

EFFECTIVE RESULT

E.COOLINE reacts similar to the human body cooling its temperature by evaporation of sweat. Rapidly and easily, the high-tech fleece COOLINE stores water inside which is only released by evaporation.

You stay dry and cool. E.COOLINE sweats for you. You feel much better, less tired and stay mobile. For more quality of life.

EASY HANDLING

- Immerse 5 -10 seconds in about 1 liter of water
- Press slightly and wrap in towel
- Start cooling
- The cooling effect will last up to 20 hours

5 SEC.

RECOMMENDATION

For optimal drying of the outer fabric just activate the previous evening.

ClimatePartner[®]
climate neutral

Textiles | ID: 53721-1310-1001

**SOPHISTICATED
PRODUCTS FOR MORE
QUALITY OF LIFE**

COOLINE[®] SX³



1 Cooling vests depending on requirement and design in blue, white, red and black

2 Shirt-vest and T-Shirt available in black



3 Cap, bandana, neckband, headband or wristbands, available in different colors

**PCS
PERSONAL
COOLING
SYSTEM**

www.klarelinie.de

10%
MORE POWER
ON HOT DAYS



COOLINE[®] SX³



5S
12°C COOLER
IN 5 SECONDS

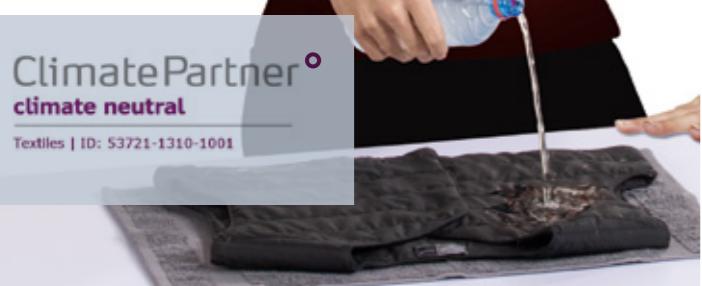
WWW.E-COOLINE.COM



WWW.E-COOLINE.COM



PLEASE CONTACT US FOR FURTHER INFORMATION ON OUR WIDE RANGE OF E.COOLINE PRODUCTS.



E-COOLINE

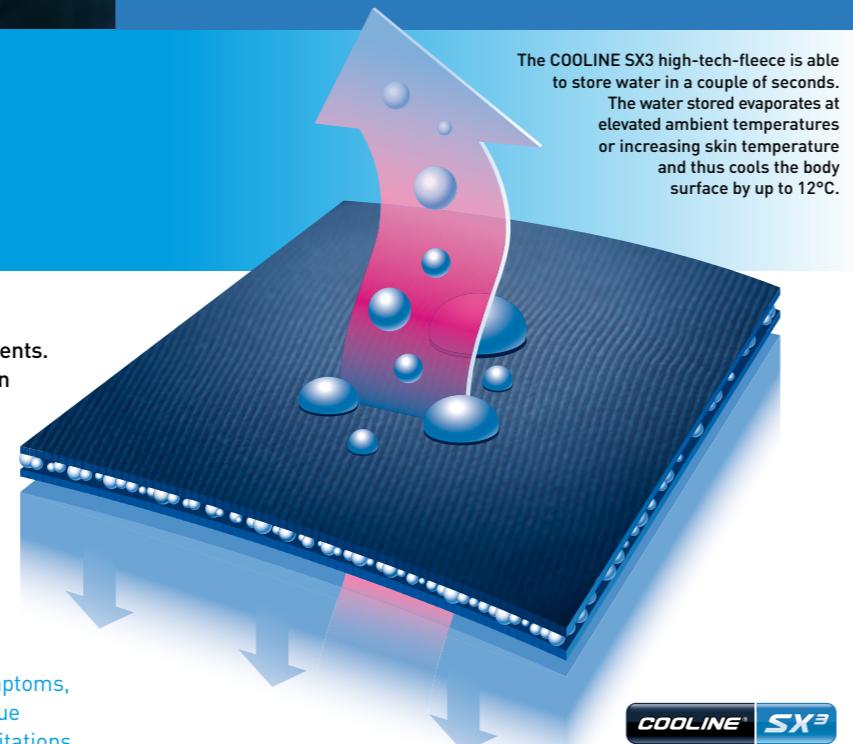


ENHANCED QUALITY OF LIFE BY COOLING



INSPIRED BY NATURE

E.COOLINE® is a professional cooling system consisting of high-tech textiles which, if soaked with water, generate a cooling effect depending on ambient and body temperature. The COOLINE system mimics the natural temperature regulation of the body. You feel much better and more active.



E.COOLINE IMPROVES YOUR PERFORMANCE

Elevated temperatures may have negative impacts on MS patients. A common symptom of multiple sclerosis (MS) which occurs in approx. 80% of the patients is the "Uhthoff" phenomenon. It involves a worsening of the neurological symptoms. The cause includes elevation of the body temperature by fever, bodily exercise or simply by elevation of ambient temperatures, e.g. in summer, hot countries or warm rooms.

In addition to a frequent worsening of bodily symptoms, the patient becomes more rapidly fatigued ("fatigue syndrome"). Both effects produce enormous limitations on professional life and daily activities resulting in a significant reduction of the patient's quality of life. The effects are however reversible in a sense that the negative symptoms will disappear once the body is cooled.

Patients with cardiovascular problems, ectodermal dysplasia or COPD as well as dialysis patients or tetraplegics generally suffer when their bodies are warmed up. Ask us!

The use of our E.COOLINE vest offers for the first time an easy, rapid and effective possibility to reduce heat stress of the body. Experiences made in the field of sports sciences and the industrial sector (health & safety at workplaces exposed to extensive heat) have already confirmed the cooling effect. Studies in the field of multiple sclerosis have been carried out by leading clinics and physicians. The reactions of both physicians and patients are very positive. Reasons include the easy and rapid handling of the vest, its low weight which guarantees high comfort and its long lasting effect.

MY QUALITY OF LIFE HAS MUCH IMPROVED...

MS patients confirm the efficiency of the E.COOLINE vest. Read more in our interview with Andreas Gaisser.

Mr. Gaisser, how do you judge the benefits of the E.COOLINE cooling vest?

All in all I can say that I'm feeling much better. Before, hot weather made me tired very quickly. The vest vastly improves this heat problem.

How does E.COOLINE affect your physical condition?

I feel much better while wearing it. I experienced that I am feeling best at temperatures just below 20°C. Everything above impairs my performance extremely. Meanwhile, thanks to the cooling vest, I can concentrate much better on a task, especially in high temperatures.

How does wearing the vest affect your quality of life?

When do you wear the cooling vest?

Most of all I use the vest at work. I'm a software developer. With all the computers and other equipment, temperatures may easily rise above 25 degrees. When I wear the cooling vest, I don't have any problems, even when the air conditioner is turned off in summer.

With the vest I am totally independent of the conditions around me. Even my employer has noticed how well I am doing with the vest and has offered to get another one for me at company expenses.

The vest is very easy to handle. I hold it under the tap for a couple of seconds and then wipe it with a towel to dry the outer fabric. Once I have put it on, it feels a bit chilly for just a moment. But then it feels very comfortable.

What is your experience on the cooling effect and its duration?

Mostly I use about 1 litre of water. The cooling effect then lasts for one and a half days, which is a very long time. So I'm also comfortable when I go out in the evening.

Would you recommend the cooling vest to other people affected?

I can absolutely recommend the vest to all people suffering from MS and heat problems.

My quality of life has improved a lot. Before, steady performance always depended on temperatures. As soon as it got warm, my concentration dropped noticeably.

Meanwhile I can count on my potential, thanks to E.COOLINE.

Mr. Gaisser, thank you very much for the interview.

I FEEL MUCH BETTER AND RECOVERED MY ABILITY TO MASTER EVERYDAY LIFE HAS MUCH IMPROVED

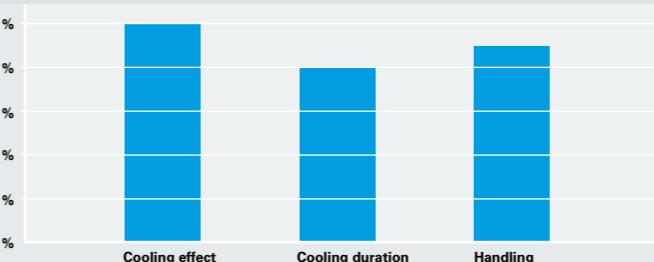


Foto: Andreas Gaisser

E.COOLINE CONFIRMED BY APPLICATION STUDY

A study carried out in 8 medical centres confirmed the efficiency of E.COOLINE. Outdoor temperatures during the period of use ranged between 20-34°C. The results were unambiguous. More than 90% of the patients rated the cooling effect as good to excellent and believed that the vest increased performance and decreased symptoms of fatigue.

Positive opinion by percentage of patients



Wearing of E.COOLINE during bodily exercise and high ambient temperature

