Lumbar Supporter Cushion

Product Introduction
Aug. 2018 Ver.1
By correcting user’s sitting posture, it improves concentration of students and work efficiency of office workers.
BalanceOn Lumbar Supporter Cushion is not an option, it’s “must”

“1 out of 7 people suffers ‘Lumbar disc disease’”

“Patients rate was increasing by 7.6% for 4 years”

- A result of Big data analysis of Seoul Nat’l Univ. Hospital

“Lumbar disc disease” is fatalistic to the modern people!

Wrong posture causes decreasing concentration(busy brain),
chronic fatigue as well as neck and back pains
Features & Effects of Lumbar Supporter Cushion

**Pleasant sitting by the Air-Pumping effect**
By Air-Pumping effect which reacts to minute movement while sitting, it maximizes the air permeability and provides comfortable sitting through dispersing the pressure at the Lumbar.

**Ergonomic design to fit a body**
Based on the test result and consultation by **KRISS** (Korea Research Institute of Standards and Science), the most ideal design of BalanceOn Lumbar Supporter Cushion was created.
Features & Effects of Lumbar Supporter Cushion

- **Ergonomic Design by “State- Authorized Laboratory”**
- **Keep right sitting posture even long time sitting**
  - Functional The Lumbar - Supporting cushion
- **Air-Permeability Up!**
  - Honeycomb Air-holes
- **Maximize body pressure dispersion**
  - Double layers Honeycomb
  - Air-Cell Veta-Gel™
- **Support the spine by acupressure effects**
  - Lumbar Point
- **Elastin Mesh-Cover for maximizing Air-Permeability**
**Structure of Lumbar Supporter Cushion**

- **Honeycomb Air Holes**
  - 9 Honeycomb Air Holes for enhancing Air Permeability

- **Lumbar point**
  - Lumbar Points to support the spine by the acupressure effects

- **Air-Cell Veta-Gel**
  - Double layers technology grafted “High Elasticity Special Polymer Air Cell Veta-Gel” as the innovative new material
  - Body pressure dispersion effect
  - Air pumping effect

- **Elastin Mesh Cover**
  - Elastin Mesh Cover made of optimum material for Air permeability and pressure dispersion

- **High grade Memory Foam**
What is VETA-GEL?

- It is **99.9% antibacterial** high elasticity special polymer combined with the skin irritation free safe oil which used in cosmetic and patented **double layers honeycomb** structure.

- Excellent elasticity and elastic restoring properties of VETAGEL disperse pressure forced by weight and absorbs external impacts and fine vibrations.

- The Air-Pumping effect by respective Air-Cell in hexagonal pillar which keeping air bound of Double layers Honeycomb VETAGEL is naturally discharging the old(warmed)air and inhaling fresh air by movement of body.

- Heat stability up to 70°C without shape change
**What is Double layers Honeycomb?**

**Double-Layer Honeycomb Technology?**

It is patented new technology combines a double layers pressure dispersion structure having thin layer for hip and thick layer for the bottom and the optimal hexagonal structure developed by thousands of 3D test with honeycomb technology for withstanding weigh (Buckling & Compression) of building in architectural engineering.

* Honeycomb technology is applied to F1 Machine and High Speed Train as well as building for withstanding the weight
What is Air Pumping effect?

※ Fresh air comes into the cell again

VETAGEL’s air pumping effect
Premium Cover

The Band is upgraded to Thicker and higher elasticity.

High-Elasticity Fixing Band
The high-elasticity fixing band which fixes BalanceOn Lumbar Supporter Cushion to the chair prevents slip and elevates the product design by utilizing its unique color of “BalanceOn”.

Cover fabric is upgraded to an Air-Mesh cover to increase its Friction coefficient. It prevents slip and helps make right posture.

Air-Mesh cover is washable.
• Name of goods: BalanceOn Lumbar Supporter Cushion
• Patent: Veta-Gel having Multi-layer Honeycomb Structure
• Material:
  - Inner: Air cell Veta-gel (Elastomer), Memory Foam
  - Cover: Polyester 100%
• Color: Cover - Grey / Band - Mint
• Dimension: 385mm x 320 (± 5mm)
• Q’ty per carton: 4pcs
THANK YOU FOR YOUR ATTENTION!