

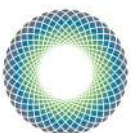


endurocide[®]

ANTIMICROBIAL & SPORICIDAL CURTAINS

Not all curtains
are the same

Distributed in Australia by:



LATERAL
MEDICAL

lateralmedical.com

Hospital Acquired Infections

The facts



Pathogens can survive on hospital surfaces for days or weeks, making curtains important vehicles for the transmission of pathogens¹

93%

of tested laundered (fabric) contained bacteria that could result in healthcare-associated infections...
...Traditional hospital laundering practices are not sufficient to remove all viable bacteria²

92%

of traditional curtains become recontaminated within 1 week¹



C.difficile spores & MRSA can survive on surfaces in excess of 5 months³



Contamination occurs rapidly after curtains are placed in the hospital environment¹

1. Ohl, Michael; Schweizer, Marin; Graham, Maggie; Heilmann, Kristopher; Boyken, Linda; Diejema, Daniel "Hospital privacy curtains are frequently and rapidly contaminated with potentially pathogenic bacteria" American Journal of Infection Control (2012)

2. Karen McIntyre "Hospital Laundering Practices linked to HAI's" www.nonwoven-industry.com (May 2013)

3. Kramer, Axel; Schwebke, Ingeborg and Kampf, Günter "How long do nosocomial pathogens persist on inanimate surfaces? A systematic review" BMC Infectious Diseases (2006), 6:130

endurocide®

ANTIMICROBIAL & SPORICIDAL CURTAINS

The world's first Antimicrobial & Sporicidal Disposable Curtain

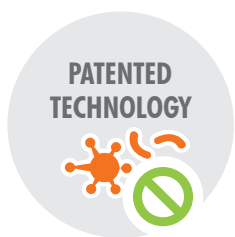
Semi-permanent curtain
with antimicrobial and
sporicidal effectiveness
of up to 2 years*

Effective against:

- ✓ Spores
- ✓ Mycobacteria
- ✓ Bacteria
- ✓ Fungi

Benefits & advantages

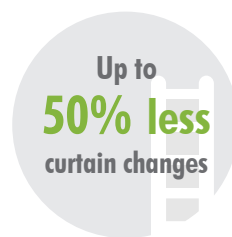
Endurocide Antimicrobial & Sporicidal Curtains® significantly reduce the risk of hospital acquired infections (HAIs) being transferred via curtains by care workers, patients and visitors.



PEER REVIEWED
fully patented
hospital curtain



OVERALL SAVINGS
over 2 years



REDUCING RISK
& staff workloads



NO LAUNDERING
retaining fire retardancy

- ✓ Long lasting (up to 24 months)
- ✓ Fitted with tiebacks
- ✓ 100% recyclable
- ✓ Breaks the chain of infection
- ✓ Lightweight
- ✓ No track conversion
- ✓ No laundry costs
- ✓ Self-auditing & privacy labels
- ✓ Fire retardant†

*Endurocide® Antimicrobial & Sporicidal Curtains have been independently tested to remain antimicrobially and sporicidally effective for up to two years in-situ. However, actual length of curtain use will depend on individual hospital practices and the risk of the curtain being soiled from items such as blood, urine and general spills. Curtains should be replaced when visibly soiled. Timescales are given as guidelines only.

† Meets international standards NFPA 701, AS 2755.2 - 1985, BS 5867 part 2 Types B & C 2008 and AS 1530.2-1993 part 2

Testing & trials

To validate our claims, Endurocide® Antimicrobial & Sporicidal Curtains have been independently tested in the laboratory to international standards. In addition, the curtains have undergone successful peer review trials in the UK, Australia, South Africa, South America and the Middle East.

Laboratory fabric testing

1 Sporistatic & Bacteriostatic Testing

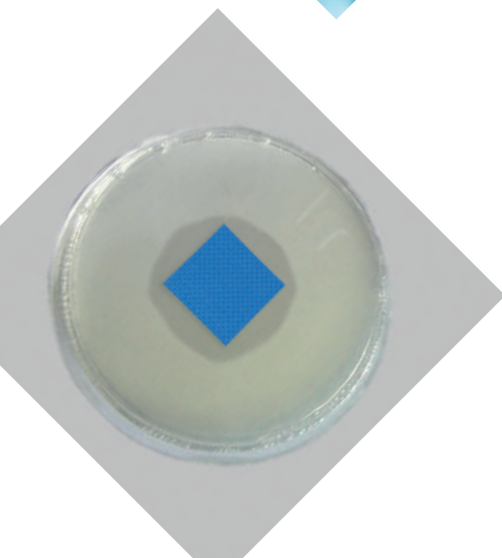
Qualitative “Zone of Inhibition” tests demonstrate that the fabric is sporistatic and bacteriostatic and whether it can prevent pathogens from growing and reproducing on treated fabric.

2 Sporicidal & Bactericidal Testing

Quantitative tests to demonstrate that the treated fabric is capable of killing spores, bacteria and fungi.

3 One Year & Two Year Testing

Tests conducted on the Endurocide® Antimicrobial & Sporicidal Curtain fabric one year and two years after manufacture, to demonstrate that the treated fabric remains active and effective.



Endurocide® Antimicrobial & Sporicidal Curtains are tested and proven to be effective against the following pathogens:

Spores

- C.difficile

Mycobacteria

- Mycobacteria tuberculosis

Fungi

- Aspergillus niger
- Candida albicans

Viruses*

- H1N1 Influenza A Virus (Swine Flu)

*Tested against liquid

Bacteria


- Acinetobacter baumannii
- E.hirae
- E.coli
- Extended-Spectrum Beta-Lactamase (ESBL) E.coli
- Extended-Spectrum Beta-Lactamase (ESBL) Klebsiella pneumoniae
- Klebsiella pneumoniae
- Methicillin-resistant Staphylococcus aureus
- Pseudomonas aeruginosa
- Salmonella choleraesuis
- Salmonella typhimurium
- Vancomycin-resistant Enterococcus faecalis


Advanced patented infection prevention technology


Endurocide® Antimicrobial & Sporicidal Curtains are the next generation of hospital curtains. Proven to be effective against spores, bacteria and fungi


How Endurocide Antimicrobial & Sporicidal Curtains® work


Unlike traditional polyester curtains or untreated curtains that **can store bacteria**, Endurocide® curtains are impregnated with a patented liquid formulation that **traps and kills pathogens** on the surface of the curtain, helping to prevent the fabric from becoming a source of pathogenic transmission.

- 

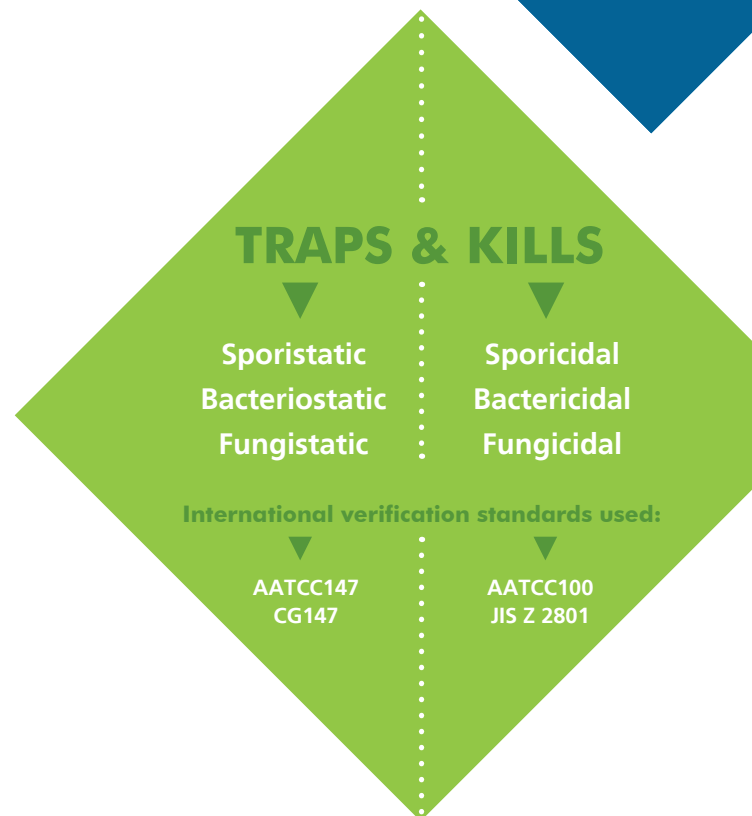
1 Hand touches contaminated surface and picks up pathogens
- 

2 Contaminated hand touches an Endurocide® Antimicrobial & Sporicidal Curtain - pathogens may be transferred to the curtain surface
- 

3 The Endurocide® curtain is **SPORISTATIC - pathogens are trapped** and unable to escape
- 

4 The Endurocide® curtain is also **SPORICIDAL - pathogens are killed**
- 

5 The Endurocide® curtain prevents potential retransmission of pathogens to other people or surfaces - **breaking the chain of infection**



Independent Peer Review 2-year Trials

1 American Journal of Infection Control 24 month trial

In 2016, a report was published in the American Journal of Infection Control testing the antibacterial efficacy of Endurocide® Antimicrobial & Sporicidal Curtains 24 months after installation.

The test, organised by one of Australia's largest public health services (including testing in Monash Hospital, Melbourne) was carried out every six months over a period of **twenty-four months**. Zone of Inhibition and Contact Inhibition testing was conducted against a range of multi-resistant microorganisms, including:

- Gram positive bacteria (MRSA, VRE *E.faecium*)
- Gram negative bacteria (*Pseudomonas aeruginosa*, ESBL *E.coli*)
- Fungi (*Candida albicans*)
- Spores (*Clostridium difficile*)

*The cost savings were based on comparing the use of Endurocide® Antimicrobial & Sporicidal Curtains with traditional cotton cubicle curtains, not only in regards to the initial purchasing costs but to the saving of labour and laundering over two years.

COST
REDUCTION
50%



Excellent results were achieved... when tested at baseline, **6, 12, 18 and 24 months**.

There were cost benefits for replacing standard fabric curtains with Endurocide® Sporicidal and Antimicrobial Curtains... cutting the overall cost by more than 50%*



2 European Peer Review Trial 1

Comparison of bacterial loading of Endurocide® Antimicrobial & Sporicidal Curtains against traditional cotton curtains used in-situ in a hospital ward. After 10 days swabs were taken from the edge of each curtain.

Results:

Traditional Curtain	Endurocide® Antimicrobial & Sporicidal Curtain
MORE than > 150,000 CFUs	LESS than < 30 CFUs

3 European Peer Review Trial 2

Comparison of bactericidal properties of Endurocide® Antimicrobial & Sporicidal Curtains fabric and untreated polypropylene.

4 NHS Hospital Trial

Evaluation by a leading NHS hospital trust in England comparing Endurocide® Antimicrobial & Sporicidal Curtains against traditional polyester curtains across two busy wards throughout an 8 week period.



If your hospital would like to conduct its own trial please get in touch:

Tel: +61 7 3139 0868
contactus@lateralmedical.com
lateralmedical.com

Options & specifications

Curtain colours & types

Standard Colours

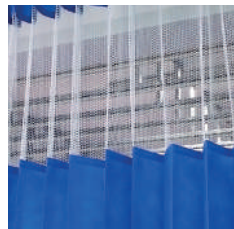


Other colours available on request



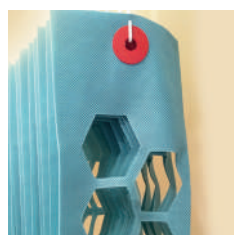
Standard

100% polypropylene, designed for use with suspended ceiling rails



Mesh top

With NFPA 13 compliant (American smesh, designed for use with ceiling-fixed rails)

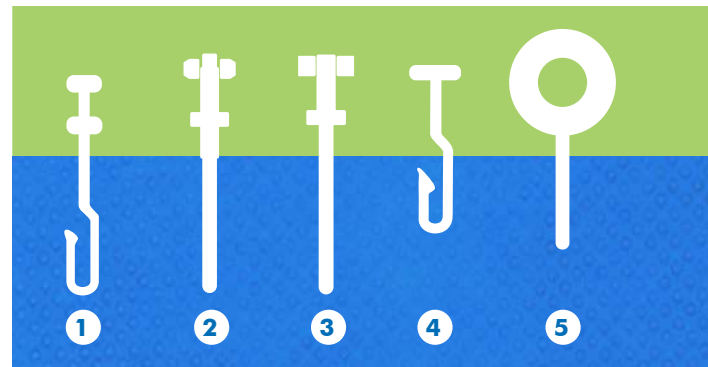


Mesh cut

100% polypropylene, with a hexagonal mesh cut on the upper section and double pleating on the front and back pleats.

Hanging systems

Hospital track systems vary, however we have an ex-stock range of alternative glider and hooks which will fit most existing hospital curtain tracks.

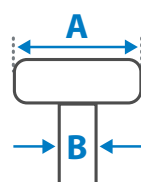


- 1 Quick-fit** Code **QF**
 One piece hook, pre-fitted onto curtains, allows quick and easy fitting onto track.
- 2 Wide-wheeled** Code **WWH**
 Included integral wheels for smoother movement - fit in same railings as Large-top.
- 3 Metal Bar Wide-wheeled** Code **MWW**
 Similar to the wide-wheeled hook but with a metal axle pin.
- 4 Large-top** Code **LT**
 Similar to the Quick-fit hook but with a larger head to fit wider channels.
- 5 Eyelet extension** Code **EEH**
 Designed for easy fitting with hooks that are already in place.

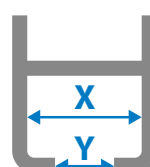
Choosing the correct hook

When choosing the type of hook you order with your curtain, it's important that you order the correct size to fit your railing. There are two ways to help ensure the hook will be suitable for your railing:

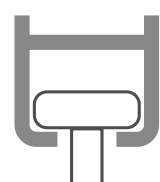
Take the **measurements of your existing hooks**. The two dimensions you require are head/glider width (**A**) and neck width (**B**).



If available, use the **inner measurements of your railing**. The two dimensions you require are inner width (**X**) and channel width (**Y**).



These measurements will make sure your hook fits in your railing and is neither too big (won't fit) nor too small (will fall out)!



Quick hook size guide

Hook type	Order code	Head Width (A)	Neck width (B)	Suitable for railing*
Quick -fit	QF	10.0mm	4.0mm	Silent Gliss 6100
Large-top	LT	14.0mm	3.0mm	Movatrack 100
Metal wide-wheel	MWW	14.0mm	4.5mm	Movatrack 100
Wide-wheeled	WWH	12.0mm	4.5mm	Movatrack 100
Eyelet extension	EEH	N/A	N/A	N/A

* The railings given are examples of commonly available systems - it is not meant to suggest that this is the only system that these hooks are suitable for use with.

Curtain dimensions

Curtain Width	Full	Medium	Half
STANDARD CURTAIN			
Height	2.0m	2.0m	2.0m
Width	7.5m	5.55m	3.75m
Pleat width	0.15m	0.15m	0.15m
Eyelets	50	37	25
Hooks (if ordered)	27	20	14
Curtains per box	6	8	12
MESHTOP CURTAIN			
Height	2.4m	2.4m	2.4m
Width	7.5m	5.55m	3.75m
Pleat width	0.15m	0.15m	0.15m
Eyelets	50	37	25
Hooks (if ordered)	27	20	14
Curtains per box	5	7	10

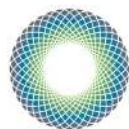
Order codes

Section	Option	Order code
1 CURTAIN TYPE	Standard	SC
	Mesh top	SMT
	Mesh cut	SMC
2 WIDTH	Full width	FW
	Medium width	MW
	Half Width	HW
3 HANGING SYSTEM	Eyelets only (ie no hooks)	E
	Quick-fit hooks	QF
	Metal bar wide-wheeled	MWW
	Wide-wheeled hooks	WWH
	Large-top hooks	LT
	Eyelet extension hooks	EEH
4 COLOUR	Medical blue	MB
	Pastel blue	PB
	Pastel green	PG
	Pastel yellow	PY
	Lilac	LI
	Grey	GY
	Teal	TE
	Latte	LA



Not sure about anything? Please get in touch and we can provide advice as well as sample packs of all the hooks available.

Distributed in Australia by:



LATERAL MEDICAL

contactus@lateralmedical.com
 +61 7 3139 0868
lateralmedical.com

Bio Technics Ltd. Linton Business Park, Gourdon, Aberdeenshire, Scotland, UK DD10 0NH | Tel: +44 (0) 1561 361515 | info@endurocide.com | endurocide.com



Endurocide® is the healthcare division of Bio Technics Ltd, based in the UK. Endurocide® is a Registered Trademark of Bio Technics Ltd.

Disclaimer: Every effort has been made to ensure that the information presented is correct at the time of publication. However, Bio Technics Ltd does not assume and hereby disclaims any liability to any part for any loss, damage, or disruption caused by errors or omissions resulting from negligence, accident, or any other cause. Bio Technics Ltd makes no reference to any specific brand of competitor products. The data supplied is for guidance purposes only and is therefore without guarantee. Any opinions expressed in this publication are not necessarily those of Bio Technics Ltd and are not for onward publication without consent.