

FIBERSETM

SILVER YARN
TECHNOLOGY



THE NEXT GENERATION OF EVERYDAY FRESHNESS



Today's consumers expect more than just fabric – they expect **built-in protection**.

Ordinary performance wear traps odor, breeds bacteria, and demands constant washing or chemical coatings that wash away. These quick fixes fail fast and break sustainability promises.

Fiberse™ changes that at the source.

We embed **99.9% pure silver** directly into the yarn's core – no coatings, no sprays, no short-term tricks. Just permanent, proven antimicrobial power that stays locked in, wash after wash.

For brands, it means you don't just promise freshness – you weave it into the DNA of every product.

When your yarn stays fresher, your products -

- Protect against odor, bacteria, and fungi naturally
- Last longer in real life
- Need fewer washes (lower environmental impact)
- Give your customers confidence, comfort, and visible value
- Open up repeat sales and brand loyalty that cheap finishes can't match.



MADE IN INDIA. BUILT FOR GLOBAL PERFORMANCE BRANDS

Produced at our **ISO 9001:2015** certified facility in Mysore, India -

Fiberse™ Silver Yarn is crafted with stringent quality control from metallization to winding. We manage the entire process in-house – ensuring consistency, traceability, and the flexibility to tailor blends, deniers, and finishes to your brand’s specific design needs.

Whether you’re developing technical base layers for marathoners, everyday athleisure for commuters, or high-performance uniforms for sports teams – **Fiberse™** empowers your line to deliver next-level freshness and confidence.

PERMANENT SILVER PROTECTION

At the core of **Fiberse™** technology is our proprietary metallization process, where a robust covalent bond is created between the substrate and **99.9% pure silver**.

Silver – nature’s strongest antimicrobial element – works continuously to neutralize odor-causing bacteria and fungi, delivering lasting freshness that never washes out. This built-in protection empowers brands to create garments that stay hygienic, comfortable, and odor-free, wash after wash.

Our advanced silver integration can be applied to filament yarns, fabrics, polymeric foams, staple fibers, spun yarns, chopped fibers, and particles – offering exceptional design freedom. Our yarns can be knitted or woven into high-performance fabrics at various weights, textures, and stretch levels to meet the demands of activewear, athleisure, uniforms, or sports accessories.

Beyond pure silver, we’ve also engineered multi-metal combinations such as silver over nickel, copper-nickel metallization etc for other use-cases. This combines the strengths of multiple metals, metallized over one another—enhancing the properties depending on application.

ESSENTIALS COVERED HEAD-TO-TOE

Fiberse™ Yarn is **incredibly versatile**.

It is the secret sauce to -

- **Performance Activewear:** Base layers, training kits, sports bras, leggings.
- **Athleisure Staples:** T-shirts, hoodies, polos, loungewear.
- **Essentials:** Socks, undergarments, liners.
- **Wellness:** Towels, wraps, spa textiles, reusable wipes.
- **Accessories:** Caps, headbands, gloves, shoe linings.
- **Hygiene Products:** Baby textiles, bedding, pet accessories.
- **Medical Wears:** Scrubs, surgical gowns etc.

+ MANY MORE

One yarn. Infinite ways to deliver
permanent freshness



THE FIBERSE™ ADVANTAGE



Permanent Antimicrobial Protection -

Fiberse™ **99.9% pure silver** neutralizes odor-causing bacteria and fungi on contact – delivering built-in hygiene that won't wash away.



Active Moisture Management -

Keeps sweat off the skin and moves it outward – staying dry and comfortable even during high-intensity training.



Odor Control at the Source -

Stops microbes before they multiply, preventing the sweat stink that shortens garment life and forces frequent washes.



Temperature Regulation

Silver's high thermal conductivity helps disperse heat evenly, keeping athletes cooler when it's hot and warmer when it's cold.



Allergen Reduction

By controlling microbial growth, Fiberse™ can help reduce triggers that aggravate skin sensitivities or allergies.

THE FIBERSE™ ADVANTAGE (CONT.)



Supports Healthy Circulation

The gentle, non-restrictive fit and thermal balance can aid microcirculation during performance or recovery.



Superior Comfort & Skin Safety

Soft, breathable yarns with non-toxic, skin-friendly silver – no harsh chemicals or coatings, just lasting freshness.



Durable, Long-Lasting Performance

The silver is embedded, not coated – so protection remains effective wash after wash, wear after wear.



Water & Energy Savings

Less odor means fewer washes – saving water, energy, and time while extending garment life and strengthening your brand's sustainability claim.



Anti-Static Properties

Reduces static cling and discomfort for a smoother, cleaner wear

THIS IS HOW A FIBERSE™ SOCK LOOKS – AND PERFORMS (USE-CASE)

Imagine a simple everyday essential – reengineered from the inside out with **Fiberse™ Silver Yarn**.

SILVER SOCKS

Socks that don't just cover – they protect.

Fiberse™ Essential Socks

tackle foot odor, sweat, and bacteria where they start. Our 99.9% pure silver keeps fungi and microbes in check, helping prevent common skin irritations and infections, especially in sweat-heavy shoes.



Antimicrobial Protection

Helps protect feet from common skin irritations and athlete's foot – perfect for active lifestyles.



Odor Control

Stops bacteria and fungi where they start – so your feet stay fresh, dry, and odor-free all day. Wear the same pair for days - we don't judge!



All Day Dryness & Temperature Regulation

Wicks away sweat and moisture inside your shoes, preventing dampness and discomfort. Helps balance heat naturally, keeping you cooler when it's hot and warmer when it's cold.



Supports Healthy Circulation

Designed for gentle stretch and breathability to keep feet comfortable during long wear.



Long Lasting Durability

Built-in silver stays effective wash after wash – for socks that last longer and stay fresher.

What It Means for Your Brand

When your socks start with **Fiberse™**, you deliver a clear promise your customers can feel:
Built-in freshness | Built to perform | Built to last



BUILT FOR BRANDS READY TO LEAD

When freshness starts at the fiber level, your products do more than perform – they stand apart, last longer, and build trust that sells.

Build what's next.

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