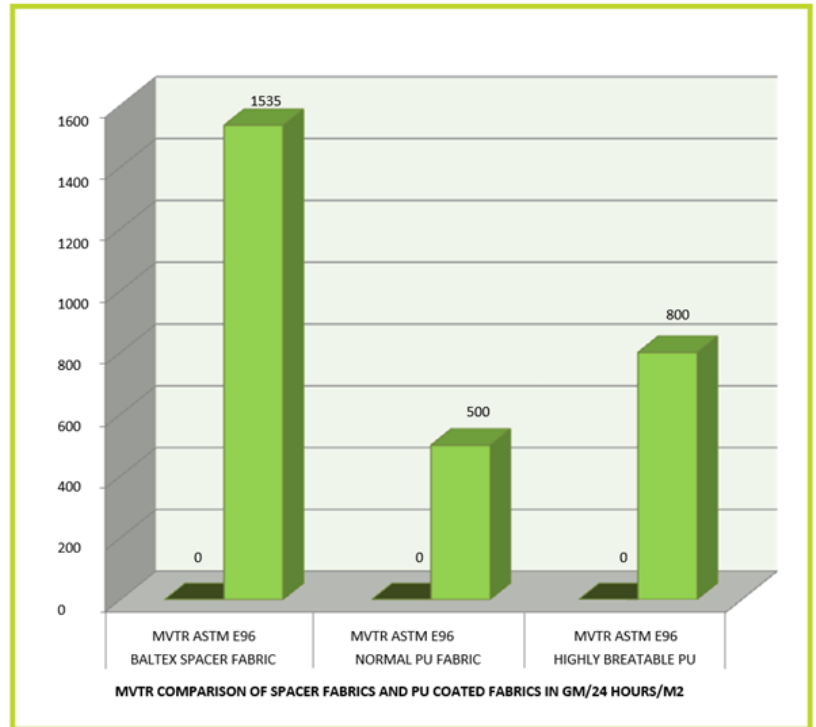
MICROCLIMATE

Airospring's patented technology allows for the maximum flow of air. Microclimate is becoming increasingly recognised in its role as a key influencing factor in the development of pressure ulcers.

Current visco-elastic open cell and closed cell foams do not address this problem.

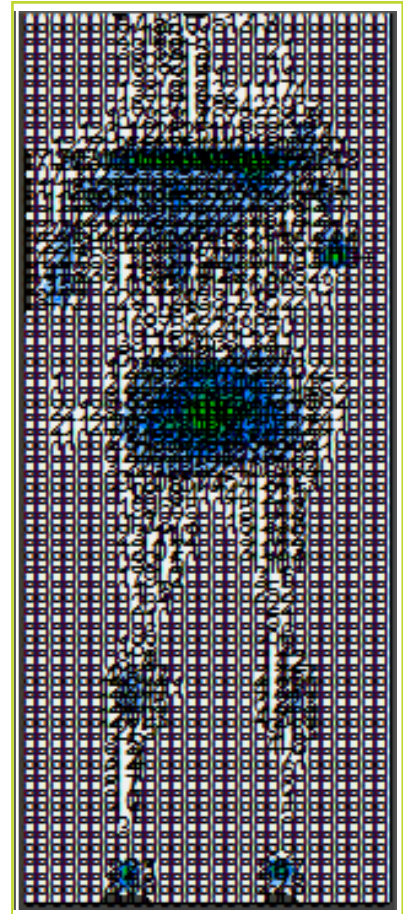
It is known that PU coated fabrics have relatively low moisture vapour

transmission rates (MVTR) and do not permit sufficient breathability, when used with foam inserts. Above is a chart which shows the MVTR rates for Spacer fabrics in comparison with PU coated fabrics. To provide the optimum microclimate and still comply with infection control and Crib 5 fire resistance, the Airospring PRO+ Mattress Topper combines a highly breathable PU coated cover with the 3D Spacer fabric core protected by an FR interliner.





- High performance Spacer fabrics used in Airospring's products are much better at reducing peak pressures than equivalent foam mattress overlays.
- The Airospring pressure relieving mattress overlay MT230 PRO+ distributes pressure evenly over a much wider area than Visco-elastic and PU foam mattress overlays.
- Our Airospring PRO+ mattress overlay is 100% washable at 60°C in a normal washing machine unlike other mattress overlays.
- The Airospring MT230 PRO+ includes a stretchable, breathable and waterproof PU cover, with fully welded seams to help prevent fluid ingress.
- The Airospring Mattress Overlay MT230 PRO+ demonstrates significantly superior performance in the transport of moisture vapour, a key point in influencing Microclimate.
- Superior patient comfort over longer periods.
- Competitively priced with volume discounts.



Excellent pressure distribution properties

Manufacturer

Tel: +44 (0)115 9322403

Fax: +44 (0)115 9440630

Email: sales@airospring.com

Distributed in the UK by Polymorit

Tel: 0330 660 0125

Email: sales@polymorit.com



**Airospring
Medical**

**Burr Lane
Ilkeston
Derbyshire
DE7 5JD
UK**

www.airospring.com