

TRIAL FEEDBACK:

"Whilst trialling the sleep system, staff switched very quickly to using the 'cooling' version as the cooling qualities were much better for him in preventing heat and redness."

This client was provided with snoooooze elements for comparison, one with and one without the cooling cover.

"The verbal feedback from the clients support staff confirmed he benefited from using the snoooooze system and the 'cooling' option was better at regulating his skin temperature."

The client used the equipment over a period of 3 weeks.

UNSOLICITED FOLLOW UP COMMENT:

"I am delighted to report that the client C.T. whom you provided the cooling version of the 'W' leg trough to has seen a significant reduction in his seizure activity as he is over-heating much less now - I thought you would like to know this!"

CERTIFIED SPACE TECHNOLOGY

Originally designated a Certified Space Technology™ by the Space Foundation, a national non-profit organisation dedicated to promoting space endeavours.

The technology was originally developed for use in space gloves to protect against extreme temperature fluctuations. Currently it holds more than 96 patents with 59 pending. Over 300 brands in different countries use phase change materials in their products.

"The broad range of use of the material in consumer goods, from apparel to bedding, demonstrates an exceptional example of how mankind currently benefits from today's space technologies and how our future generations can leverage these successful endeavours, as well."



AMERICAN SOCIETY for TESTING and MATERIALS

Physiological tests demonstrate that the materials outperforms traditional materials. Further technical evidence that the dynamic thermal properties of the products are grounded in solid science can be found in the ASTM test procedure. The American Society for Testing and Materials (ASTM) approved a standard test procedure to measure the amount of heat retained in textile materials. Based on years of research and testing textiles containing "phase change materials" (PCMs) by the Manufacturer, and Prof. Dr. Douglas Hittle, Director Solar Energy Applications at Colorado State University, the first "Test Method for Steady State and Dynamic Thermal Performance in Textile Materials" (ASTM D7024) was established by the ASTM in June 2004.



snoooooze®
POSITION. COMFORT. REST.
thermal regulation

phase change materials (PCM), cool, absorb, store and release heat for optimal thermal comfort



The Caring Company

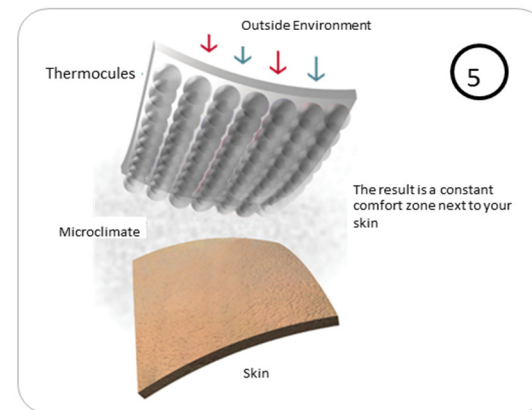
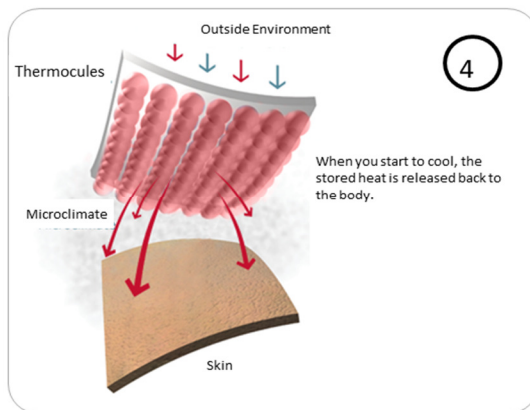
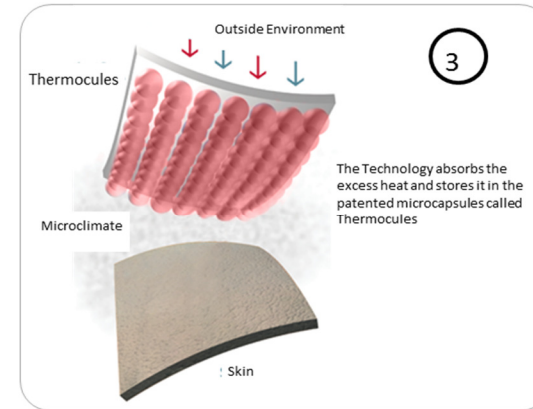
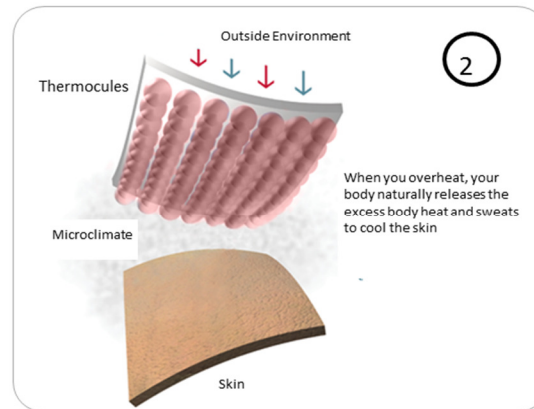
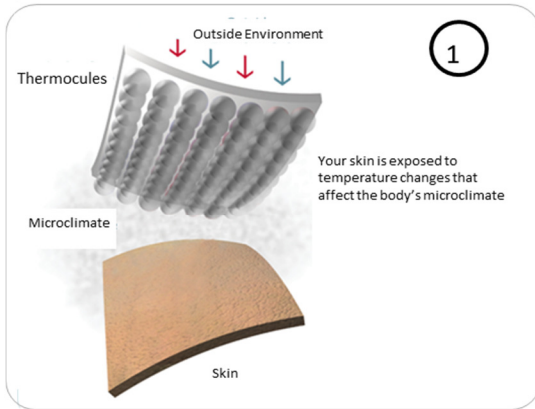
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PRESSURE MANAGEMENT
W LEG TROUGH OPTIONS
and T ROLL OPTIONS





snoooooze thermal regulation

POSITION. COMFORT. REST.

For the snoooooze sleep system the PCM layer is attached to a Towelling material and used as an outer cover. We offer two options for these Thermal Regulation covers.

1. By adding the 'cooling cover' over the existing Dartex to a standard product you benefit from the PCM technology as well as the established benefits of Dartex. This can be added retrospectively.

2. The standard outer Dartex cover can be replaced with the 'cooling cover'. The cost is loss of the properties delivered by the Dartex.

phase change materials

This technology, originally developed for NASA, utilises phase change materials (PCM) that absorb, store and release heat for optimal thermal comfort. It 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 longer, phase change materials work in the same way, but are microencapsulated to be

permanently enclosed and protected in a polymer shell. This encapsulation process gives us a durable product that can be incorporated into fabrics which then have the capacity to absorb, store and release excess heat and to continually regulate the skin's microclimate. As the skin gets hot, the heat is absorbed, and as it cools, that heat is released. It is not wicking technology, which manages moisture by reacting to your sweat and pulling it away from the skin, it is proactive and manages heat while controlling the production of moisture before it begins. This is smart technology.