Polyair® Cushion

Pneumatic two compartment air-cell cushion

SYSTAM AUSTRALIA

The Polyair® cushion with pneumatic air-cells is best suited to larger, less active patients with very limited mobility who are at a higher risk of developing, or have already developed pressure ulcers.

Features	Benefits
Effective and ergonomic	Ensures maximum user contact with the seating surface by rapidly moulding and adjusting itself to the user, with the help of its internal air channel ventilation, resulting in the prevention of pressure ulcers in high risk areas and assisting in healing previously formed ulcers.
Cushion Construction	A durable cushion manufactured through a dipping process and made from Laxprene® making the cushion supple and adaptable, with a progressive reaction to inflation, tear resistant and flexible. The honeycomb layout optimises the density of air cells, improves the contact surface and pressure distribution.

Adapts to all body types
As a result of its internal air channel ventilation

Cell independence and mobility
Enables effective counteracting of shearing and ensures even pressure in all compartments

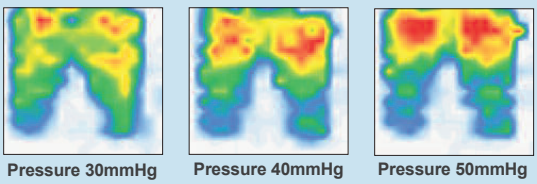
Protects against tissue breakdown and maceration
Circulation channels result in improved ventilation

Air cells cushion
16 to 25 cells

A cushion manufactured through compression process

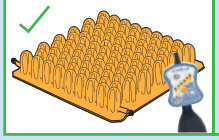
-A tendency to harden when inflated

-Greater thickness



Pressure 30mmHg | Pressure 40mmHg | Pressure 50mmHg

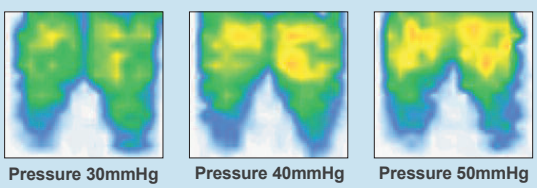
Polyair®
30 cells



A cushion manufactured through the dipping process

-Flexible and elastic to touch

-Adaptable with a progressive reaction to inflation



Pressure 30mmHg | Pressure 40mmHg | Pressure 50mmHg

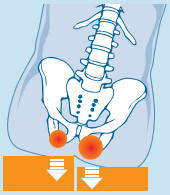
Polyair® cushion

Two compartments or Single compartment

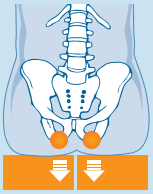
All POLYAIR® cushions feature dual compartments (left and right) which act independently from each other. With the included manometer and pressure guide chart, they can be inflated at equal or different pressure levels.

This design is particularly useful in rectifying pelvic imbalances whilst offering greater stability and comfort.

For situations not requiring posture correction.



Pelvic Imbalance

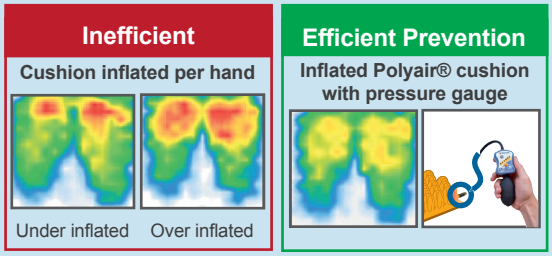


Rebalancing Improves stability and position

Electric measuring and adjustment system

A lighter, more ergonomic pressure gauge completely designed and specially produced for the Polyair® cushion. Fully electronic, the measuring system is extremely accurate and specifically calibrated to measure the micro-pressures inside the POLYAIR® cushion.

An over-inflated or under-inflated cushion can lead to pressure ulcers and since the inflating variations inside of each compartment cannot be detected by touch, the sole way to inflate the air cells properly is to use a pressure gauge manometer as it takes the users weight and contact with the surface into consideration.



The cover

The removable polymaille® cover with an anti-slip base is manufactured from impermeable material which is permeable to steam and air. The cover reduces the effects of maceration through easing the skin respiration.

The side eyelets enable the valves to be pushed inside the cushion after inflating. Most importantly they facilitate the flow of air between the inside and outside of the cover this helps ventilate the cushion.

Technical Specification

Cushion model	Height	Number of Sizes	Max Weight Capacity
Dual Valve High Profile	10 cm	8	270 Kgs
Dual Valve Low Profile	60 cm	8	270 Kgs
Single Valve High Profile	10 cm	3	140 Kgs
Single Valve Low Profile	60 cm	3	140 Kgs

Risk category: Very High

Warranty: 2 years

Cleaning of the cover:

Cleaning of foam: Do not immerse in water

Distributor:

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