



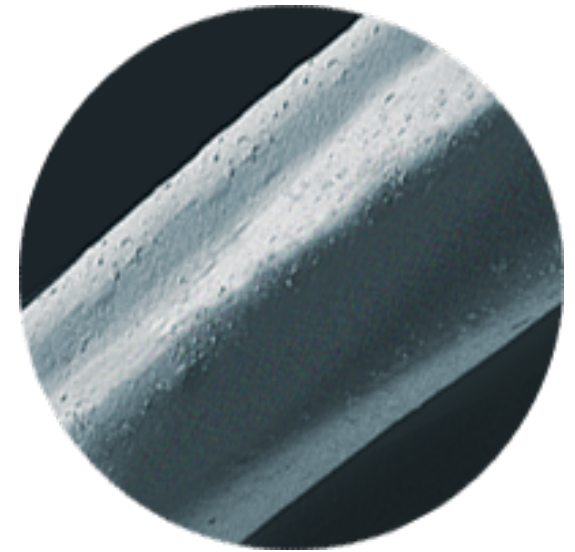
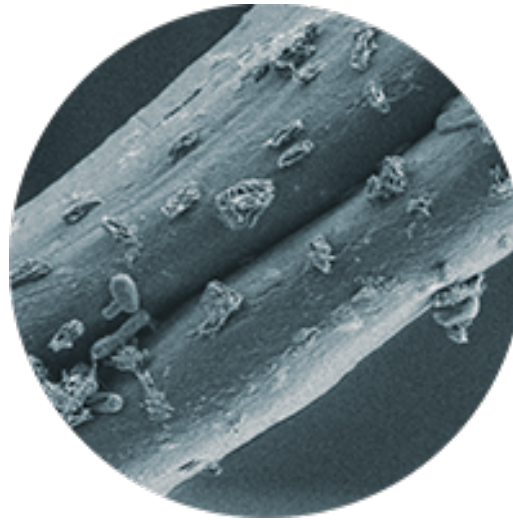
SILVERbac: PATENTED PROTECTION FOR PREMIUM PRODUCTS

Inherent Antimicrobial Technology
Providing Durable Hygienic Protection





WHAT IS SILVERbac? HOW DOES IT WORK?



- ❖ SILVERbac is a patented additive based on pure food-grade silver that can be incorporated into a variety of materials giving each product durable, inherent antimicrobial properties by interfering with the life processes of bacteria and other microbes
- ❖ **SILVERbac is not a coating - it is a built-in component of your product**



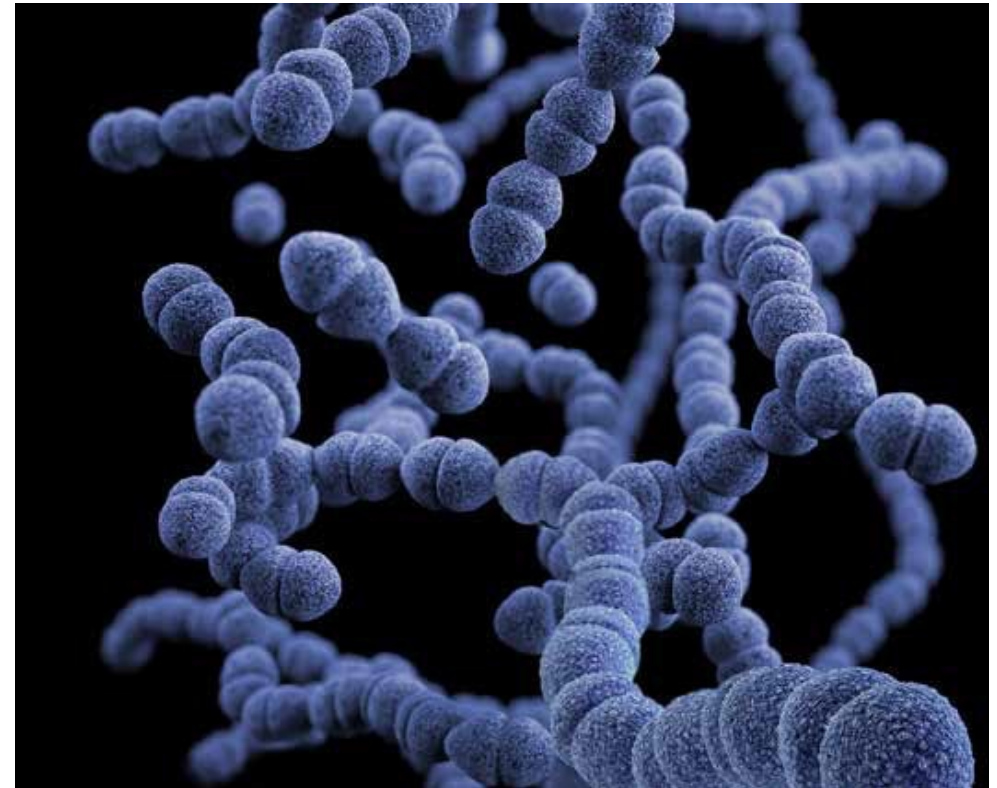
WHY SHOULD I USE SILVERbac IN MY PRODUCT?



- ❖ SILVERbac will never wash out and will provide protection for your product 24/7/365 throughout its lifetime
- ❖ You cannot see or feel SILVERbac but it's always there providing inherent antimicrobial protection - and it doesn't cost as much as you might think



WHAT MICROBES DOES SILVERbac WORK AGAINST?



- ❖ SILVERbac has proven action against all major classes of bacteria, fungi and molds, as well as viruses such as COVID-19
- ❖ We use the ASTM E3160-18 bacterial test because it was developed by and is recommended by the International Antimicrobial Council (IAC). It is easier to perform in laboratories around the world and is subject to fewer variabilities in testing
- ❖ We also use ISO 18184 to test against viruses like COVID-19 and Norovirus



SILVERbac REGISTRATIONS AND THE ENVIRONMENT



- ❖ SILVERbac is registered with the EPA in the USA and is listed as an OEKO-TEX accepted ACP (Active Chemical Product). In addition, SILVERbac is IAC (International Antimicrobial Council) accredited and certified, bio compatibility tested, and has been tested for next-to-skin irritation
- ❖ Unlike other antimicrobials, including other silver-based additives, SILVERbac - which is inherent, cannot be removed from a treated product, and it does not leach. Therefore, it will not end up in waterways or oceans. Products that use SILVERbac last longer and are less of a drain on our natural resources - textiles treated with SILVERbac can be washed at lower temperatures, saving on energy resources and costs