

Polyair® Cushion

Pneumatic two compartment air-cell cushion



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 | | | | | | | | | | |
|--|--|--|--|------------------------|------------------------|------------------------|-------------------------------------|--|------------------------|------------------------|------------------------|
| <p>Effective and ergonomic</p> | <p>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.</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="336 1350 416 1435"> <p>Adapts to all body types As a result of its internal air channel ventilation</p> </div> <div data-bbox="683 1350 762 1435"> <p>Cell independence and mobility Enables effective counteracting of shearing and ensures even pressure in all compartments</p> </div> <div data-bbox="1102 1350 1182 1435"> <p>Protects against tissue breakdown and maceration Circulation channels result in improved ventilation</p> </div> </div> | | | | | | | | | | |
| <p>Cushion Construction</p> | <p>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> <table border="1" style="width: 100%;"> <tr> <td data-bbox="336 1581 549 1787"> <p>Air cells cushion 16 to 25 cells</p> </td> <td data-bbox="549 1581 906 1787"> <p>A cushion manufactured through compression process</p> <ul style="list-style-type: none"> -A tendency to harden when inflated -Greater thickness </td> <td data-bbox="906 1581 1075 1787"> <p>Pressure 30mmHg</p> </td> <td data-bbox="1075 1581 1244 1787"> <p>Pressure 40mmHg</p> </td> <td data-bbox="1244 1581 1461 1787"> <p>Pressure 50mmHg</p> </td> </tr> <tr> <td data-bbox="336 1798 549 2007"> <p>Polyair® 30 cells</p> </td> <td data-bbox="549 1798 906 2007"> <p>A cushion manufactured through the dipping process</p> <ul style="list-style-type: none"> -Flexible and elastic to touch -Adaptable with a progressive reaction to inflation </td> <td data-bbox="906 1798 1075 2007"> <p>Pressure 30mmHg</p> </td> <td data-bbox="1075 1798 1244 2007"> <p>Pressure 40mmHg</p> </td> <td data-bbox="1244 1798 1461 2007"> <p>Pressure 50mmHg</p> </td> </tr> </table> | <p>Air cells cushion 16 to 25 cells</p> | <p>A cushion manufactured through compression process</p> <ul style="list-style-type: none"> -A tendency to harden when inflated -Greater thickness | <p>Pressure 30mmHg</p> | <p>Pressure 40mmHg</p> | <p>Pressure 50mmHg</p> | <p>Polyair® 30 cells</p> | <p>A cushion manufactured through the dipping process</p> <ul style="list-style-type: none"> -Flexible and elastic to touch -Adaptable with a progressive reaction to inflation | <p>Pressure 30mmHg</p> | <p>Pressure 40mmHg</p> | <p>Pressure 50mmHg</p> |
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Two compartments or Single compartment

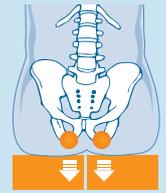
All POLYAIR® cushions feature dual compartments (left and right) which act independently from each other. With the included manometer and pressure guide chart, they can be inflated at equal or different pressure levels.

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

For situations not requiring posture correction.



Pelvic Imbalance

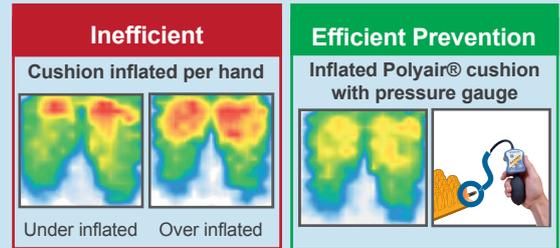


Rebalancing Improves stability and position

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

