Outlast enlarges product range

New: PCM fiber balls

Outlast Technologies, market leader for temperature regulating phase change materials (PCMs), enlarges its product range with climate regulating fiber balls which can be used in bedding.

The PCM fiber balls based on polyester offer besides PCM waddings a new possibility to balance temperature in duvets or pillows and to reduce humidity significantly while sleeping. The new PCM fiberfill manages the climate inside the bed proactively and reduces sweat production right from the beginning, so less humidity is created inside the bed which leads to more comfort and a better night’s rest.

The new PCM filling material is suited for bedding products with synthetic fillings. The fiber balls are very cuddly and soft and easy to handle. Outlast offers manufacturers a new option also to work with other filling systems.

Outlast® technology

Outlast® technology was originally developed for NASA to protect astronauts from temperature fluctuations in space. Outlast® technology utilizes phase change materials (PCM) that absorb, store and release heat for optimal thermal comfort. Outlast® technology is comparable to ice in a drink; as it changes from solid to liquid, it absorbs heat and cools the drink, keeping that drink at the desired temperature for a longer period of time. Outlast® phase change materials work in the same way. The PCMs have the capacity to absorb, store and release excess heat. This gives any product containing Outlast® technology the ability to continually regulate skin’s microclimate. As the skin gets hot, the heat is absorbed, and as it cools, that heat is released.

Outlast® technology is not wicking technology, which manages moisture by reacting to your sweat and pulling it away from the skin. Outlast® technology will proactively manage heat while controlling the production of moisture before it begins. That’s the Outlast® difference. The benefits of Outlast® products at a glance:

- Absorbs excess body heat
- Manages moisture
- Reduces overheating
- Reduces chilling
- Reduces perspiration
- Continuously adapts to thermal changes
In times where competition is getting tougher, Outlast offers a true, winning benefit to its customers and retailers. They are able to offer an added value that improves comfort in the sleeping environment as well as increase the attractiveness of their line of goods. Experience has shown that PCM products have great sell-through and can drive an increase in sales. For more information, come to Outlast in hall 8.0, stand D 74 or visit the following Outlast® licensees at Heimtextil, January 8-11, 2014 in Frankfurt/Germany:

- Abell: Hall 8.0, Stand C 60
- Balette: Hall 8.0, Stand D 80
- Billerbeck: Halle8.0, Stand A 31
- Dobena: Hall 8.0, Stand A 73
- OBB: Hall 8.0, Stand D 80
- Quilts of Denmark: Hall 8.0, Stand G 81
- Sleepwell Kauffmann: Hall 8.0, Stand F 69
- Traumina: Hall 8.0, Stand D 84
- Velamen: Hall 8.0, Stand A 50

Outlast

Outlast Technologies LLC, a privately held U.S. corporation, is the worldwide leader in phase change materials and applications. Outlast® technology is the heat management technology originally developed for NASA that enables any textile to absorb, store and release heat. Outlast® technology pro-actively responds to changes in skin temperature to manage heat and reduce moisture for everyday comfort.

For over 20 years, Outlast has been committed to the development of new fibers, fabrics and coatings incorporating phase change materials, expanding the use of Outlast® technology across more than 300 brands and a multitude of products in apparel, footwear, bedding, packaging and labels, and accessories. For more information, please visit www.outlast.com.

Outlast®, Thermocules™ and ...not too hot ...not too cold ...just right™ are trademarks of Outlast Technologies LLC.

137 words
Pictures: Outlast® fiber balls

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Outlast enlarges the product range with climate regulating PCM fiber balls which can be used as filling material for bedding.

Photo: Outlast Technologies

**Picture 1**
Outlast® products can absorb excess heat, so the body doesn’t have to start sweating to achieve cooling. Outlast® technology is proactive and extremely hygienic: the production of sweat is reduced before it begins.

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**Picture 2**
Outlast® products can absorb excess heat, so the body doesn’t have to start sweating to achieve cooling. Outlast® technology is proactive and extremely hygienic: the production of sweat is reduced before it begins.