APPLICATIONS

Washable anti-germ nano fabric (special for clothing) is designed to not only inhibit the growth of microorganisms such as bacteria, fungi, and viruses but also kill them on the spot. This fabric can be used in a variety of applications including healthcare (for bedding, uniforms, and medical equipment to reduce cross-contamination and infection risks), hospitality (for bedding and upholstery to maintain hygiene standards), sportswear (to reduce sweat odors and bacterial growth in clothing), residential and furniture upholstery (to enhance cleanliness and hygiene in homes and public seating areas), outdoor applications (to prevent mold and mildew), as well as clean rooms and laboratories (to maintain sterile conditions).

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Researched, Designed & Manufactured in Hong Kong

POWERED BY NASK NANO®
INVISIBLE TO INVINCIBLE

R&D at Hong Kong Science & Technology Park and Production at its Advanced Manufacturing Centre

WASHABLE ANTI-GERM NANO FABRIC

SPECIAL FOR CLOTHING

TNCA-18

KEY FUNCTIONS & BENEFITS

MICROBIAL INHIBITION

Prevent the growth of harmful microorganisms, thus reducing the risk of infections and contamination

ODOR CONTROL

Inhibit bacteria that cause odors, and hence keep products smelling fresher for longer

ENHANCED DURABILITY

Extend the life of textiles by reducing the need for frequent washing and preventing microbial degradation

VERSATILE FUNCTIONS

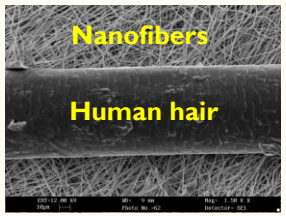
Possess versatile functions according to the requirements of the target product: Super-hydrophobicity for waterproof clothing, effective fluid redistribution for period panties, thermoregulation for outdoor clothing, far infrared emission for sportswear, etc.

EXCELLENT BREATHABILITY

Possess excellent breathability (25% higher than the best performing commercially available functional membrane with similar water pressure resistance) due to the extremely high porosity of the nanofibers and the use of a proprietary formulation for forming the nanofibers

ADVANCED TECHNOLOGY

NANOFIBER TECHNOLOGY



- ✓ Allow effective and enhanced water vapor transfer by both physical mode and chemical mode, leading to excellent breathability
- ✓ Can be functionalized for various purposes (e.g. far infrared emission, warming / cooling, antimicrobial, etc.)