New Uberty Antibacterial Textile Series



Innovative Antibacterial Fabrics for the Health-Conscious Market

New Uberty Co., Ltd.
www.newuberty.com

Antibacterial Textile



New Uberty is a leading fabric manufacturer based in Thailand. We collaborate closely with professional antibacterial yarn manufacturers and utilize advanced manufacturing processes to bring you fabrics that set a new standard in comfort, breathability, and protection.

We are proud to present you with our antibacterial textile series:

- Chitosan - rayon
- Nano zinc oxide - polyester and nylon
- Patented cinnamon extract - polyester and nylon
- High-temperature calcined oyster shell - polyester and nylon

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Chitosan - rayon

- long-lasting antibacterial and anti-odor effect
- excellent moisture absorption
- natural, non-toxic
- soft, comfortable, no skin allergy
- eco-friendly, biodegradable

Chitosan is a natural biopolymer derived from chitin, a component found in the shells of crustaceans like shrimp and crabs. Chitosan has gained attention for its antibacterial l properties, which are primarily attributed to its ability to disrupt bacterial cell membranes and inhibit the growth of certain microorganisms.

Chitosan has natural antibacterial effects, with a very high broad-spectrum antibacterial rate. More than 90% of common bacteria cannot survive on chitosan fibres.

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Nano zinc oxide - polyester and nylon

- long-lasting antibacterial and anti-odor effect
- non-irritated to skin, non-toxic
- anti-static
- anti-ultraviolet

Zinc oxide has been widely proven to possess powerful antibacterial properties, making it a natural and effective protective element. Nano zinc oxide itself is non-toxic, non-irritating to the skin, and thermally stable. It exhibits strong ultraviolet (UV) absorption capabilities, providing shielding effects against both UVA (long wave 320-400nm) and UVB (medium wave 280-320nm). After nano-sized transformation, the surface area of zinc oxide increases, enhancing the contact surface with bacteria and improving the efficiency of antibacterial effects.



Patented cinnamon extract - polyester and nylon

- long-lasting antibacterial and anti-odor effect
- non-irritated to skin, non-toxic
- anti-static

Cinnamon, a spice plant with a history dating back to ancient Egypt, derives its natural fragrance from a compound known as " cinnamaldehyde." This aldehyde organic compound possesses antioxidant properties and the ability to inhibit bacterial growth. Through patented technology, the natural cinnamon extract is incorporated into the masterbatch, endowing textiles with long-lasting anti-odour and antibacterial effects.

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High-temperature calcined oyster shell - polyester and nylon

- long-lasting antibacterial and anti-odor effect
- non-toxic
- anti-static
- anti-ultraviolet

Oysters are cultivated along coastlines and are rich in minerals from the ocean. By taking discarded oyster shells and subjecting them to high-temperature calcination to create a natural antibacterial ingredient, the powder of shells is added to the master batch. This addition imparts textiles with long-lasting anti-odor, antibacterial, far-infrared radiation, and low thermal conductivity characteristics.

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Elevate your products with antibacterial fabrics

In today's competitive market, innovation is essential. New Uberty, a leading fabric manufacturer in Thailand, is proud to present our advanced antibacterial textile series. Our fabrics are designed to meet the highest standards of safety and performance, making them ideal for industries requiring top-quality antibacterial products.

- Exceptional Protection: Our fabrics are infused with cutting-edge antibacterial agents, providing superior protection against bacteria and ensuring a hygienic environment.
- Unmatched Comfort: Soft, breathable, and gentle on the skin, our textiles enhance the comfort of your products, making them a favourite among consumers.
- Durability: Designed to withstand frequent washing and heavy use, our antibacterial fabrics maintain their protective properties and quality over time.

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Transform your product line with our innovative textiles and meet the growing demand for health-conscious and high-quality fabrics.

Contact us today to learn more!

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