

Flexigel CUSHIONS

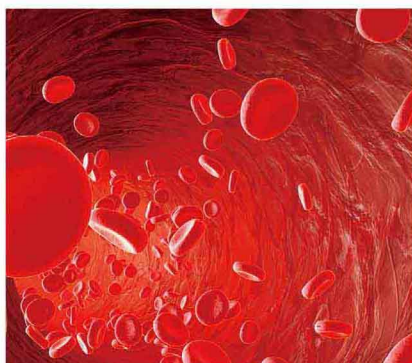
- 1 Gel cushion has a dual pressure dispersion structure with Multi-Layer Honeycomb Technology, which disperses the pressure on the hips and thighs and steadies the blood flow.
- 2 By using world patent pending Air Cell-Beta Gel material, not silicone material, the Gel cushion has excellent restoring force and resilience.
- 3 The double-structured Air Cell-Beta Gel provides a pleasant sitting feeling with excellent breathability and is especially recommended patients and people who are prone to acquiring bed-sores.
- 4 The CQ-1000 Non-Slip technology is applied to the base of the cover to prevent it slipping thereby preventing slippage that in turn causes slouching while in the chair.
- 5 The cover is removable and washable up to a temperature of 80°C. The cushion is washable using water.



Excellent air permeability



Pressure dispersion

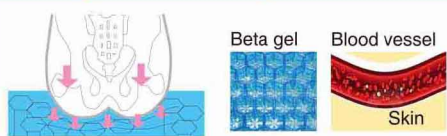


Body pressure dispersion

We have applied world patent pending Multi-Layer Honeycomb Technologies and Beta-Gel materials. Pressure is dispersed away from the hip and thigh regions creating a comfortable surface to sit on and maintain good posture for long periods of time.

Worldwide patented Dual Honeycomb & Air Cell-Beta Gel technology

Beta gel with dual honeycomb structure



Air Cell-Beta Gel disperses the pressure and it comforts users and helps maintain steady blood circulation.

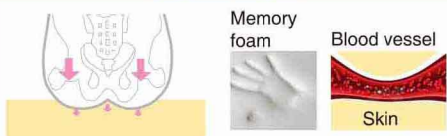
What is the worldwide patented Dual Honeycomb & Air Cell-Beta Gel?

The Dual Honeycomb structure is a geometric hexagonal shape, which has been developed through tens of thousands of 3D stimulations. Observing force tolerances before collapse or Column-Buckling analysis a determination is made on an accurate level for human loads. It is a worldwide patent-pending technology.

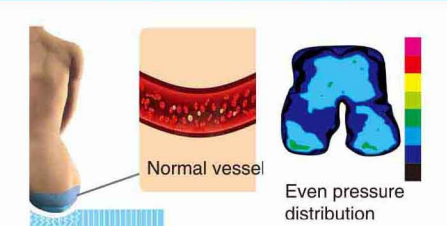
Air Cell-Beta Gel, a new material with high density and high elasticity

Air Cell-Beta Gel is a new material that combines the advantages of latex and memory foam. The Dual Honeycomb structure boasts excellent elasticity and resilience properties. The benefits achieved include optimal pressure dispersion and absorption against impact and vibration. The material helps to prevent the skin and blood vessels from being crushed and distorted by dispersing pressure away from the hip and thigh regions. In addition, each air cell is porous providing a comfortable surface to sit on while maintaining a high level of breathability.

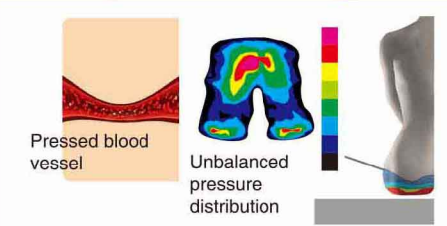
Memory foam



When sitting on the Flexigel



When sitting on the fabric or memory foam seat



What is the Multi-Layer Honeycomb Technology?

The world patented technology has been developed through structurally engineered modelling to create the optimal amount of material rigidity required to bear load up until a point. Beyond that critical juncture collapse occurs. At the trigger point you get the offloading of pressure.

Beta gel material

Beta Gel is a combination of skin safe oil as used in the cosmetic industry, a polymeric material and gel elastomer.

Beta Gel disperses pressure and absorbs impact and vibration with high elasticity and resilience measures.

The result is a highly durable product that is tear resistant and maintains form at temperatures up to 70°C. Water cleans away the soiled areas, keeping the cushion fresh for the user.