

Midmed Anti-Microbial Disposable Hospital Curtains

Fire exit

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Disposable Hospital Curtains

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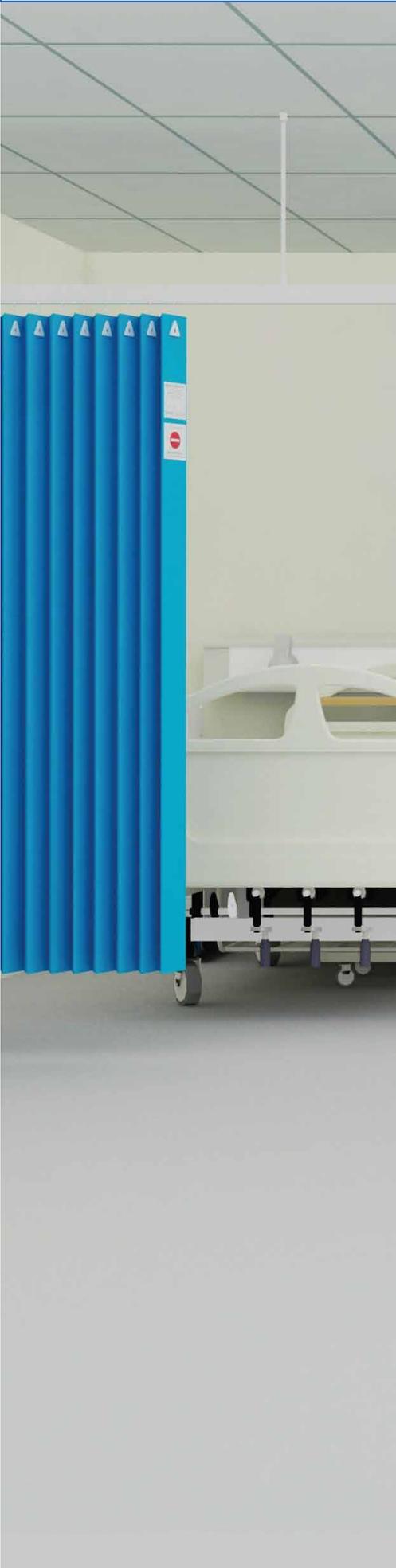
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Why Change to Midmed Antimicrobial Disposable Curtains?

Reducing: Healthcare Associated Infections (HAIs)

Traditional fabric curtains, though washed regularly, can retain infectious pathogens, posing a risk of cross-contamination between patients and staff. Disposable curtains, on the other hand, are designed for single use, significantly reducing the chances of infection transmission!

Saving Money

A traditional fabric curtain costs times than a disposable curtain and requires high operational cost in terms of man-hours and quarterly washing, while disposable curtains cost zero on this.

Saving Time

Disposable curtains were much easier to hang or remove due to their lighter weight than traditional fabric curtains.

100% Recyclable

Made of 100% polypropylene non-woven fabric, are 100% recyclable as non-clinical waste to ensure that the disposals are safe and environmentally friendly.



Midmed antimicrobial disposable curtains are designed to fit most existing hospital tracks, are the quick, economical and hygienic alternative to conventional cubicle curtains.

Reference: Jeremy Lim, Operations Admin and Material Management; Priscilla Han, Infection Control, Nursing; Mark Tan, Operations Admin, National Cancer Centre Singapore. "Risk assessment on use of traditional curtains vs disposable curtains in terms of cost effectiveness, work processes and infection control concerns." Singapore Healthcare Management (2018)

Treated with Ultra-Fresh Built-in Antimicrobial Technology



**Safe to Use
Long Lasting Protection.**



Unlike disinfectant coating which provides a limited residual activity once the treated surface dies, Ultra-Fresh built-in antimicrobial technology works to continuously minimise the presence of microbes throughout the entire life-cycle of a curtain.

KEY FACT: Even after disinfection, bacterial numbers rebound by 2 hours!

Integrated Ultra-Fresh protection will remain present in Midmed disposable curtains for its expected lifetime. The built-in technology will not wash off, wear away or leach out.



Protection for the lifetime of the curtain.

Ultra-Fresh antimicrobial technology is not a spray-on but built-in to the polymer structure of the non-woven fabric at the point of manufacture. The antimicrobial active components are evenly distributed throughout the whole curtain. Its efficacy covers the entire lifespan of the curtain.



Australian Government
Department of Health and Aged Care
Therapeutic Goods Administration

*Microban® is a registered trademark of Microban Products Company.

Microban Ultra-Fresh CA-16 is not formulated with, and does not contain, any of the following substances:

- a) Lead; b) Mercury; c) Cadmium; d) Hexavalent chromium; e) Polybrominated biphenyls (PBBs);
- f) Polybrominated diphenyl ethers (PBDEs); g) Bis(2-ethylhexyl) phthalates (DEHPs); h) Butyl benzyl phthalates (BBPs);
- i) Dibutyl phthalates (DBPs); or j) Diisobutyl phthalates (DIBPs)

How Does Ultra-Fresh Work? Built-in Technology VS Coating

How Does Ultra-Fresh Work?

Ultra-Fresh antimicrobial technology works at a cellular level to continually disrupt the growth and reproduction of microorganisms. It operates a multi model attack, damaging the protein, cell membrane, DNA and internal systems of a microbe. Once built into a curtain, Ultra-Fresh technology will start to work as soon as a microorganism comes into contact with the protected curtain surface

How Does Ultra-Fresh antimicrobial additive differ from disinfectants?

Unlike disinfectant coating which provides a limited residual activity once the treated surface dies, Ultra-Fresh built-in antimicrobial technology works to continuously minimise the presence of microbes throughout the entire life-cycle of a curtain. See the differences between disinfectants coating and Ultra-Fresh built-in antimicrobial technology applied on disposable curtains on the table below.

	Built-in Antimicrobial Technology	Disinfectant Coating
Product Form	Masterbatch	Liquid Form
Treating Method	Built into Polymer Structure of Fabric	Coating on Surface of Fabric
Effectiveness	Long Lasting	Short & Limited
Treated Curtain Surface	Dry & Smooth	Wet & Sticky
Wipe Clean	YES	NO
Allergic Risk	NO (Oeko-Tex Certified)	YES
Safe for Children	YES (TGA Approved)	NO

*Disclaimer: The comparative information of disinfectant in the above table are only applicable to disinfectants coated on disposable curtains made of non-woven fabric.

Global Laboratory Testing

Antimicrobial & Antiviral / Fire retardant

Curtain Fabric Testing

Midmed disposable hospital curtains treated with Ultra-Fresh technology are tested for their antibacterial and antiviral efficacy in accordance with internationally recognised test standards ISO 20743 and ISO18184.

ISO 20743: Determination of antibacterial activity of textile products. ISO 20743 specifies quantitative test methods to determine the antibacterial activity of all antibacterial textile products including non-woven fabric.

ISO 18184: Determination of antiviral activity of textile products. ISO 18184 is an antiviral textile test that measures virucidal antimicrobial activity on textiles, non-woven and other porous materials against specific viruses.

Three Years Testing

Tests for antimicrobial activity have been conducted on Midmed curtain which was used for three years. The curtain has been proven to still kill up to 99.99% of bacteria.



Bacteria	International Standards	Log Reduction
E. coli	ISO 20743	4.40
S. aureus	ISO 20743	3.60
MRSA	ISO 20743	4.40
VRE	ISO 20743	3.30
Ps. aeruginosa	ISO 20743	4.30
E. faecalis	ISO 20743	4.40
A. baumannii	ISO 20743	4.50
K. pneumoniae	ISO 20743	5.90
S. enteritidis	ISO 20743	5.60

Viruses	Antiviral Active Value
Human Coronavirus (HCoV-229E)	99.99%
H1N1 Influenza A virus (Swine Flu)	99.99%
Human enterovirus 71 (EV-A71)	99.99%
Coxsackievirus A21	99.63%
Adenovirus type 3	99.56%

Fire retardant standards

Midmed disposable curtains have been tested to the following international standards by SGS:

Country	International Standards
Australia	AS 2755.2-1985
New Zealand	AS/NZS 1530.3: 1999

Midmed Curtain Instructions

Recommended Changeover Procedure

To get the best from Midmed disposable curtains, please follow the below steps:

- Clean track - follow manufacturer's instructions.
- Lubricate track using silicone wipe.
- When not in use, just fold away against the wall using the curtain fastening to avoid soiling.
- Due to built-in antimicrobial technology, you can just wipe the curtain surface to clean dust or stain.
- Curtain should be changed if heavily soiled with blood or body fluid to avoid infection.
- Unless contaminated, then dispose with clinical waste.

Recommended changeover procedure

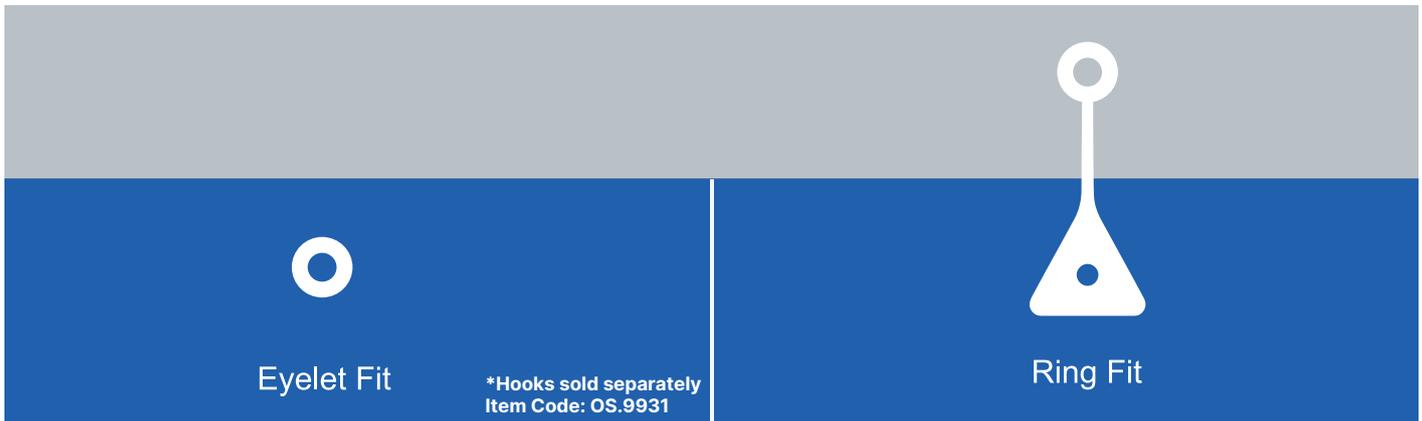
The following table is a comparative look at Midmed disposable curtains changeover frequency and the recommended changeover of reusable curtains.

Area	Recommended changeover frequency of Midmed Disposable Curtains	For comparative purposes, recommended changeover of Reusable Curtains
Very High Risk <ul style="list-style-type: none"> • Outbreaks of infectious diseases 	Change immediately and upon discharge of the patient from bed or room and dispose	Change immediately and clean upon discharge
High Risk <ul style="list-style-type: none"> • Intensive care units • High dependency unit • Burns unit, renal units • Day surgery • Operating suites • Emergency wards • Wards for patients with highly transmissible diseases e.g. MROs (VRE, MRSA, S. aureus, E. coli) 	Annually - Change annually or if they are visibly soiled or torn	Monthly - Change or clean monthly or upon discharge if MROs present. If visibly soiled change immediately
Significant Risk <ul style="list-style-type: none"> • General wards 	Annually - Change annually or if they are visibly soiled or torn	Six Monthly - Change or clean twice per year and immediately if visibly soiled
Low Risk <ul style="list-style-type: none"> • Rehabilitation • Long term care/nursing homes • Office based practice • Medical centre, radiography 	Every two years - Change every two years or if they are visibly soiled or torn	Annually - Change or clean annually and immediately if visibly soiled

Midmed Curtain Selection Guide

1. Hook Type

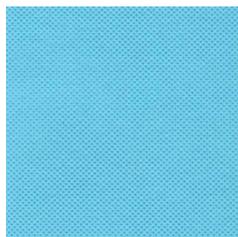
Our integrated hooks are designed to fit a range of curtain tracks in any healthcare environment.



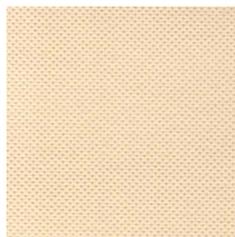
2. Colour Range



Medical Blue



Light Blue



Cream

3. Paediatric Range



Panda



Polka Dots



Safari



Whales

4. Alternative Range



Pine Tree



Geometric

Please note:

Available in two standard widths:
• 7.5m • 4.5m

Available in two standard drops:
• 2.0m for suspended curtain tracks.
• 2.5m including 0.5m mesh on top for ceiling mounted curtain tracks to meet fire codes by allowing light, air and water circulation.

Midmed Disposable Curtain Specification Sheet



- + Midmed patented hooks can quick and easy fit onto any existing cubicle tracks.
- + Two permanent heat seal self-auditing labels on each curtain allows anyone to see when the curtain was last changed. And the clear NO ENTRY mark to provide patients privacy!
- + Midmed disposable curtains are permanently pleated and when not in use can be folded back into a much smaller stack thus showing a neat and modern appearance.
- + Made of 100% recyclable polypropylene non-woven fabric treated with built-in Ultra-Fresh antimicrobial technology, extremely durable and can last for over two years.
- + Flame retardant.
- + Each curtain is fitted with a stitched tieback with VELCRO sticker which secures the curtain neatly when not in use.
- + Once the curtain is hanging, remove the protective, hygienic polythene wrapper.



- + The hook for different curtain track could be different, please contact your local agent for details before ordering.
- + Please visit our website to learn more www.midmed.com.au

See Our Installed Curtains



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