

Mattresses & Pads



IT'S WHAT IS ON THE INSIDE THAT REALLY MATTERS

WWW.DENYERS.COM.AU



PROUDLY MADE IN AUSTRALIA

DENYERS
INTERNATIONAL

Denyer OR Mattresses

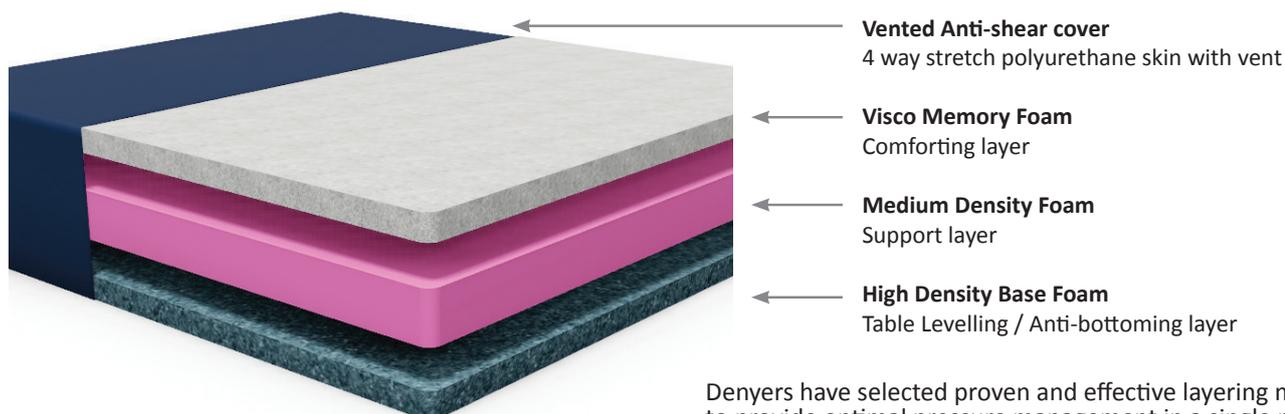
Denyers mattresses are available as either moulded slow recovery self-skin polyurethane or multi-layer viscoelastic foam within a thermo-sealed flexible cover - the "Visco" mattress.

They can be custom made to suit any operating table or requirement.

VISCO HEAT-SEALED MULTI-LAYER

The "Visco" range is constructed from multiple layers of viscoelastic foam which is designed to disperse pressure at the points most at risk of injury. These layers are chosen and laid methodically to acquire the perfect balance between comfort and pressure relief ensuring the mattress will never bottom out.

Optimal pressure management requires a mattress that is effective in four main support functions:



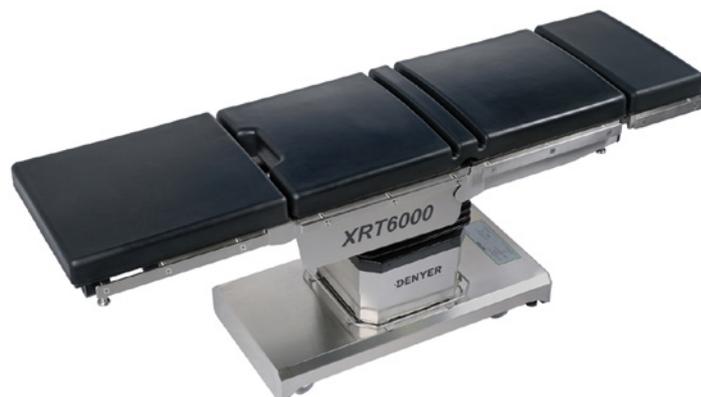
Denyers have selected proven and effective layering materials to provide optimal pressure management in a single mattress.

The Denyers Visco is a perfect example of how these key attributes are brought together as a complete pressure management solution for your operating theatre. Supported by state of the art pressure mapping we can demonstrate excellence in all these key areas, making the Denyers Visco mattress the answer to minimising Operating theatre acquired Decubitus pressure sores.

The 3 foam layer system gives significantly reduced pressure readings of up to 50% on standard mattresses and give substantial protection against decubitus ulcers for varying body weights and key high pressure areas. The seams are heat-sealed to prevent fluid ingress and mattresses are fitted with a one-way valve to assist with pressure relief and the escape of compressed air which would compromise the foam's effectiveness.

MOULDED POLYURETHANE

The moulded range is available for all Denyer XRT series operating tables, with separate head and leg sections and a single, hinged, centre section. They are all 70mm thick, constructed of self-skinning slow recovery polyurethane and fix to the operating table with either Velcro® or mushroom-shaped domes that plug into the underside of the mattress and eliminate the use of Velcro®.



Pressure Care

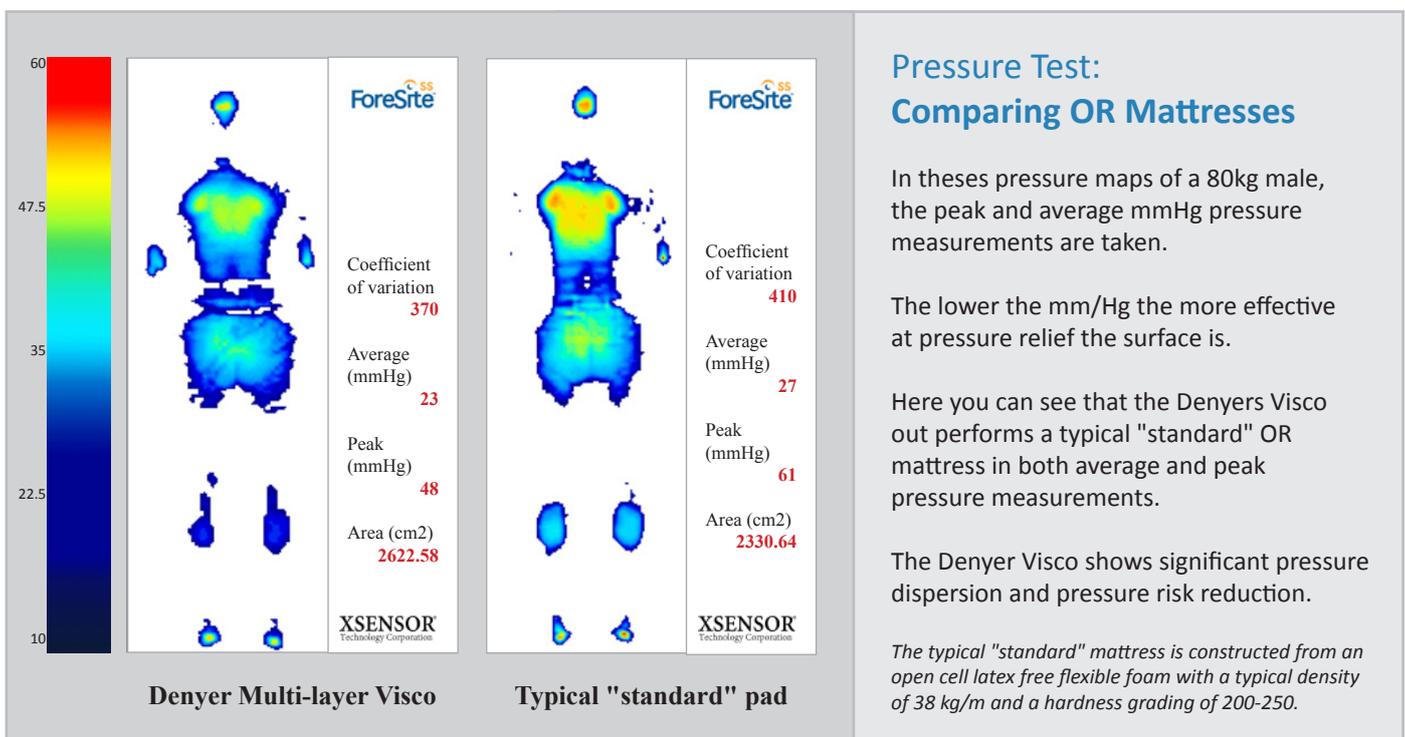
Denyers have sophisticated pressure mapping equipment which is used to ensure all mattresses give the maximum possible pressure distribution.

As well as using this equipment in our product design, we can bring the pressure mapping equipment on site to scientifically measure your current products and discuss any improvements that could be made.

Why focus on patient positioning & pressure relief?

With pressure sores on the rise, patient comfort and pressure off-loading is becoming a high focal point in optimising patient outcomes in the operating theatre. Pressure ulcers are often not evident for up to two days after surgery.

Healthcare professionals are implementing new prevention initiatives for pressure injury prevention and the most relevant place to start, is at the table surface itself. This movement is being driven by a surge in recent research pertaining to pressure injuries, of concern is the 23% of all hospital-acquired pressure injuries happen in the operating room.



What the pressure readings mean

The key measurements to focus on are the Peak mmHg and Average mmHg pressure measurements.

The peak is the highest pressure recorded while mapping. These peak pressures are also indicated in red on the map which under close inspection reveals the degree of pressure risk over time.

The Average is the average pressure across the area mapped.

With studies showing that risks of pressure ulceration can develop quickly from the 1 hour mark, optimal pressure relief will retain low peak and average pressures readings while the map retains cool colouration with peaks not breaching red. The hotter colours and surface areas they cover reveal potential risk and the need to evaluate current pressure relieving mattress.

How does your OR mattress perform?

Take advantage of our FREE on site Pressure Audit service

Find out how your current mattress performs under various positions and support accessories, and discover how you can optimise the pressure relief for various procedures and patient positions.

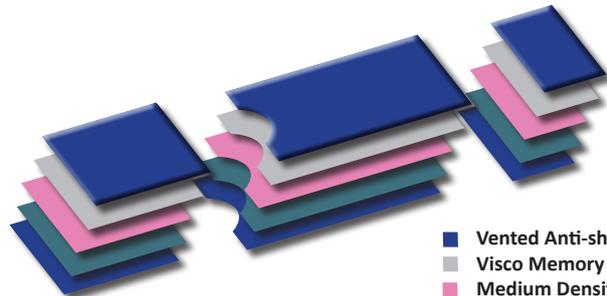
Free call: 1800 336 937 (Australia)

Toll free: 0800 336 9377 (New Zealand)

Denyer Table Pads

VISCO - MEMORY FOAM

3 Layer Foam system for pressure relief with anti-shear dark blue skin. Available in 50mm, 75mm or 100mm thickness.



- Vented Anti-shear cover
- Visco Memory Foam
- Medium Density Foam
- High Density Base Foam
- Polyurethane base cover

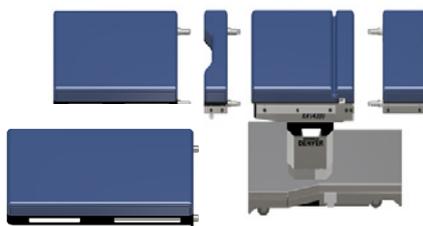
DENYER XRT4000, XRT5000, XRT6000 TABLES



MOULDED VISCO

	MAT/2048NP	Complete table set, no perineal cut-out
MAT/2040SM	MAT/2048SM	Complete table set, small perineal cut-out
MAT/2040LG	MAT/2048LG	Complete table set, large perineal cut-out
MAT/2040-H	MAT/2048-H	Head section only
	MAT/2048-CNP	Centre section only (no perineal cut-out)
MAT/2040-CSP	MAT/2048-CSP	Centre section only (small perineal cut-out)
MAT/2040-CLP	MAT/2048-CLP	Centre section only (large perineal cut-out)
MAT/2040-L	MAT/2048-L	Leg section only

DENYER XRT4200 - GYNAE/URO CONFIGURATION



MOULDED VISCO

MAT/2046	MAT/2047	Complete table set, no perineal cut-out
MAT/2040-H	MAT/2048-H	Head section only
MAT/2046-C	MAT/2047-C	Centre section only
MAT/2072CM	MAT/2072C	Urology Extension
MAT/2046-RB	MAT/2047-RB	Removable back section
MAT/2040-L	MAT/2048-L	Leg section only
	OTA/4055C	Lightweight leg extension (4200,4000,5000,6000)

DENYER XRT2000, XRT3000, XRT3500 TABLES



MOULDED

Slow recovery foam with moulded integral skin

VISCO - MEMORY FOAM

3 Layer Foam system for pressure relief with anti-shear skin. No perineal cut-outs.

MAT/2050	MAT/2052NP	Complete table set, no perineal cut-out
MAT/2050-H	MAT/2052-H	Head section only
MAT/2050-C	MAT/2052-CNP	Centre section only, no perineal cut-out
MAT/2050-L	MAT/2052-L	Leg section only

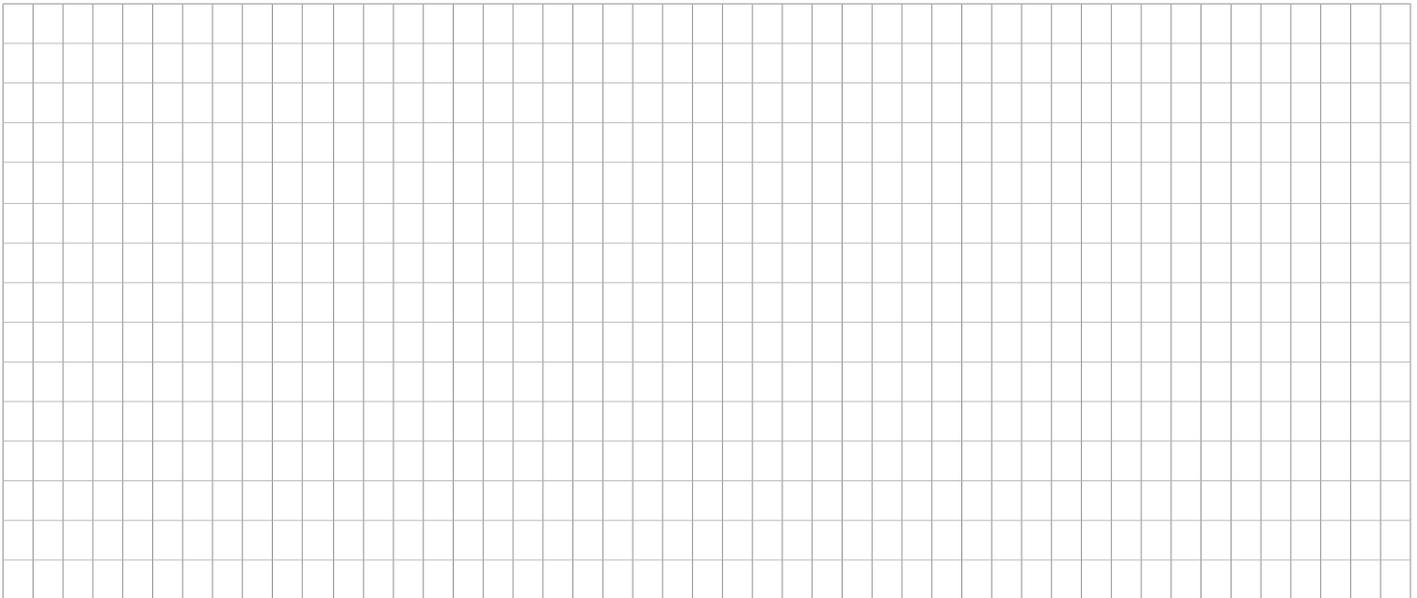
Made to measure mattress



MADE TO MEASURE AND CUSTOM MATTRESSES

Visco mattresses with fully sealed seams are available in 50mm, 75mm and 100mm thicknesses for all Denyer operating tables as well as Eschmann, Steris, Maquet, Skytron, Mizuho etc, and we can make to measure for your specific requirement.

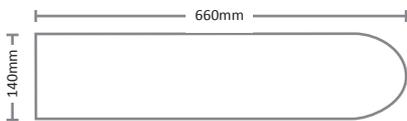
Use the grid below to draw the layout of the custom mattress you require. Don't forget to add measurements & thickness required. See back pages for typical Operating table mattress dimensions.



Custom cushions & made to measure

CUSTOM CUSHIONS AND UPHOLSTERY

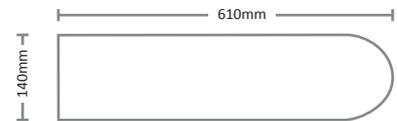
Denyers have on-staff upholsterers and can provide most support and cushioning products required on an operating table. This includes arm board pads, leg extensions, lateral brace pads, etc. Below are some typical arm board layouts/sizes.



Fits most armboard models:
Allen Berchtold Denyer
Eschmann Schaerer Siemens
Steris Trumpf



Fits most armboard models:
Allen Berchtold Denyer
Eschmann Schaerer Siemens
Skytron Steris Trumpf



Fits armboard models:
Getinge
MDT
Maquet

Use these diagrams to illustrate your custom requirement.

Arm board make/model: _____

Length: _____ Width: _____

Height: _____ (pad depth required)



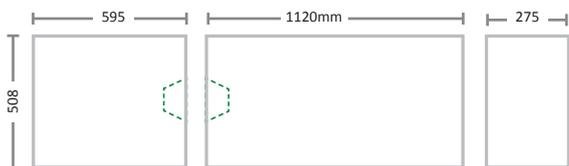
Please contact our sales support team with your specific requirements and we will assess and quote.

Contact: sales@denyers.com.au

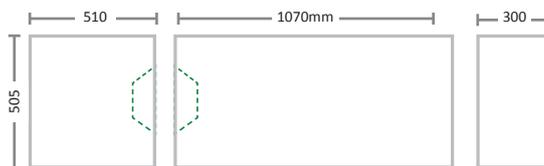
Visco pads for other brands

Denyer can manufacture Visco mattresses with fully sealed seams in 50mm, 75mm and 100mm thicknesses for all operating tables including Eschmann, Steris, Maquet, Skytron, Stryker, Trumpf, Mizuho etc, and we can make to measure for your specific requirement. Below are some samples of mattress configurations and measures for various operating table makes and models.

STERIS | 4085/C-MAX

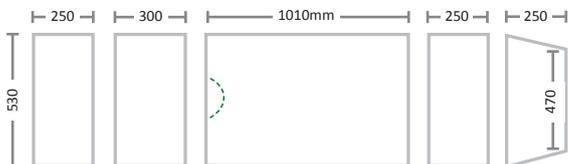


STERIS | 3080/3085



- Please select:
- Perineal in mid trunk
 - Perineal lower trunk
 - No Perineal
 - 50mm
 - 75mm
 - 100mm
- Thickness

MAQUET | ALPHAMAXX

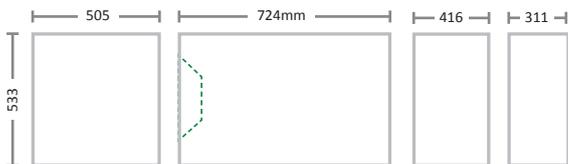


MAQUET | ALPHASTAR

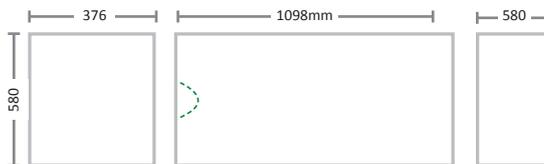


- Please select:
- Perineal in mid trunk
 - Perineal lower trunk
 - No Perineal
 - 50mm
 - 75mm
 - 100mm
- Thickness

STRYKER | BERCHTOLD 850

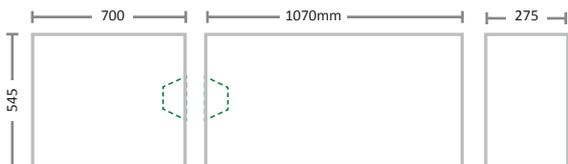


ESCHMANN | T10/T20

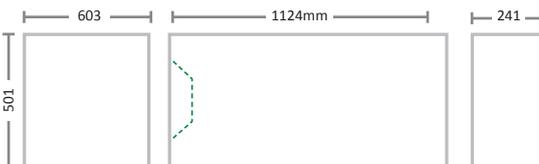


- Please select:
- Perineal in mid trunk
 - Perineal lower trunk
 - No Perineal
 - 50mm
 - 75mm
 - 100mm
- Thickness

TRUMPF | TRUSYSTEM 7/7500

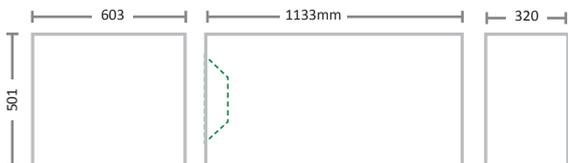


SKYTRON | 3500 SERIES

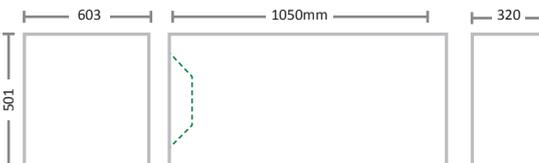


- Please select:
- Perineal in mid trunk
 - Perineal lower trunk
 - No Perineal
 - 50mm
 - 75mm
 - 100mm
- Thickness

SKYTRON | 3600 SERIES



SKYTRON | 6700 SERIES



- Please select:
- Perineal in mid trunk
 - Perineal lower trunk
 - No Perineal
 - 50mm
 - 75mm
 - 100mm
- Thickness

To compliment the Denyer range of mattresses, are the Alto and Astrus Elite range of mattress and arm board pads from Allen Medical.

ASTRUS ELITE™ SURFACE



The Astrus Elite and Astrus Elite Silver™ Surfaces have a 4-layer foam composite construction that protects patients four ways. A top layer of conforming foam moulds to your patients' anatomy. The pressure displacement foam middle layer transfers pressure off the bony prominences with a closed cell foam bottom layer. The anti-shear cover protects patient's skin.

Astrus surfaces are available in 7.6cm, 10cm & 12.7cm thicknesses

Patient Care

Genesis Bi-Wing AAP®

A Complete Patient Positioning Solution for Trendelenburg and Beyond!

Key features

- Only system allowing adjustment of patient and pad as a single, secure unit.
- Team lift Base supports up to 227kgs and has 8 bilateral handles for moving any patient.
- The unique Bi-Wing utility allows 100% pad to skin contact, improving the efficacy of positioning traction needed for acute surgical table angles up to 30-40 degrees of Trendelenburg
- Multipoint, 360° fixation ensuring patient stability in Trendelenburg and lateral positions.

1. Secure Genesis to OR table using velcro straps around rail



2. Position patient on unfolded pad, enclose arms in bi-wings



3. After intubation the patient can be lifted, re-positioned then secured for trend



The Genesis was developed to improve and evolve patient handling and positioning processes. Current foam, gel, or beanbag systems, are historically tethered to a fixed point on the surgical table, this forces providers to choose initial placement of the patient on the surgical table, especially when the lithotomy surgical position is required.

Airway access needed for safe anaesthesia care and laryngoscopy is often compromised when patients are positioned lower on the surgical table, simply because it's very difficult and unsafe to lift a heavy anaesthetised patient 7-14 inches on average to lithotomy.

The Genesis and Hadron systems are the only modular positioning systems on the market, allowing providers to lift both patient and pad to those different landmarks on the surgical table required for procedural care.

The Hadron FPLS®

Foam pad lift system for trendelenburg and beyond

Only system allowing adjustment of patient & pad as a single, secure unit.

Key Features

- First Modular Viscoelastic Foam trendelenburg system
- Team lift Base supports up to 227kgs.
- 8 bilateral handles for moving any patient.
- Perfect for non-arm abducted Trendelenburg positioning.
- Innovative anti slip technology eliminates Velcro fixation to surgical rail systems



How does this product benefit the surgical team and aid in better outcomes?

The Hadron FPLS provides a safer alternative to lifting patients during the facilitation of lithotomy positioning/Trendelenburg procedures. It's the only modular handled system available on the market, with a lift capacity of 227kgs.

The Hadron system allows providers to lift both pad and patient into lithotomy. The skin to pad contact is optimised for maximum traction.

Each kit includes a chest strap, chest pad, and optional draw sheet to give providers the accessories needed for high reliability.

Visit www.denyers.com.au for more information



EXCELLENCE SINCE 1889

Since its inception in 1889, Denyers has always followed the same philosophy—to produce the highest quality product range without compromise and to be leaders in their design and manufacture.

Denyers have a historical commitment to excellence and product life, which in turn ensures lifetime protection for the customer's investment. With 130 years of service to the medical profession, Denyers have always listened to their customers' wants and needs and this is why Denyers have become the leader in our chosen field.

Today Denyers is small enough to be flexible yet large enough to implement change quickly with a constant eye on the user's benefits and an unwavering policy of engineering excellence.

Denyers are certified to ISO9001 & ISO13485 by SGS

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