

The highly advanced MICROCIRCULATION INCREASE t e c h n o l o g y



QUATTROXY™
TECHNOLOGY

QUATTROXY™ IS AN ADVANCED BIO CERAMIC TECHNOLOGY WITH 4 MAIN EFFECTS

POSITIVELY AFFECTS THE MICROCIRCULATION
PROTECTS FROM UV
INSULATES
STAYS WITH YOU



WHY QUATTROXY™ BIO CERAMIC?

1 Positively affects the microcirculation

The micro particles of bioceramic embedded in the yarn absorb the body heat and return it as FIR (Far Infrared Rays). This helps improving and stimulating the microcirculation.

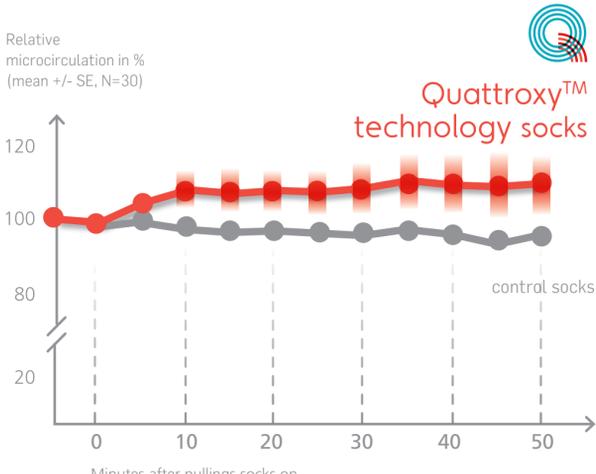
Clinical studies commissioned by Intersocks and performed by the Jozef Stefan Institute highlighted that a sock knitted using Quattroxy™ bioceramic helps improving the blood circulation on the foot.

In a population of diabetic patients, statistically significant differences in microcirculation were found between a control sock and a sock in Quattroxy™.

The total amount of blood (and hence oxygen!) that passed through microcirculatory network within 60 minutes after putting on the socks in Quattroxy™ was significantly larger.

Increased microcirculation by Quattroxy™ can lead to cell nourishment and better tissue regeneration.

Microcirculation difference in feet measured in patients with diabetes wearing a QUATTROXY™ technology sock and a control sock.



HOW QUATTROXY™ BIO CERAMIC PROTECTS?

2 Protects from UV

The polymeric matrix of the yarn guarantees the right protection from the UV rays.

Prolonged exposure of the skin to Ultraviolet rays increases the risk of skin diseases and can cause rashes and burns.

The majority of UV rays should be absorbed by the ozone layer around the Earth. The pollution of the atmosphere is, however, progressively compromising the protection and facilitating the passage of these harmful rays.

The Quattroxy™ Bioceramic yarn is able to guarantee the right protection our body needs.

3 Insulates

Bio ceramic materials offer excellent insulation from external elements.

The unique technology of Quattroxy™ 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.

At the same time, the bioceramic provides high thermal insulation that maintains a constant body temperature even in conditions of extreme cold.

WHY QUATTROXY™ BIO CERAMIC IS PERMANENT?

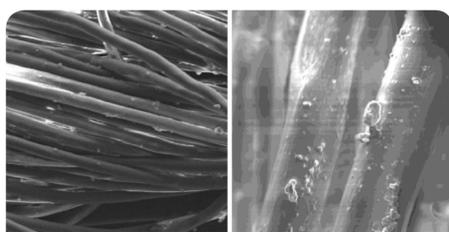
4 Stays with you

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

Picture shows how ceramic micro particles are embedded inside the yarn during its production process.

Permanent coating ingrained into the yarn/product, it doesn't go away when washing.

No harmful chemical or any toxic material is used in the production of Quattroxy™ bioceramic.



Electronic microscope picture of a QUATTROXY™ bioceramic filament.