

Metal ion – Nano cellulose crystalline

Why Work With Us?

- Our Swarm-link team provides you with science, service, and support
- We offer unmatched antimicrobial expertise
- We collaborate with you to develop an antimicrobial program
- We provide an ongoing QC program at no additional cost.

Nano metal ions bring long-lasting antibacterial properties to your textiles. This unique antimicrobial product contains ultra-fine metal crystals that release ions at a controlled rate only when the conditions for bacterial growth exist. Through careful control of the size and shape of the particles during production, our product avoids the fabric discoloration that can occur with other antimicrobial products.

Benefits of Swarm-link

- Keeps products fresh, clean and odor-free
- Easily applied to most end-uses to prolong the life of your product
- Our established brands will add value to your product.

Garments treated with metal ions, especially intimates and sportswear, promise lasting cleanliness and freshness. Swarm-link can also be used to protect domestic textiles such as towels, bedding, upholstery and more from the undesirable effects of microbial growth. Complete, Safe Antimicrobial Protection Swarm-link is a simple-to-use antimicrobial treatment that provides long-term, cost effective protection against unwanted odors. Offering excellent compatibility with other textile finishes, it is typically co-applied by padding with other auxiliaries, meaning no additional processing steps are required. Applicable for both synthetic and natural fibers, Swarm-link is durable to multiple washes, lasting the useful life of the treated article



Our Antimicrobial Applications Delivering lasting freshness and longer life to consumer and industrial products, Swarm-link products can be used in a range of textiles, plastics, ultra-fresh.com foams, coatings, and more.

Visit to learn more and contact a Swarm-link representative.