

RESISTEX.COM



B I O C E R A M I C



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MADE IN ITALY



Emission of FIR (Far Infrared Rays)

Thanks to the action of bio-ceramics, the body heat absorbed by the yarn can be returned in the form of FIR (far infrared rays) and penetrate the subcutaneous tissue, stimulating the microcirculation and strengthening the metabolism.



Insulating

Thanks to bio-ceramics fibers that insulate from cold.



Eco Friendly

100% natural, non-toxic and does not contain chemicals.



Permanent

Because of its particular structure, it maintains a constant effectiveness over time, even after many washings.



Protecting from UV-A and UV-B rays

Because its special fibers protect from harmful ultraviolet rays UV-A UV-B.



Sun-shielding

Because the bio-ceramic fiber ensures long-term freshness during exposure and sports activities.

Resistex® products are certified by



Bioceramic means wellness

Resistex® Bioceramic is the ultimate discover in **Resistex® Increase Your Performance**. It enriches the range of high-tech and innovative yarns offering total protection against environmental changes and against their consequences on human health.

Total protection and benefits for the human body

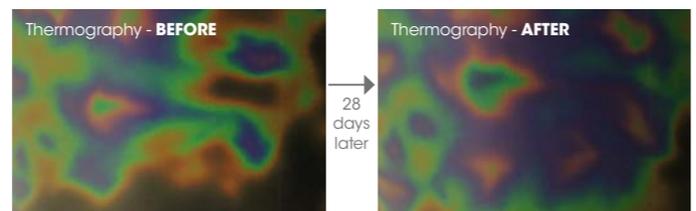
Resistex® Bioceramic is a polyester fiber linked to bio-ceramic crystals and capable of performing an action highly beneficial to the human body. On the one hand a natural absorbing function against harmful ultraviolet rays UV-A and UV-B impacting the skin causing irritation, sunburn and melanomas. On the other reflective action of the rays of thermal nature constitutes a real shielding effect against the heat of the sun. The unique technology of **Resistex® Bioceramic** allows to lower the temperature of the inner surface of the fabric ensuring freshness and comfort during sports activities and exposure to the sun.

UV factor

Prolonged exposure of the skin to ultraviolet rays increases the risk of skin cancer and can cause rashes and burns. The UV-A rays pass through the epidermis and, in a good proportion, reach the dermis, causing tissue damages, dryness and premature aging of the skin. UV-B rays are instead totally absorbed by the epidermis subjecting it to the risk of burns, blemishes and irritations. The epidermis produces an important protective pigment, melanin. Because of the damage suffered by the cells that produce this substance we can assist the occurrence of permanent stains on the skin. These harmful ultraviolet rays should be totally absorbed by the ozone layer around the Earth. The pollution of the atmosphere is, however, progressively compromising the protection of the ozone layer facilitating the passage of UV rays. The **Resistex® Bioceramic** yarn is able to guarantee the right protection our body needs.

Test

Tests prove how **Resistex® Bioceramic** greatly reduces the consumption of calories thereby safeguarding the physical energy of the body. The bio-ceramic provides high thermal insulation that maintains a constant body temperature even in conditions of extreme cold. As demonstrated by clinical trials, **Resistex® Bioceramic** plays a stimulating action at a microcirculatory level which results in a constant strengthening of the metabolism.



The thermal image reveals hyperthermic spots. The spots show well-defined margins and are surrounded by colder halos. After 28 days of treatment, the picture shows an improvement in subcutaneous microcirculation.

FIR

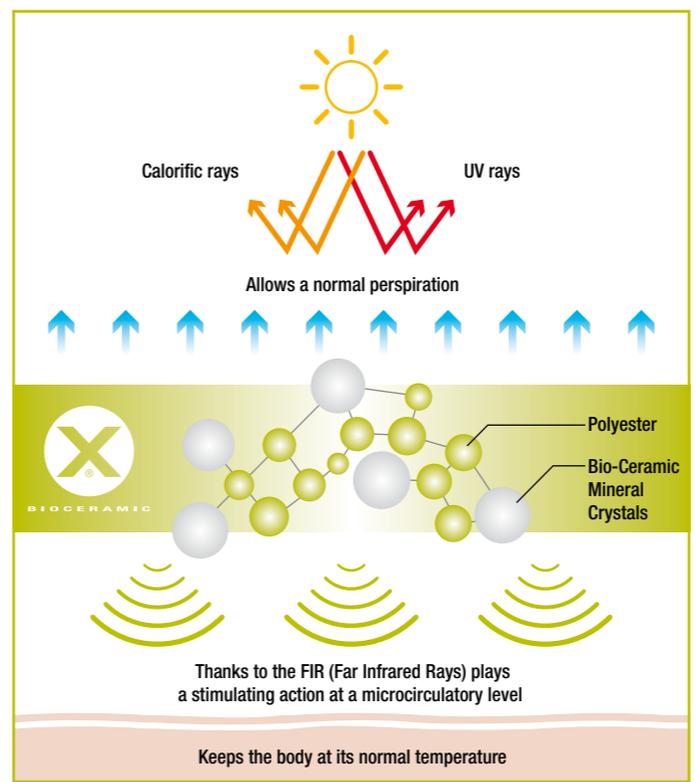
The solar spectrum contains not only the harmful UV-A and UV-B but also the beneficial FIR, far infrared rays, a type of electromagnetic waves of reduced length. Thanks to the action of bio-ceramics, the body heat absorbed by the yarn can be returned in the form of rays FIR (far infrared rays) that are able to penetrate the subcutaneous tissues and stimulate the micro circulation, strengthening our metabolism.

As studies in the biological field have shown, FIR rays are absorbed very easily by the body to which they are an essential contribution for its growth and development.

Resistex® Bioceramic is thus able to reproduce the FIR rays emitted by the sun also known as “rays of life”.

Thanks to its outstanding features, **Resistex® Bioceramic** is currently used for the production of fabrics for:

- sportswear
- underwear
- blankets
- bed sheets
- indoor and outdoor clothing
- knitting
- mattresses



BIOCERAMIC