



Medical Bedscreens & Hospital Curtains Specifications



The Tradewinds range of medical textiles incorporates **PureTex**, which is a Natural Silver Anti-Microbial System.

PureTex is a collection of state of the art textile applications that uniquely and powerfully harness the natural anti-bacterial powers of silver.



PureTex is the most advanced 3rd generation silver antimicrobial technology available. It offers unmatched effectiveness, sustainability, durability, and flexibility, making it unique in comparison with the many inferior silver salt technologies used today. **PureTex** is environmentally responsible as fabrics need to be washed less and will last longer, it offers ultimate recyclability – the silver we take from nature, will eventually return to nature.

It is more effective than the competition because of its structure. Each silica particle contains many smaller silver particles – meaning particles are embedded throughout the whole structure. This combination gives the material immediate antimicrobial activity combined with long-term durability.

The application of **PureTex** is via a number of application methods including pad, exhaust, spray or foam. A Master Batch option is also available. Depending on each given scenario, the active silver component can either be incorporated within the fibre or attached to the surface during manufacturing.

Key Benefits:

- Unparalleled freshness and odour-control - the natural way.
- Uses the most advanced silver technology currently available.
- Effective even under extended and rigorous use.
- Ideal for asthma and allergy sufferers.
- Ideal for sports & active wear, outdoor gear, underwear, socks, home, commercial and medical textiles.
- Oeko-Tex 100 approved.

Testing:

Within 6 hours after treatment with **Pure-Tex**, there was a >99.9% reduction of bacteria (Staphylococcus Aureus)

Test Reference: AATCC 174/1



Approval:

- Safe and Non-Toxic Chemistry.
- Non skin-sensitising.
- No impact on waste water treatment plants.
- Broad Registrations, US EPA, BPD 98/8/EC
- Oeko-Tex 100 - Confidence in Textiles.



Tradewinds Hygiene Privacy Screens

Tradewinds range of curtains matches the specifications determined by the Western Cape Department of Health. Our fabrics are available with **PureTex** Anti-Microbial properties and are guaranteed for a period of 5 years, Customised prints are available upon request.

Material Specification

SABS Approved	PC64 / PCD20	SABS Approved	PC74 / TMP40
Composition	40% Polyester, 60% Cotton	Composition	100% Polyester
Weave	2/1 Twill "S"	Weave	55-9 D-Tex Dull Flat Polyester
Tensile Strength	Warp: 900 Weft: 600	Tensile Strength	Warp: 900 Weft: 600
Stability	Warp: 25 Weft: 26	Stability	Warp: 22 Weft: 21
Colourfastness	Wash: 4 Rub: 4	Colourfastness	99%
Ruflette	5 – 10cm Wide	Ruflette	5cm Wide
Mass	170 Grams per m ²	Mass	117,33 Grams per m ²
Heavy Duty, Durable Fabric		Heavy Duty, Durable Fabric	
Shrink Free		Shrink Free	
Stain Resistant		Stain Resistant	
		Crease Resistant	
Nylon Free		Nylon Free	
Interchangeable in Size & Colour		Interchangeable in Size and Colour	



Tradewinds Window Curtains

Tradewinds range of window curtains offer the same Anti-Microbial properties as the PureTex bedscreens. We have a standard range or we are able to supply any fabric and/or pattern to coincide with the projects design.

SABS Approved	PC64
Composition	40% Polyester, 60% Cotton
Weave	2/1 Twill "S"
Tensile Strength	Warp: 900 Weft: 600
Stability	Warp: 25 Weft: 26
Colourfastness	Wash: 4 Rub: 4
Ruflette	5 – 10cm Wide
Mass	170 Grams per m ²
Heavy Duty, Durable Fabric	
Shrink Free	
Stain Resistant	
Nylon Free	
Interchangeable in Size & Colour	





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