



# BIZ CORPORATES

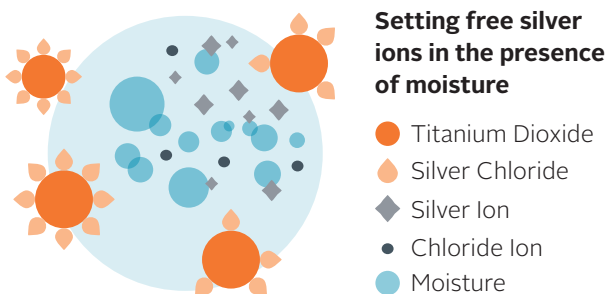
WITH **ADVATEX**

Cutting edge technology works in harmony with style, as a range of Biz Corporate classics get the advantage of bacteria control.

ADVATEX by Biz Corporates heralds a new era in infection control. Designed specifically for Healthcare and Aged Care environments, ADVATEX limits the spread of bacteria from care giver to patient via their workplace apparel. The technology behind ADVATEX was developed from the long-proven history that the element silver has a bacteriostatic effect. To create ADVATEX the element Silver has been converted into a Silver Compound, this highly efficient, microscopic compound is then applied to our textiles via a unique coating procedure. Once coated the ADVATEX fabric is able to not only resist bacteria, but actively eliminate it.

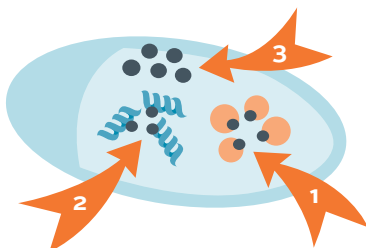
### How does ADVATEX work

The anti-microbial effect of the natural element silver is exclusively based on free silver ions. Due to the 'triple effect' mechanism technology, silver ions with a positive charge have bacteriostatic effects.



### Effect Mechanism

- 1 Blocking oxygen – transporting enzymes
- 2 Inactivating Sulphur-containing proteins of the bacteria
- 3 Locking the cell membrane



Note: This is not approved by the USA EPA and hence not valid for the USA.

### Absolute Product Safety

Cytotoxicity test shows silver ion technology has no influence on the natural balance of the skin. The fresh effect develops in the textile, leaving the skin unaffected and fully functional.

### Environment Care

ADVATEX for effectiveness only requires using low temperature wash using less energy and preserving CO<sub>2</sub> balance. The active silver ingredient cannot be washed out of the textile. Added benefit of using ADVATEX is the washing machine stays clean.

ADVATEX combines the easy care benefits, style and comfort you'd expect from Biz Corporates with unbeatable bacterial control.



INFECTION CONTROL

The range of 8 bacteria tested for the ADVATEX range is as follows:



EASY CARE

- Staphylococcus aureus
- Methicillin Resistant Staphylococcus aureus (MRSA)
- Escherichia coli (Ecoli)
- Klebsiella pneumonia
- Listeria monocytogenes
- Enterobacter aerogenes
- Pseudomonas aeruginosa
- Corynebacterium xerosis

ADVATEX will control the above bacteria strains with an effectiveness of between 80% and 99%. Textiles are tested at 40°C across 40+ washes, knitwear is tested at 40°C across 30+ washes. (Bacterial control, as described above, for the life of the garment can be extended by using an ADVATEX Booster additive)

ADVATEX also includes the application of an 'easy care' technology to cellulosic fibre garments.