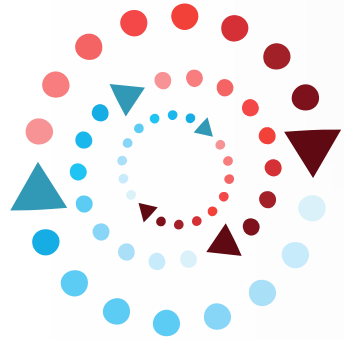




TEMPADAPT

**COOLNESS THAT INSTANTLY REACTS
TO YOUR BODY TEMPERATURE!**
DYNAMIC DEFENCE AGAINST HEAT



Kets

**MATTRESS®
TICKING**

THE ART OF
Comfortable Sleep.

#Comfort / #HumidityManagement / #Tempadapt

ketsmattressticking.com

Intelligent Thermoregulation

- Tempadapt is an innovative thermo-regulation technology that provides fabrics with the ability to dynamically respond to body heat.
- The cooling function is activated when you are hot and sweaty and deactivated once cooling is complete.



Outstanding Qualities

- Keeps you cool and comfortable,
- Revolutionary and patent pending dynamic cooling technology,
- Cooling is activated by rising body temperature and deactivated once your cooling is complete,
- Up to 2.5°C/4.5°F cooler fabric temperature,
- Helps to maintain a balanced temperature day and night,



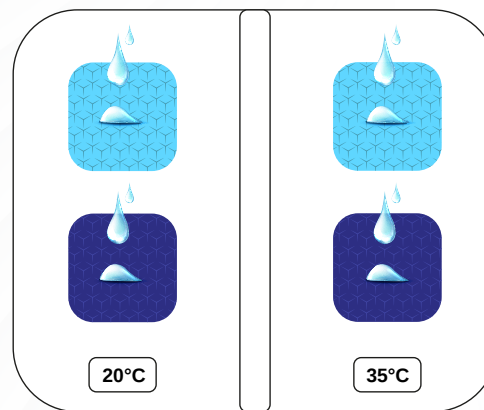
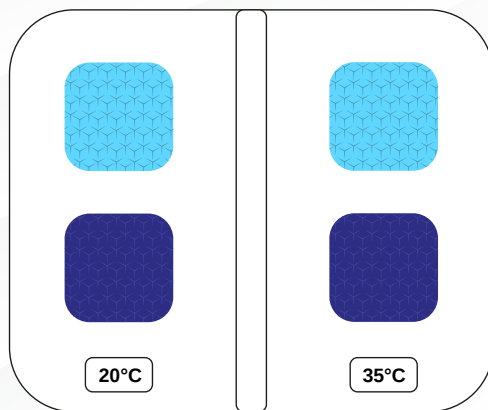
Features of Tempadapt Mattress Ticking Fabric?

- No impact on fabric properties,
- Durable and exceptional performance for the lifetime of the product,
- Applicable to work on any fiber type: natural, synthetics and blends,

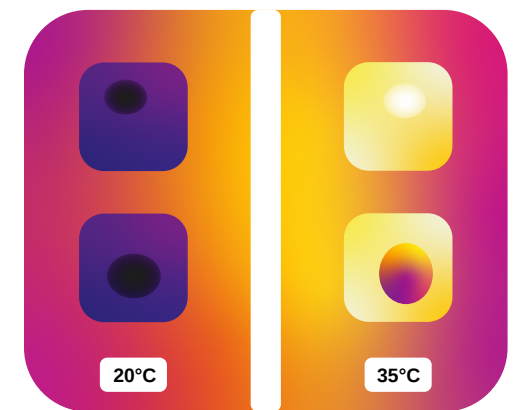


Test Method

Add a drop of water to treated and untreated fabric samples on cold (20°C) and hot (35°C) plates, and see what happens through the lens of a FLIR camera. Treated fabrics show improved evaporation performance compared to untreated fabrics.



Water Drips Onto Fabrics



Temperature Values Of Fabrics
In Thermal Camera

Test Result

Microbiology: Antibacterial Activity

Recipe	Sample number					
Product	1		2		3	
Pure TAG [%]	0.6		0.6		0.6	
ISO 6330 parameters	1-1	1-2	2-1	2-2	3-1	3-2
ISO 6330 4G	-	3	-	3	-	3
Drying conditions	A	A	A	A	A	A

Test Result

ISO 20743: Staphylococcus aureus (ATCC 6538P)

Control	Initial	After contacting	Contacting time			
Log CFU	3.39	7.86				
Contacting time [hours]			18			
Sub-Samples	1-1	1-2	2-1	2-2	3-1	3-2
Log CFU Sample (staph)	4.57	4.74	4.47	5.31	3.82	4.87
Percent reduction Sample (staph) [%]	99.949	99.924	99.960	99.720	99.991	99.897
Log reduction Sample (staph)	3.29	3.12	3.39	2.55	4.04	2.99
Activity Sample (staph)	++	++	++	+	++	++

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