



NEWS RELEASE

## OUTLAST TECHNOLOGIES EXPANDS LABORATORY

*Remodeled workspace allows for increased research and development capacity and testing of licensee products*

**Boulder, CO** - December 1, 2011— Outlast Technologies, the leader in heat management and moisture reduction technology, has expanded the laboratory at its corporate headquarters in Boulder, CO, to allow for additional research and development (R&D) initiatives and quality control testing.

Outlast® technology was originally developed for NASA to protect astronauts from temperature fluctuations in space. Outlast® Phase Change Materials (PCMs) absorb, store and release excess body heat, to manage moisture, continuously adapt to thermal changes, as well as reduce overheating, chilling and perspiration.

Outlast's state of the art facility is home to research activities designed to advance Outlast® temperature regulating technology through the development of new formulations and enhancements of existing applications. Outlast also uses it to test all fabrics under development from licensees, including samples from production runs, to ensure that each product has enough heat storage capacity to carry the Outlast® brand.



The new lab was expanded to allow for additional R&D capabilities and testing.

“The expansion of our lab allows for increased capabilities to test and certify new fibers, yarns and textile applications manufactured by our licensees,” said Mark Hartmann, technical director of Outlast Technologies North America. “It’s a great indication of the partnerships we’ve forged to bring more products to market with Outlast® technology and increase consumer awareness on the benefits of proactive, temperature regulating solutions.”

Outlast employs the highest standards on every line and continuously tests all products that contain Outlast® technology. All licensees must submit samples of fabrics and products for certification. Suppliers are certified throughout the supply chain to guarantee that the benefits of Outlast®

technology are being passed along to the consumer. A product must pass all phases of testing before a licensee can be certified to include the technology in its product.

### **Technology Highlights**

Depending on the end product and performance a licensee wants to obtain, applications could include coatings, in-fiber and Matrix Infusion Coating (MIC). Technology milestones include:

- Commercial development of viscose fiber and yarn with started in 2005.
- Matrix Infusion Coating was developed in 2007 for the active, casual and sportswear markets using cotton, compression and polyester fabrics.
- This year, Outlast introduced the world's first heat managing polyester fiber that aligns well with underwear and other products worn next to skin such as socks, t-shirts, shirts and trousers.

For more information on Outlast and the types of applications available, please visit [www.outlast.com](http://www.outlast.com).

### **ABOUT OUTLAST TECHNOLOGIES, INC.**

Outlast Technologies, Inc., 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 200 brands and a multitude of products in apparel, footwear, bedding, packaging and labels and accessories. For more information, please visit [www.outlast.com](http://www.outlast.com). Like us at [facebook.com/OutlastTech](https://facebook.com/OutlastTech) and follow us at [Twitter.com/OutlastTech](https://Twitter.com/OutlastTech).

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