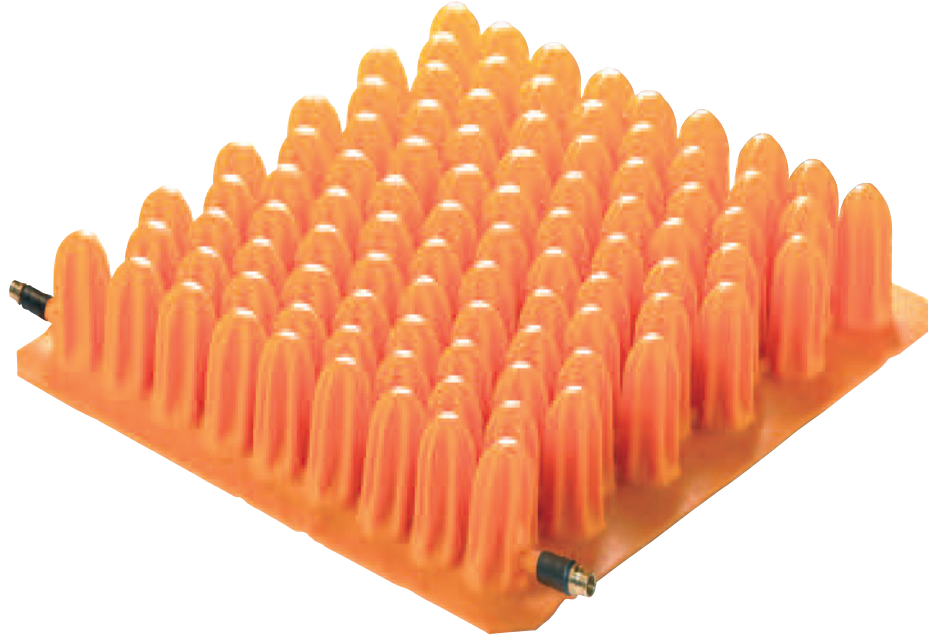


Polyair® 100 Cushion

Pneumatic two compartment air-cell cushion



The **Polyair® 100 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
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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.



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



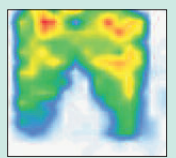
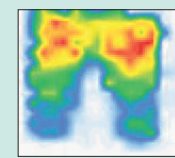
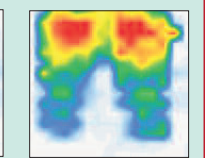

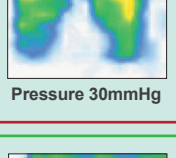
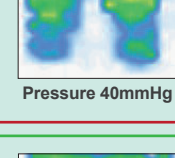
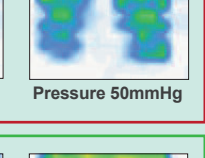
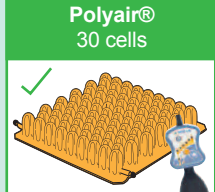
Cell independence and mobility
Enables effective counteracting of shearing and ensures even pressure in all compartments



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

Cushion Construction

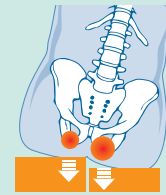
A durable cushion manufactured through a dipping process and made from Laxprene® making the cushion supple and adaptable, with a progressive reaction to inflation, tear resistant and flexible. The honeycomb layout optimises the density of air cells, improves the contact surface and pressure distribution.

<p>Air cells cushion 16 to 25 cells</p>	<p>A cushion manufactured through compression process</p>	 <p>Pressure 30mmHg</p>	 <p>Pressure 40mmHg</p>	 <p>Pressure 50mmHg</p>
	<p>-A tendency to harden when inflated -Greater thickness</p>			
<p>Polyair® 30 cells</p>	<p>A cushion manufactured through the dipping process</p>	 <p>Pressure 30mmHg</p>	 <p>Pressure 40mmHg</p>	 <p>Pressure 50mmHg</p>
	<p>-Flexible and elastic to touch -Adaptable with a progressive reaction to inflation</p>			

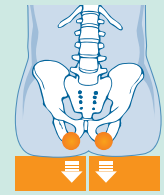
Two compartments

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.



Pelvic Imbalance

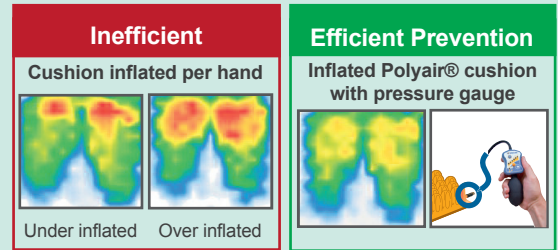


Rebalancing Improves stability and position

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.



The Polyair® 60 cushion is only available with the orange and black POLYMAILLE® cover

Technical Specification

UHC Product code	SYST'AM® Product code	Cushion Dimensions	Max User Weights
USYC101616OB	P302C40401HW	40 x 40 x 10cm / 15¾ x 15¾ x 4"	80 kg / 12½ stone
USYC101617OB	P302C40431HW	40 x 43x 10cm / 15¾ x 17 x 4"	90 kg / 14 stone
USYC101618OB	P302C40461HW	40 x 46 x 10cm / 15¾ x 18 x 4"	120 kg / 19 stone
USYC101717OB	P302C43431HW	43 x 43 x 10cm / 17 x 17 x 4"	110 kg / 17 stone
USYC101816OB	P302C46401HW	46 x 40 x 10cm / 18 x 15¾ x 4"	120 kg / 19 stone
USYC101818OB	P302C46461HW	46 x 46 x 10cm / 18 x 18 x 4"	140 kg / 22 stone
USYC102018OB	P302C51461HW	51 x 46 x 10cm / 20 x 18 x 4"	160 kg / 25 stone
USYC102020OB	P302C51501HW	51 x 51 x 10cm / 20 x 20 x 4"	180 kg / 28½ stone

Risk category: Very High

Warranty: 2 years

Cleaning of the cover:



Cleaning of foam:

Do not immerse in water

