

→ Choosing silver

and choose the best silver

A clean environment is gaining importance these days, especially in hospitals and healthcare environments. Statistics prove that it is absolutely necessary to implement good cleaning and disinfection procedures in order to prevent microbial contamination of patients when they are in a hospital or aged care facility.

Every location within the hospital is at risk of being contaminated when it is not properly disinfected. This is particularly important when it comes to patients' beds and their mattress covers as this is where the patients spend most of their time.

Adding an anti-bacterial product to the coating of mattress covers helps to improve the patients protection. This treatment is based upon the use of "silver technology"

So why Silver?

There has been a lot of talk about Silver and its usage as an anti-bacterial agent, especially in the Healthcare sector. This is due to the antimicrobial activity of silver and its low toxicity to human cells. Silver is probably the oldest known antibacterial agent. There are references dating back to Roman days of Hippocrates, when people used to throw silver coins into water jugs to prevent microbial infection.

1. It is a broad-spectrum, antimicrobial agent.
2. It is able to exert a bacteriicidal effect at minute concentrations.
3. Silver-based, antibacterial systems are the most environmentally sensitive in the market.

Why choose the Bravo™ Silver range.

- > Controlled release of silver ions to prevent bacterial growth:

The silver ions used in Bravo™ Silver products are held in a carrier matrix which slowly releases these ions over time and with the action of humidity. This carrier matrix has a very poor water solubility, which means that our Silver still retains its anti-bacterial property after many washings. The Bravo™ Silver has a 99.9% proven silver activity after 10 washes at 95°C.

If products using Bravo™ Silver don't get washed often, and are mainly wiped clean as in the case of most hospital mattresses, then the silver activity will last even longer.

- > The particle size of Bravo™ Silver:

The size of silver particles used in Bravo™ Silver are much bigger than the nano-scale additives used in some competitors' products. The nano particles are so fine and small, that it raises some concerns that they may be picked up very easily and efficiently by the human respiratory system and enter the cellular membranes.

In contrast, there is no risk of the Bravo™ Silver particles entering the cellular membranes due to their much larger size. It is even approved by FDA for food contact applications.

- > Unlike some other products in the market, there are no problems with discoloration of the coating. The Bravo Silver finish does not require

any additional binders to ensure that it remains in the coating, and active, for the longest possible time.

- > Bravo™ fabrics are tested according to ISO 16603:2004 & ISO 16604:2004 proving the fabrics to be a complete barrier against (synthetic) blood, and against viruses.
- > Bravo™ fabrics use the Santized® Silver technology which has been certified to the Oeko-Tex® 100 Class 1 level as safe for use against the skin of babies and infants. It has also been Blue Sign® approved as safe to manufacture and environmentally safe to use.

When it comes to patient safety, you should not ignore, or compromise, on the importance of the anti-bacterial properties of your mattress covers. The Bravo™ Silver range of mattress covering fabrics provide the confidence that you are doing the best for your patients.

BRAVO™ – the optimum choice for reliability, performance and protection.

Nigel J. Parsons,
B.Sc., Grad. Dip. Qual. Mgmt.,
Technical Support
Charles Parsons & Co P/L.,
1300 147 887
www.charlesparsons.com.au

Ask for it by name.

bravo™
barrier textiles



bravo™

**Comfortable, durable, trusted
mattress protection.**

INFECTION CONTROL

BRAVO™ Barrier Textiles are highly effective in assisting with infection control. They are anti-bacterial and anti-fungal, forming a barrier to fluids, blood and viruses.

The BRAVO™ range can also be treated with a superior silver coating offering maximum protection against bacteria. This coating is very powerful against a broad spectrum of gram-positive and gram-negative bacteria, especially MRSA.

Our products have a strong chemical resistance to the commonly used hospital disinfectants. The BRAVO™ Excel coating has the best resistance to chlorine of any coating in the market. This is particularly applicable when combating C-Diff infections (Clostridium Difficile).

PRESSURE CARE MANAGEMENT

The naturally soft and supple feel of the BRAVO™ polyurethane coated fabrics, coupled with the highly flexible 2-way stretch, aids in reducing pressure points and skin tears. BRAVO™ Barrier Textiles are 100% fluid proof, but breathable at the same time, thus providing superior patient comfort and skin protection.

Call 1300 147 887

Sydney, Melbourne, Brisbane, Adelaide, Perth, Auckland
www.charlesparsons.com.au

CHARLES PARSONS
Technical Est. 1915