

# A New Standard for PPE: Antimicrobial 'TorTex' Fabric Prevents 99.9% of Bacteria & Virus

The recent outbreak of COVID-19 has highlighted the crucial role played by medical protective clothing in ensuring the safety of health care workers, their patients and the general community.

Personal protective equipment (PPE) is crucial to preventing the transmission of infectious diseases and the pandemic has prompted several of the industry's key players to innovate. There has been a particular focus on the rapid development of antiviral fabrics, and on the development of fabrics with sustainable and environmentally-friendly fibres.

## Leading the Development of Antimicrobial Fabric

HealthTextiles, a leading innovative manufacturer that combines the latest technologies with heritage craftsmanship for world-class production of PPE, is at the forefront of the development of such fabrics with its patented TorTex fabric.

HealthTextiles is the first in the world to develop TorTex fabrics, with its unique patented design and antimicrobial properties scientifically proven to prevent 99.9% of virus and bacteria and reduce the risk of infection by 20x compared to standard PPE fabrics.



# TorTex Advantages



## Antiviral Fabric

Prevent 99.9% of H1N1 virus & Staphylococcus aureus bacteria verified by SGS



## Stronger Protection

Reduces the risk of H1N1 infection by 20x compared to standard fabrics



## Sustainable Alternative

Sustainable Alternative

Made from optimal level of sustainable and biodegradable natural fibres, TorTex helps lower the impact of single-use medical protective clothing items on the environment.



## Environmentally Friendly

TorTex organic antimicrobial capability is without coatings such as silver / nano silver. By avoiding silver, TorTex helps reduce the risks of antibiotic resistance and environmental pollution. TorTex does not release any harmful substances that have been verified by Hohenstein.

*“These are amazing results for TorTex, that could lead to safe working conditions for coronavirus first responders and healthcare workers, protect many lives and open new market opportunities for HealthTextiles, especially in this time of pandemic,”*

### Zara Pons Vila

PhD and Manager of Strategic Initiatives at EIT Health.





## Some Results Achieved By Our Partners

Using TorTex fabric, healthcare providers are able to significantly reduce the risk of healthcare-associated infections (HCAIs) among nurses, doctors and their patients.



Reduce the risk of HCAIs  
by 20x



Decrease chance of  
cross-infection between  
patient and healthcare  
worker



Low chance of  
contamination from  
PPE when adjusted or  
removed by staff

## About HealthTextiles

HealthTextiles is a leading Swedish manufacturer with a mission to save lives and decrease costs for the healthcare sector by developing innovative new healthcare uniforms and textiles. Offering unique anti-microbial uniforms with Swedish quality and design, their uniforms can be found in hospitals, health clinics and care homes across Europe, with the company set to expand globally in 2021. HealthTextiles is supported by EIT Health.

*“In Sweden alone, health associated infections from bacteria exposure in hospitals cost 6-7 billion SEK annually, with 9% of people admitted contracting a healthcare-associated infection during their hospital stay,” says HealthTextiles founder Tomas Persson. “Within the crowded, chaotic environments at hospitals and care homes, our patented TorTex fabric provides the protection that healthcare workers need to save lives and stay safe throughout the work day.”*

To learn more about TorTex please get in touch via [info@healthtextiles.com](mailto:info@healthtextiles.com)