



DISPOSABLE LINEN RANGE





THE COMPANY

The Global Medics Group is a young dynamic company servicing the Australasian market with unique and niche products to the four Key market segments -

AGED CARE



THEATRE SURGICAL



HOSPITAL



PHARMACY/IT



The Company's vision is to improve quality of Life for all patients and their healthcare providers by focusing on key specialities - **Infection Control to reduce Hospital acquired infections / Pharmacy Automation and Management / Contingence Management-Aged Care / Lean Inventory Management / Mobile Computing** all to improve the patient outcomes. Forging “**Partners for Life**” through understanding your needs and ensuring our product and technology are there when the care is needed.



OUR MISSION

To forge “Partners for Life” by delivering innovative products, simple and effective solutions to improve quality of life for both patients and healthcare providers.

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Medical and Hygiene Supply Group



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DISPOSABLE LINEN

RECYCLABLE NON-WOVEN

IMPROVE INFECTION CONTROL

Global Medics Disposable Linen is manufactured from soft, flame retardant, recyclable SMS (non-woven material), providing hygienic and cost effective bedding.

Skin flakes, dandruff, hair, sweat, clothing threads, dust, bacteria, viruses, pollen, fungi spores, insects, chemicals, water, aerosols and other contaminants are carried into your facility by your clients.

Where cleanliness and hygiene is critical, a physical barrier in the form of a single use disposable sheet may be the solution. You can more easily control the disposal and re-issue of fresh garments.

Why clients use Glomed SMS (non-woven) linen:

- Remove issues associated with collection, washing and cleanliness of reusable linen
- In remote areas where the pick-up of dirty linen is not frequent, disposable linen offers a hygienic solution where reusable linen wash costs are not economic
- Eliminate the need for record keeping and Quality Assurance related to reusable linen contamination
- Where clients purchase their own reusable linen, no need to monitor number of washes, lost sheets, etc
- Fitted sheets cover top, sides and ends with elastic sewn all around for improved fitting and fast placement of the cover

Who uses Glomed SMS (non-woven) linen:

Facilities with clients that have short stays and frequent bedding changes are required: Medical Centres, Day Surgeries, Pathology, Radiography and Dermatology Clinics and Ambulances and Patient Transport Professionals (Chiropractors, Physiotherapists, Massage Therapists) wanting to improve hygiene between patients.

FEATURES:

- Made from SMS
- Elastic all around (Fitted sheets)
- Feels softer than Polypropylene
- Fire Retardant
- More durable than Polypropylene
- Recyclable (category 5)
- Water and blood resistant
- TGA Registered I74082
- Hygienic

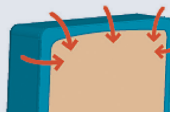
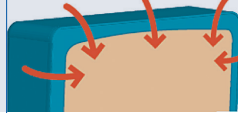


RECYCLABLE NON-WOVEN

PRODUCT SPECIFICATIONS

DISPOSABLE LINEN



PRODUCT NAME	SINGLE BED FITTED SHEET - LARGE	EXAMINATION TABLE FITTED SHEET	SINGLE BED FLAT SHEET - LARGE	EXAMINATION TABLE FLAT SHEET	PILLOWCASE WITH FLAP
PRODUCT CODE	D SMSI9090-25	D SMSI8770-40	D SMS200120-25	D SMS20070-40	D SMSPC-40
SIZE	190cm x 90cm x 20cm deep	187cm x 70cm x 10cm deep	200cm x 120cm	200cm x 70cm	75cm x 50cm
COLOUR	Dark Blue	Light Blue	Dark Blue	Light Blue	Light Blue
PACKET QTY	Box 100	Box 100	Box 100	Box 100	Box 200
DESCRIPTION	Elastic sewn all around (elastic allows cover to fit various widths /lengths)	Elastic sewn all around (elastic allows cover to fit various widths /lengths)			Tuck over flap to keep in place
					





Bug Control
Infection Control Advisory Service

Review & Report on Haines Disposable Linen - Recyclable Non-Woven[®]

This document contains a review of the product and information provided by Haines Medical Australia that accompanied the Haines Disposable Linen - Recyclable Non-Woven[®]. It also contains a report, recommendations and summary for the use of this product.

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Bug Control (Aust) Pty Ltd Infection Control Advisory Service

14th October 2010

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Review and Report - Haines Disposable Linen - Recyclable Non-woven®

Product description

Haines Disposable Linen - Recyclable Non-woven® is manufactured from soft, flame retardant, recyclable non-woven material. It is classified as disposable and is not designed to be washed or laundered and reused. The linen comprises flat sheets, fitted sheets and pillow cases for covering a single bed, examination couch or pillow.

Discussion

The Haines Disposable Linen - Recyclable Non-woven® is designed to be used as an alternative to reusable linen. The decision to change this disposable linen between individual patients/clients would be the same as for reusable linen. National health and Medical Research Council and Australian Commission on Safety and Quality in Healthcare Australian Guidelines for the Prevention of Infection in Healthcare (2010) identify Use surface barriers to protect clinical surfaces that are likely to become contaminated with blood or body substances.

Linen is classified as a non-critical health care item and is not a medical device. The ruling of non reuse of single use medical devices does therefore not apply to disposable linen. However, the Haines Disposable Linen - Recyclable Non-woven® is not designed to be washed or laundered. In many of the settings listed below, it would be unrealistic for health care providers to assess the infection control risk factors of every patient / client attending their practice. Some of these settings would be considered low risk environments, where low risk procedures are conducted, creating a low risk for the spread of organisms. However, procedures that are non invasive may still involve significant contact between bare skin and the linen.

Direct skin contact with the linen can result in contamination of the linen with skin scales containing skin flora (predominately colonising bacteria), and possibly parasites such as the scabies mite. Transfer of organisms may occur between patients / clients where there is significant bare skin contact with the linen. A risk assessment in this situation would produce a recommendation of linen change between each patient/client.

If there was no skin contact with the sheet but only face contact with the pillow, it would only be necessary to change the pillow case.



Although the use of the Haines Disposable Linen - Recyclable Non-woven[®] is being promoted primarily for the non acute health care setting, it can be difficult to conduct a risk assessment for all patients/clients in such a setting. Obvious risk factors such as unhealed wounds on exposed body surfaces, contamination with blood and body substances, performance of invasive procedures and incontinence, can influence decisions for the use of disposable linen. Other important infection control issues are not always apparent such as asymptomatic colonisation with multi antibiotic resistant organisms (MROs). This latter issue has influenced the recommendation to change Haines Disposable Linen - Recyclable Non-woven[®] in settings where cross contamination could occur.

The following recommendations are made based on a risk assessment of the procedure to be performed and the patient/client. An invasive procedure is one where the skin is breached (For example: acupuncture, intravascular access, surgery) or mucous membranes accessed (For example: endoscopy). When invasive procedures are performed, there is a risk of contamination of the linen with blood or body substances.

A person with an open, unhealed wound could pose a risk of organism spread to others as well as pose a risk of acquisition of infection to the wound. Therefore linen change after use for such a patient/client is recommended.

If there is any breach in the linen during use (for example: tear or puncture), it must be replaced as the surface underneath will no longer be impermeable and protected.

**I. Recommended use where non-invasive procedures are performed
(For example: Radiology (non-invasive procedures only), physiotherapy, chiropractic, massage therapy)**

The Haines Disposable Linen - Recyclable Non-woven[®] may be reused by another patient/client if:

- No direct skin contact has occurred with the linen, **or**
- The patient / client does not have any open unhealed wound, **or**
- There is no contamination of the linen with blood or body substances, **or**
- Invasive procedures are not performed on patient / client.

If any of the above points apply, the Haines Disposable Linen - Recyclable Non-woven[®] must be replaced between each patient/client use.



2. Recommended use where invasive procedures are performed (General Practice, day surgery, out-patient clinics, endoscopy, dermatology, acupuncture)

It is recommended that the Haines Disposable Linen - Recyclable Non-woven® be replaced between each different patient/client use.

3. Recommended use in ambulance (Primarily accident/emergency transport with high risk of blood and body substance exposure)

It is recommended that the Haines Disposable Linen - Recyclable Non-woven® be replaced between different patient/client use.

4. Recommended use in Patient Transport Vehicles for transfers between Health Care Facilities

It is recommended that the Haines Disposable Linen - Recyclable Non-woven® be replaced between each different patient/client use.

5. Recommended use in high turnover community accommodation (For example: homeless shelters)

It is recommended that the Haines Disposable Linen - Recyclable Non-woven® be assigned to a person and replaced as necessary or when soiled and between use by different people.

6. Recommended disposal when unsoiled

Haines Disposable Linen - Recyclable Non-woven® that is not contaminated with blood or body substances can be discarded into an appropriate recycle bin according to State/Territory regulations.

7. Recommended disposal when soiled with blood or body substances

Haines Disposable Linen - Recyclable Non-woven® that is contaminated with blood or body substances must be discarded as for clinical waste according to State/Territory waste regulations.

8. Infection Prevention and Control benefits

- a. Being water and blood resistant, Haines Disposable Linen - Recyclable Non-woven®, will protect both bed and examination couch mattresses from contamination with blood and body substances as recommended by National Health and Medical Research Council (NHMRC) and Australian Commission on Safety and Quality in Healthcare (ACSQH) Australian Guidelines for the Prevention of Infection in Healthcare (2010)



- b. Out of hospital healthcare facilities often have difficulty in complying with the laundering requirements of ASNZ4146:2000 Laundry Practice which requires linen to be laundered at a temperature of 65 degrees for a minimum of 10 minutes or 75°C for a minimum of 3°C minutes. This product provides a cost effective and safe alternative to laundering reusable linen.
- c. The elastic style fitting of the fitted sheet ensures adequate coverage of the mattress with quick and easy application and removal. This will encourage staff to comply with infection prevention and control recommendations.
- d. The added advantage of being able to recycle the Haines Disposable Linen - Recyclable Non-woven[®] (if not soiled with blood or body substances) again encourages compliance with the recommendations for their use.

Summary of recommendations

The Haines Disposable Linen - Recyclable Non-woven[®] is designed to be used to protect mattresses and examination couch covers from contamination. It replaces the need for reusable linen thereby reducing laundering costs, storage requirements and risks of cross infection during transport and storage.

As the Haines Disposable Linen - Recyclable Non-woven[®] is not designed to be washed or laundered, in most instances it will need to be discarded after use.

The health care settings to which this product is being marketed are not acute care settings. They are generally settings where a patient/client will spend a short period of time - generally the same day; therefore there is a high turnaround of individual patient/clients. Many of the settings and procedures undertaken are low risk for infection.

The recommendations for changing the Haines Disposable Linen - Recyclable Non-woven[®] are based on a risk assessment of each patient/client and the procedures to be performed.

The Haines Disposable Linen - Recyclable Non-woven[®] may be reused by another patient/client if:

- No direct skin contact has occurred with the linen, or
- The patient / client does not have any open unhealed wound, or
- There is no contamination of the linen with blood or body substances, or
- Invasive procedures are not performed on patient/client.

If any of the above points apply, the Haines Disposable Linen - Recyclable Non-woven[®] must be replaced between each patient/client use. In all other settings it is recommended that the disposable linen be replaced between each different patient / client use.





References:

NHMRC. (2010). Australian Guidelines for the Prevention and Control of Infection in Healthcare. Commonwealth of Australia.

ACT Health (2006) Infection Control Guidelines for office practices and other community based services. ACT Government.

Standards Australia (2000) ASNZ4146:2000 Laundry Practice. Standards Australia Homebush.



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