

Cool and
Thermoregulation
Finish

Thermic QuickDry

Optimal Temperature. Optimal Sleep.

A man and a woman are shown from the chest up, wearing white tank tops and holding white pillows. They are surrounded by a cloud of white feather fluff, suggesting a soft, comfortable environment. The background is a bright, airy room with white curtains.

RIGHT IN YOUR COMFORT ZONE

Optimal temperature. Optimal sleep.

Experts have indentified that the key to a good night's sleep is the temperture of your sleeping 'microclimate': the space between your skin and the bedding fabric.

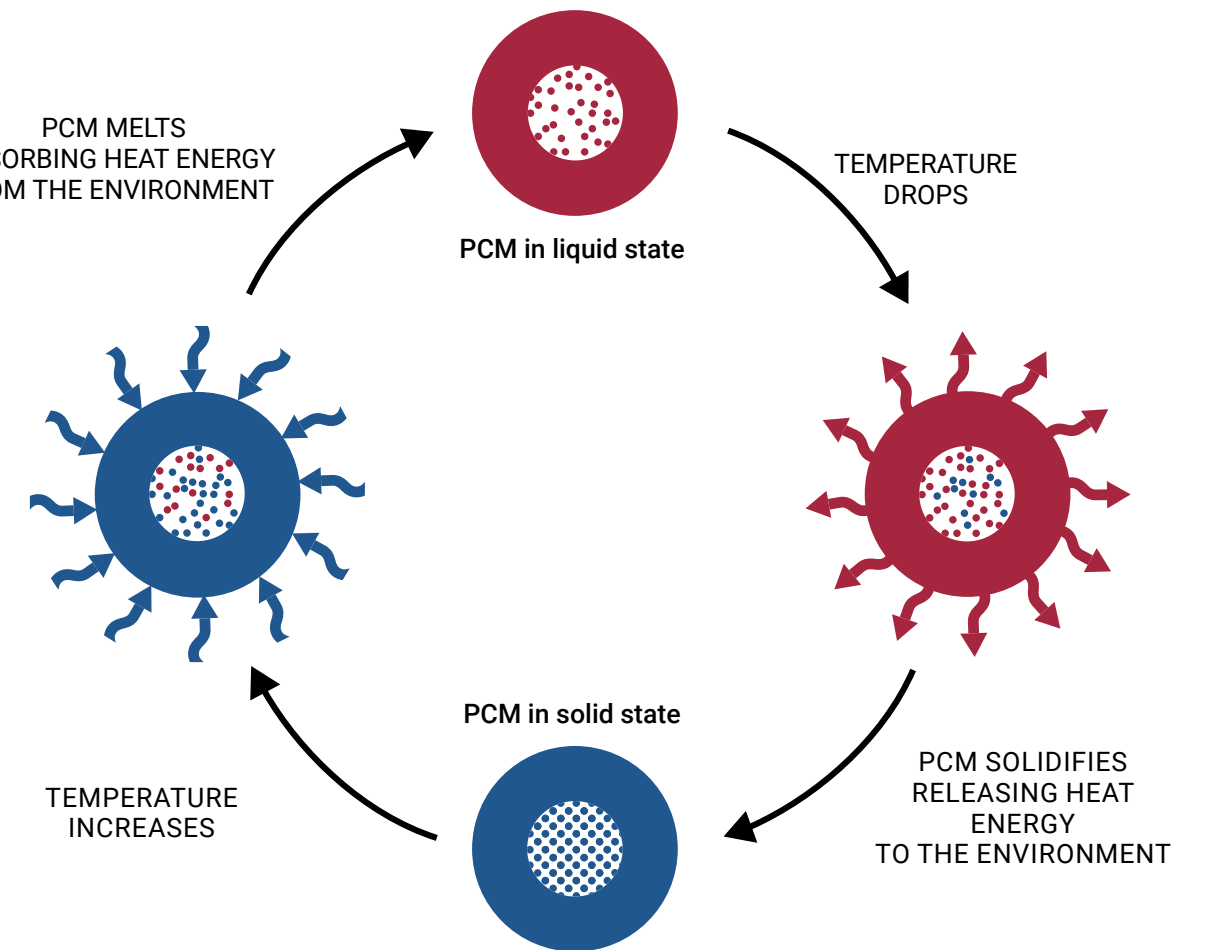
During the night, your body emits moisture vapour - sweat - to release excess heat and control your temperature. And thus also your microclimate. An ideal temperature should be between 28° and 30°C (*).
Your comfort zone.

(*) = between 82.5° and 86°F

**Thermic® QuickDry removes
excess heat and moisture to
keep you in your comfort zone
for as long as possible.**

How does it work?

PCMs (reactive microencapsulated Phase Change Material) can change from solid to liquid and back again, depending on the surrounding temperature. When the temperature rises, they absorb heat and change from solid to liquid. When the temperature drops, they release heat and change back to solid.



1

As the temperature in your microclimate rises, Thermic® QuickDry fabric absorbs excess heat and slows the rate at which your skin temperature rises. So you don't get too hot.

2

Due to the rise in temperature, your body starts to sweat. Thermic® QuickDry accelerates the diffusion and evaporation of sweat, leading to a rapid drop of temperature.

3

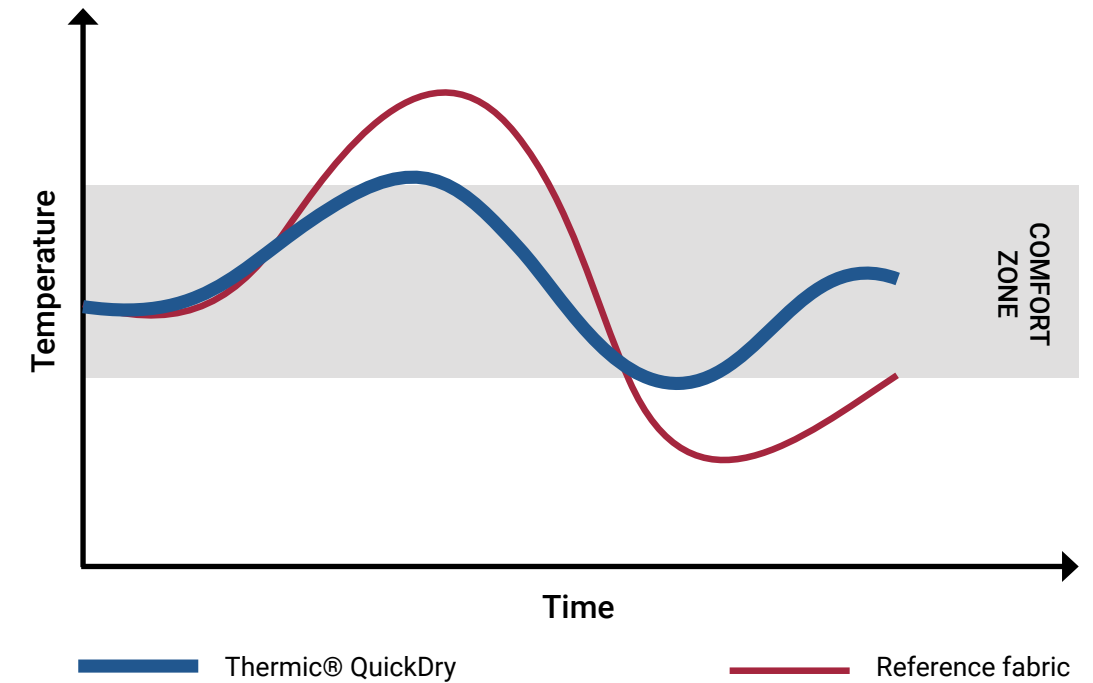
As temperature falls, PCMs release heat, which slows the rate of cooling. It thus regulates your skin temperature in the comfort zone, providing you with a comfortable night's sleep.

THE PROOF IS IN THE SLEEPING

Deeper. Better. Fresher.

In a recent comparison test*, participants were asked to sleep on two different mattresses: one treated with Thermic® QuickDry, the other an untreated reference mattress.

People sleeping on a mattress treated with Thermic® QuickDry not only sleep longer. They also sleep deeper, enjoy a better sleep quality and wake up feeling more refreshed!



*The consumer panel tests were conducted as part of the ALL4RESTgo2MARKET European research study.

all4rest
integrated solutions for
improve the quality of rest

Thermic QuickDry

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ctnassau.com

THE FABRIC: UNTOUCHED

Same same. But different.

Thermic® QuickDry adds a number of unique properties to the mattress fabric. But without touching on the equally unique properties of the fabric.



Breathability is maintained because air and water vapour continue to pass through the fibre mesh.



Suppleness is not affected because the fibres keep their original space to move and slide against each other.



Softness guaranteed thanks to very small microcapsules which penetrate very deeply inside the structure.

Thermic Quick Dry in a Nutshell



Thermoregulator



Soft to the touch



Performance
over time



Washable at 40°C
(104° F)



Optimal moisture
management



Breathability
maintained



Non-stop
performance

USA
CT Nassau Mattress Tape
4101 South NC 62
Alamance, NC 27201
T +1 336 570 0091
salesmgt@ctnassau.com

USA
CT Nassau Mattress Ticking
1504 Anthony Road
Burlington, NC 27215
T +1 336 570 0091
salesmgt@ctnassau.com

Europe | Russia | Asia
Do you want the contact
details of a branch closer to you?
Please visit our Contact page
on stellinigroup.com

More information,
salesmgt@ctnassau.com
ctnassau.com

USA
Covers Contract Sewing LLC
1617 N. Fayetteville St.
Asheboro, NC 27203
T +1 336 266 9969
info@ccsasheboro.com

Canada
Ideal Quilting
875 Fenmar Drive
Toronto, ON, M9L 1C8
T 416 748 8402
info@idealquilting.com

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