

# How safe is your skin?

The FKT label provides extra safety





## The skin – the biggest organ of the human body

On an area of just under two square metres, our skin not only protects us from injuries but also regulates our body temperature and helps us sense heat, cold and pain. We should be very careful about which materials and substances we allow to come into direct contact with our skin.

As a responsible consumer, you have a right to be safe: A right to textiles that don't irritate, inflame or damage your skin. A right to stay healthy!



## Double tested safety

Conventional tests for harmful substances test textiles for certain substances only – they don't examine the effects that these chemicals and harmful substances may have on our skin while we wear the textiles.

The FKT tests provide extra safety for your skin. In addition to the tests for harmful substances, they also include a test for body compatibility. They have been developed by strict scientific standards and are used by many leading brands to assure their quality.

# The FKT Test Method

## Test for body compatibility

### Step 1: Wearing simulation and substance transfer

- > Release of unbound substances and chemicals from the textile product under the simulation of intense wearing conditions.

### Step 2: Fibroblast cytotoxicity test

- > Checks the toxic effect of extracted substances on connective tissue cells.

### Step 3: Cytokine test with keratinocytes

- > Checks the inflammatory effect on skin cells.

## Test for harmful substances

Works with the same limit values and criteria as the OEKO-TEX® Standard 100, product class 1.



## Combined test for body compatibility and harmful substances

All of the textiles that are labelled with the FKT label „MEDICALLY TESTED – TESTED FOR TOXINS“ are double tested by extremely strict criteria. That means that you can be sure that the textile product you wear on your skin has not only been tested for its contents but also for their effects. Because ultimately, it is the effects of the textile product that you feel and often enough see. The FKT tests have been developed by scientific standards and are based on the criteria used in the approval processes for medical devices. There is no stricter test for body compatibility.



## More safety for your skin

FKT tested textiles carry the FKT label which is either attached to the product in form of a small sticker or presented at the producer's website.

It labels textiles that don't release any chemicals that may irritate the skin or damage a person's health. This combination of sensitive tests for harmful substances and for effect-based body compatibility that was developed by scientific standards provides double tested safety for your skin.

# Leading textile manufacturers partner with FKT

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