

BIOPROTECT

*Harmless antimicrobial yarn
safe for humans and for the environment*

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Bioprotect Polyester and Polypropylene yarns are produced using the advanced technology of Zinc. Incorporating this additive into the polymer matrix, Bioprotect filaments presents antimicrobial activity. This property inhibits fungi and bacteria growth, protecting us from the harmful effects of these microorganisms, like allergies, bad odors, and diseases transmission.

The matrix polymer additive technology has permanent effect, staying active even after wearing and several washes. It is an advantage compared to the standard wet antimicrobial finishing, which has limited durability. In addition, our technology is eco-friendly, we don't use water in the production process.

Bioprotect Zinc active ingredient is nontoxic and safe, being produced under REACH standard regulation.

We can produce more than 100 dope dyed colors, and the antimicrobial activity was certified by third-party laboratories under AATCC 100 standard: Test Method for Antibacterial Finishes on Textile Materials.

