

'TORAY'

See it **SAFE**[®]

visible protection

x-static
THE SILVER FIBRE



ANTI-MICROBIAL

A visible Pure Silver product that has clinically proven to eliminate 99.9% of over 800 micro-organisms, including MRSA, in less than one hour of exposure.

A range of technical textiles engineered for use within the Health Care Sector to combat the spread of Hospital Acquired Infections.

The properties of the inherent pure silver yarn work by the process of ionisation, which effectively suffocates microbial activity.

Our products still require cleaning and should not be considered either as a replacement or an alternative to good hygiene practices. However, they do provide the optimum level of due diligence currently available against the proliferation of disease-causing bacteria in a wide range of areas where there is potential for growth.

The anti-microbial agent in our fabrics is present and active for the life of the finished product. It will not be washed out or rubbed off with repeated contact and does not inhibit the flame retardant properties of the product.



ANTI-ODOUR

The silver yarn inhibits the growth of odour-producing bacteria. The silver ions also bind with ammonia and denatured proteins resulting in odour reduction.



ANTI-STATIC

Silver is the most electrically conductive element. Two non-conductive materials rubbing together normally create an electrical charge. These are instantly dissipated by the pure silver yarn in our products, which, will remain static free and help the end user to remain comfortable.

The static free product will not attract bacteria carrying lint or skin squamae.



THERMO-DYNAMIC

Besides eliminating bacteria and odours, silver is thermally the most conductive and reflective element. Conduction, the primary cause of body heat loss in hot temperatures, is accelerated due to the conductivity of the fibre.

Our products will help to regulate temperature. When used in sheeting, for example, it will help to keep the body cool in warm climates and warm in cool climates.

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