



# Medical Product Catalogue

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# Personal Protective Equipment (PPE)



# Equinox's Total PPE Offering includes local (SeamBiosis) & offshore (Weigao) products



Adult & Child Masks



Surgical & Isolation Gowns



Protective Clothing



Nitrile Gloves



Caps & Berets



Sterile Wrap





# Level 2 and 3 Surgical Masks

Offshore & Onshore



# Offshore Manufactured Level 3 Fluid Resistant N95 Particulate Respirators

Brand Name and Model: **Harley N95 L-188**

## Description

- High-strength composite metal materials, bending resistance is several times that of metal materials. The nose clip is bright and easy to recognize.
- The outer layer is dense and shaped and is not easy to fluff and deform; the middle layer of high-efficiency electrostatic filter cotton has super filtering performance; the inner layer is soft and smooth, comfortable to wear.
- The unique ergonomically designed sponge strip can effectively prevent the upwelling of moisture and make the mask and the bridge of the nose fit more closely to prevent the glasses from fogging.
- Latex-free dual elastic straps help keep the respirator.
- Conforms to NIOSH 42 CFR standard. TC-84A-6973. The filtering effect of N95 on 0.3 micron non-oily particles is not less than 95%.
- TGA Listed 341498



## Indication:

Designed to be worn by clinical medical staff during the invasive operation. Covering the mouth, nose and jaw of user, the mask provides a physical barrier, preventing the transmission of pathogens, microorganisms, body fluids and particles.

## Characteristics:

The non-woven fabric utilizes medical grade materials, which effectively prevent the inhalation of bacteria and dust.

The nose clip can be freely adjusted to ensure a close fit, ensuring a tight seal.

The chin design contours the face, ensures a secure fit, and improves wearing comfort. The mask is hypoallergenic, effectively blocks dust and microorganisms and can be worn comfortably for long periods.



- The utility model is composed of a mask body, a nose clip and a mask belt.
- The mask body consists of a three-layer structure.
- The bottom layer and surface layer are made of spun-blown non-woven fabric.
- Spun-blown fabrics tend to have wide (but controllable) fiber size distribution thanks to the multi-row design of the spinnerette.
- Sub micron fibers are naturally co-mingled with big microfibers which would result in strong and high efficiency filter media with higher particle-holding capacity at low pressure drop.
- The middle layer is made of melt-blown non-woven fabric

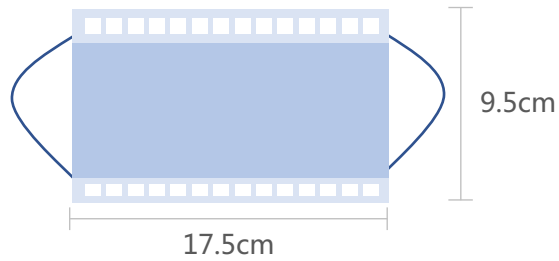


Spun-bonded layer:  
Providing enhanced strength

Melt blown layer:  
Providing liquid control and a bacterial barrier



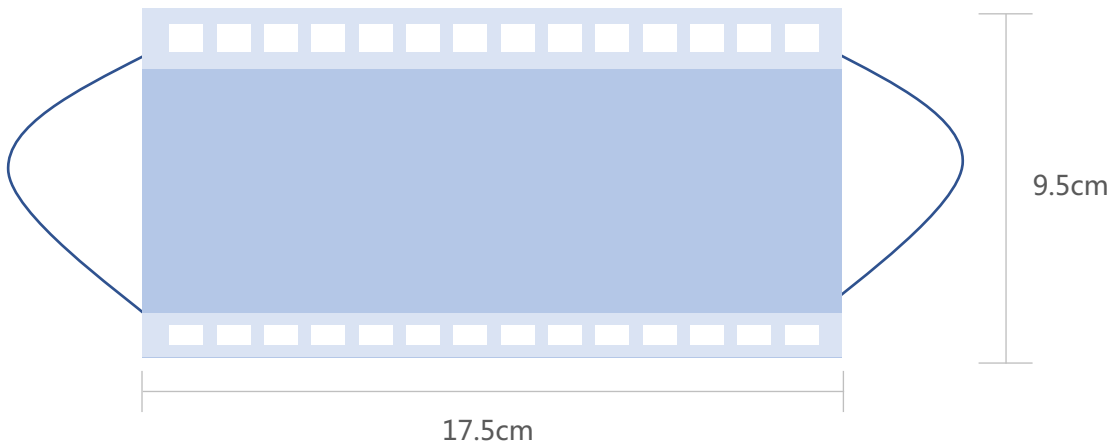
# Offshore Manufactured Level 1, 2 & 3 Surgical Masks



Standard : GB/T 32610-2016



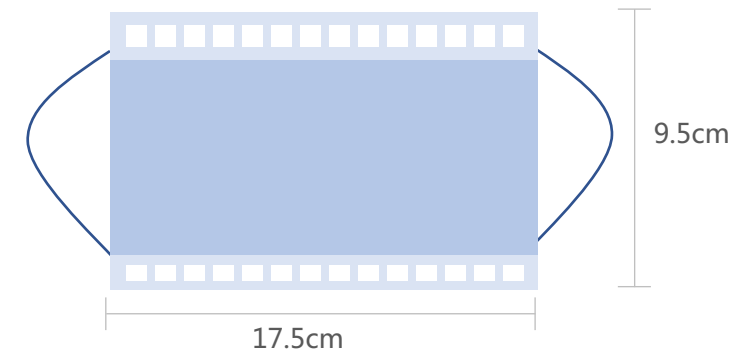




TGA Listed 332694

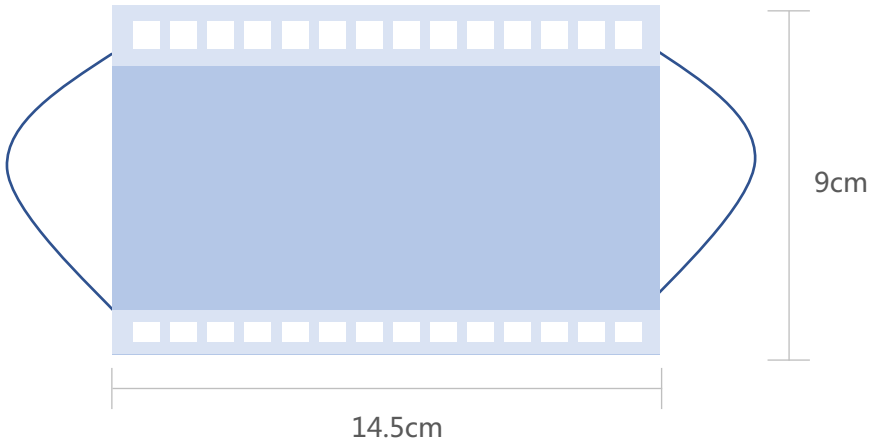


# Onshore Manufactured Level 3 Surgical Masks



Australian Standard AS/NZS 4381:2015

# Offshore Manufactured Paediatric Level 3 Surgical Masks



TGA Listed 339583

01-

**Soft non-woven**

Stop dust, smell and micrometer particles

02-

**Melt-blown nonwovens**

Filter virus and bacterial

03-

**The third barrier-Skin friendly non-woven**

Totally okay for those sensitive skin





# SeamBiosis – Surgical Gowns & Sterilisation Wrap

Australian Manufactured



# SeamBiosis Sterile & Non-sterile Surgical Gowns – Manufacture since May 2020

## Standard:

Conforms to Level 2, 3 and Level 4 AAMI PB70 and sterile packaging standards AS/NZS 4187:2014.

## Use:

Clothing to be worn by surgeons and other healthcare personnel during surgical situations. The clothing will protect both the patient and the medical staff from transfer of bodily fluids, microorganisms and particulate material whilst exposed.

## Product Sizes:

S / M / L / XL / XXL / XXXL & Extra-Long



### CUFF:

Featuring knitted cuff option.

Offerings include a range of cuffs - thumb hook, elastic, woven.



### FRONT:

Featuring protective neck binding and ultrasonic seams.



### SIDE:

Side tie option available\*



### BACK:

Featuring closed back with 2 ties and velcro back neck.\*

*\*Alternate designs available with 2, 3 or 4 straps and ribbed / knitted cuffs option*

# Sterilisation Wrap - Specifications

## Structural Composition

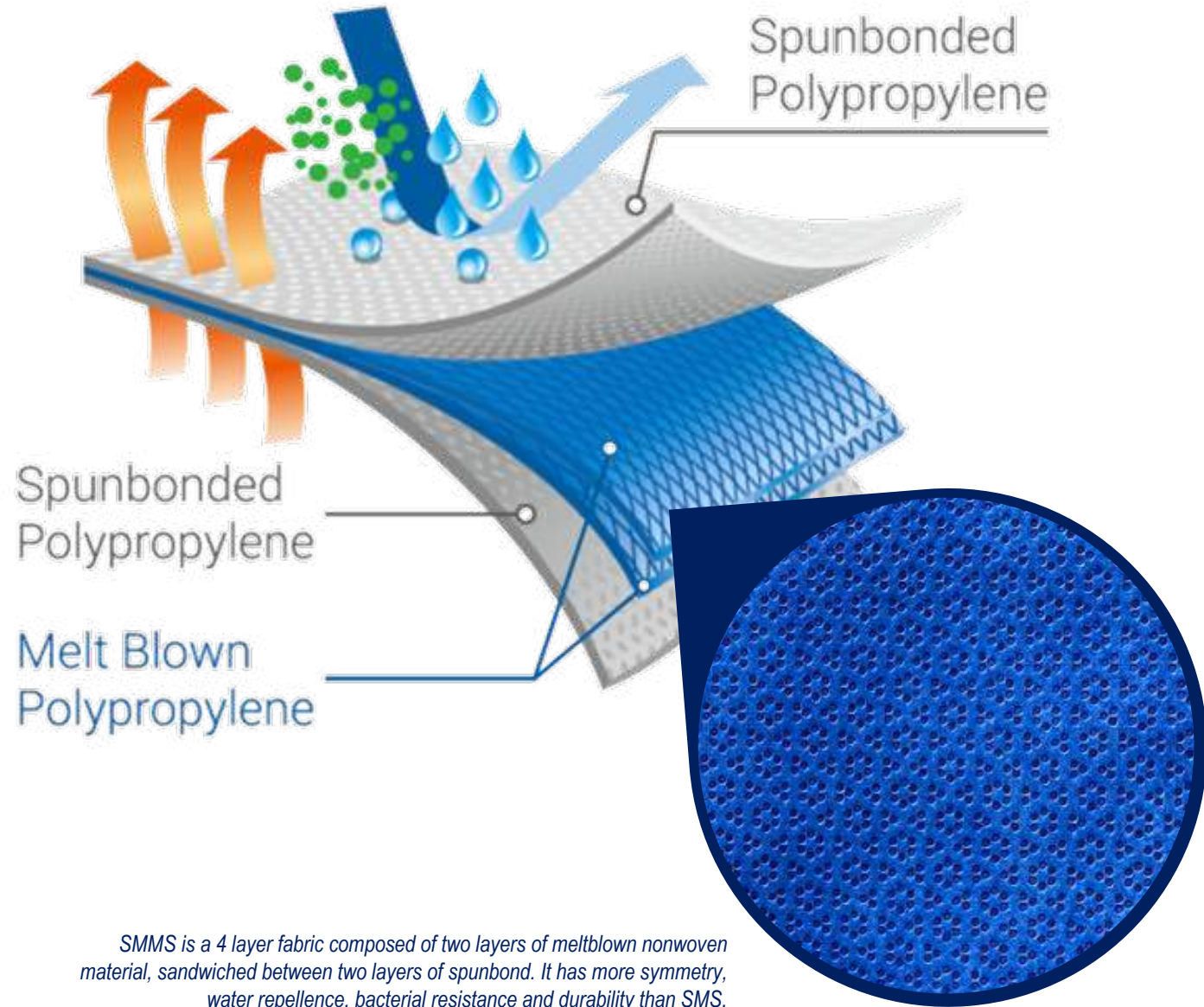
Sterilisation Wraps are made from SMS & SMMS bonded polypropylene. They are suitable for steam, ethylene oxide, and plasma sterilisation processes.

Made from two sheets of polypropylene using a four-layer (Spunbond-Meltblown-Meltblown-Spunbond) process.

The outer layers of the sterilisation wrap provide exceptional strength and durability whilst the inner multi-layers of Meltblown fibres provide an optimal barrier to bacteria and liquids while allowing penetration of gas sterilants (steam, ethylene oxide and plasma).

## Characteristics:

- Different sizes and grades depending on the weight and size of the materials to be packaged
- Double sheet allows for quick and efficient wrapping
- Ultrasonically sealed along the two sides
- Dual colour for easy detection







Dual colour on either side of wrap for easy detection of tearing and abrasion.

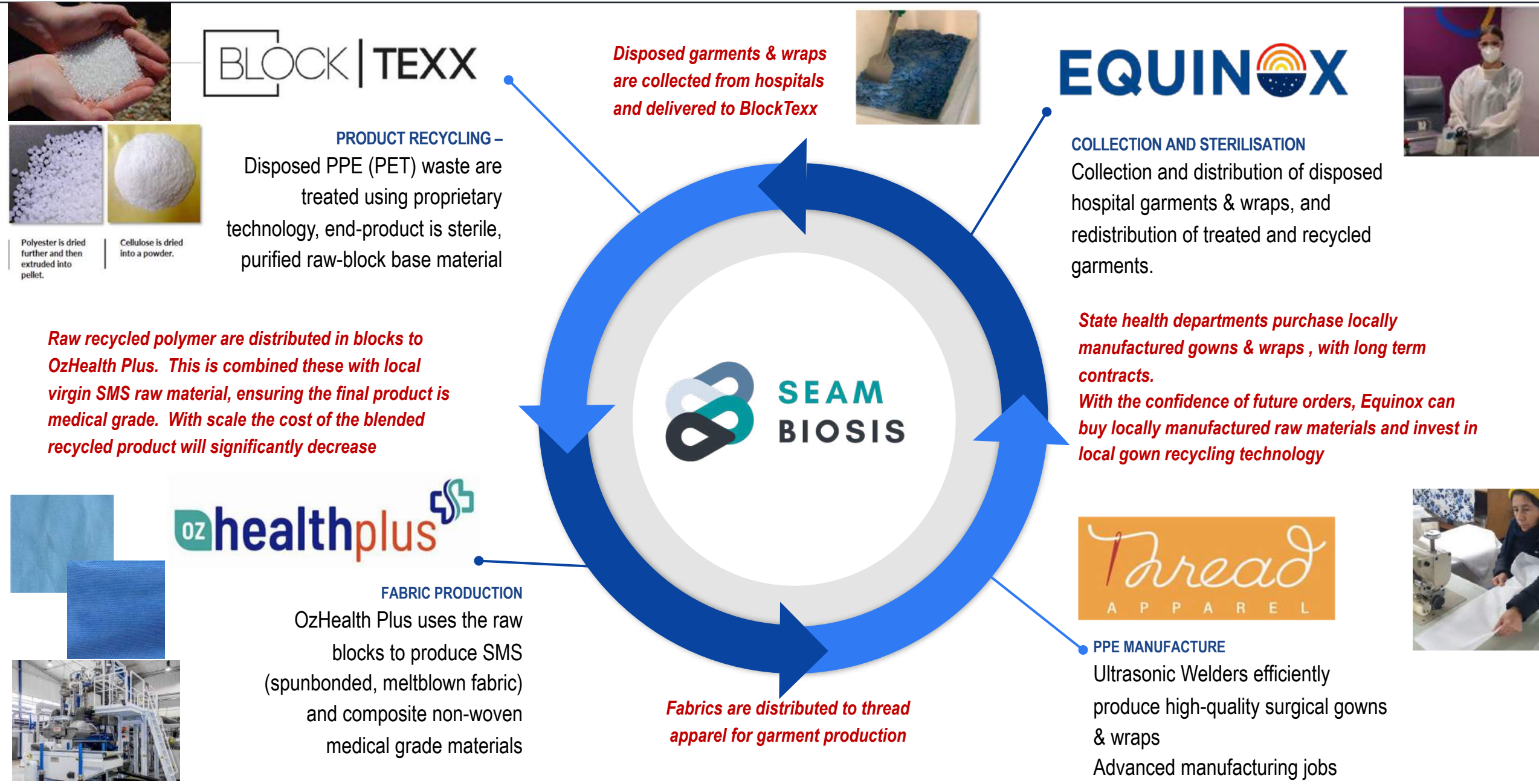
### Features:

- Effective sterile barrier
- Microbial barrier protection
- High resistance to tearing and abrasion
- Highly drapeable
- Low linting
- Water resistant

Available in 3 weights: 45gsm, 60gsm, & 75gsm.

Size	Weight
30cm x 30cm	45gsm
45cm x 45cm	45gsm
61cm x 61cm	60 & 75 gsm
91cm x 91cm	60 & 75gsm
114cm x 114cm	75gsm
121cm x 121cm	75gsm

# SeamBiosis Value Proposition – Recycling Solution





# Local Manufacture Strategy – Job Creation & Sovereign Risk Reduction

In October 2020, Equinox and Thread Apparel agreed to formalise their partnership in a joint venture structure, Equinox One Pty Ltd. Equinox One has established a medical garment brand **SeamBiosis™**

## Our Mission:

- 100% Australian-made medical theatre garments and wraps
- Best practice Australian manufacturing and innovation
- Job Creation of 200+ roles
- To assist State Health Organisations achieve 25% recycled medical gowns and wraps
- To provide additional manufacturing capacity beyond Victoria by establishing facilities in other states

## Our Objectives:

- To expand and optimise existing garment and wrap manufacturing facilities in Australia
- To develop garment and wrap recycling technology
- To support & procure locally-manufactured fabric production

## Progress to date in 2021:

- 150,000 Level 2 and 3 surgical & isolation gowns sold to Australian healthcare companies
- AAMI accreditation achieved on Level 3 surgical gowns and Level 2 & 3 isolation gowns
- Sterile Level 4 surgical gowns are being produced for a local order of 25,000 gowns





# Sterile AAMI Level 3 Surgical Gowns

Offshore Manufactured

## Indication:

- Disposable sterile gowns for use by all medical personnel in the operating theatre
- Conforms to EU performance standard (EN13795), AAMI AATCC 42 & 127 and ROW standard (YY/T0506)

## Use:

1. Clothing to be worn by surgeons and other medical personnel during the procedure in the operating room
2. The clothing will protect both the patient and the medical staff from cross contamination whilst in the operating room





- The surgical gown is sewn by ultrasonic technology, without pinholes, to help assure its bacterial and water resistance.
- Threaded cuffs provide enhanced comfort for the wearer in addition to preventing slip of the sleeve over the surgeon's gloves.
- **Hanging card:** Nurses do not need to hold objects in the operating rooms, reducing the risk of infection transmission.





## Levels 1, 2, 3 & 4 Isolation Gowns



## Indication:

- Disposable isolation gowns for use by all medical personnel during procedures anticipating contact with bodily fluids, secretions, excretions and other infectious materials.
- Conforms to EU performance standard (EN13795) and ROW standard (YY/T0506).

## Use:

1. Clothing to be worn by surgeons and other healthcare personnel during patient isolation situations.
2. The clothing will protect both the patient and the medical staff from transfer of bodily fluids, microorganisms and particulate material whilst exposed.



- The isolation gown is produced using non-woven material, offering increased protection from liquid penetration.
- The isolation gown is latex free, with belt and neck ties ensuring a secure fit.
- Isolation gowns will be fitted with thumb hooks as shown in the adjacent image. This ensures no skin exposure when wearing gloves.





# Protective Clothing

**Standard: EN14126- Type 3**



- Conforms with the national standard EN14126 "medical disposable protective clothing technical requirements".
- Bacterial resistance, anti-static, effective barrier from liquids and particulate matter.
- Soft, light, breathable and comfortable to wear.
- Stitching and zipper areas are sealed with rubber and glue, helping to prevent the invasion of bacteria and viruses.
- The outer layer has a smooth surface which is not easy to wet, reducing the chance of bacterial adhesion.



## Indication:

- Provision of a protective barrier, for clinical staff at risk of exposure to potentially infectious patients due to exposure to blood, body fluids and secretions.
- Standard: EN14126 and GB 19082-2009

## Structural Composition:

- Made of a breathable film, nonwoven membrane material.
- The suit consists of a joined and sealed hooded top, pants and an optional foot cover.
- Cuffs, ankles, and foot vents exhibit elastic closings, as do the hat, facial and waist closings.



**Two-piece  
Hooded Design**



**Seam sealed tape  
workmanship**

## Use:

1. For protection when interacting with patients with infectious diseases such as those with multidrug-resistant bacteria and viruses.
2. For protection when caring for and interacting with patients in protective isolation.
3. For protection against splashes from the patient's blood, body fluids, secretions and excrement.
4. Whether or not to wear isolation clothing when entering the key wards shall be determined from a combination of internal regulations and on the purpose of the entering medical personnel in close proximity to the patients.



Weigao Group (WEGO) is a national emergency response supplier assisting the government with protective suit development for SARS-CoV-2

WEGO procurement of fabric, trims, seal tape and zipper are in accordance with national and international standards. Chinese Standard: GB19082-2009, European standard: EN14126- up to Level 4 (liquid barrier performance level II or above)

The protective suit is made of PP spunbond non-woven fabric laminated with PE film.

The raw material is high in strength, soft in touch, skin-friendly, comfortable to wear, and strong in antistatic performance.

It has a good anti-infiltration performance, high filtering efficiency, surface moisture resistance, strength and air permeability, which allows it to effectively to wet, reducing the chance of bacterial adhesion.



#### Materials:

- Polypropylene spunbonded
- PE film coated nonwovens
- Content: 100% Polyester





# Nitrile Examination Gloves



## Features

- Ambidextrous with straight textured fingers
- High quality natural rubber to avoid contamination between patient and examiner
- Tested against chemotherapy drugs
- Latex free
- Powder free
- Odor free
- Excellent puncture resistance
- Textured fingertips for greater dexterity and control

## Industries

- Medical Practices and Clinics
- Healthcare
- Hospitals
- Hospitality
- Laboratories
- Life Sciences

## Applications

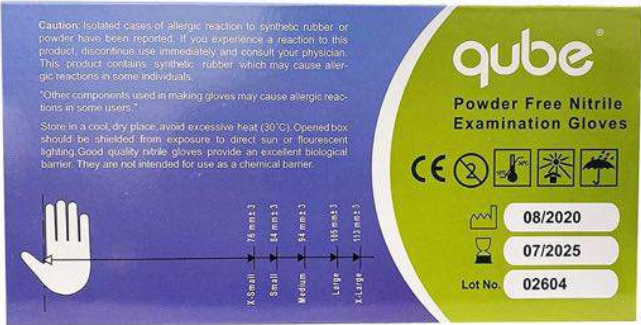
- Medical Examination
- General Maintenance
- Commercial & Domestic Cleaning & Hygiene
- Food Handling and Processing



# Almitas QUBE Nitrile Examination Glove

## Product Information

Material	Nitrile
Design Features	Non-Sterile, Dark Blue, Single Use Only
Standards Overview	TGA (ARTG # 363826), FDA 510(k), ISO9001:2015, ISO13485:2016, EN ISO 21420:2020, EN 374-1,2,4,5, EN 455-1,2,3,4
Product Weight (g)	4.5 ± 0.2
Gloves Length (mm)	245
Palm Thickness (mil)	3.15 ± 0.8
Finger Thickness (mil)	4.7 ± 0.8
Size	XS/S/M/L/XL
Packaging	100 pcs/box, 10 boxes/carton
Shelf Life	5 Years



# Ultra Feel Blue Powder Free Nitrile Gloves

## Product Description & Material

- Single use non-sterile nitrile medical examination gloves
- Powder free
- Finger textured

## Features

- Ambidextrous
- Smooth
- Textured fingers
- Protection against unwanted and dangerous substances
- Latex free
- Powder free
- Odor free
- Beaded cuff
- Excellent puncture resistance

## Colour

- Blue

## Typical Uses

- Medical, hospitality, automotive, mechanical, oil & lubricant handling  
hairdressing, tattooing

## TGA Listing No.

- 93245

## Applicable Directive & Product Standards

- Cytotoxic tested ASTM D 6978-05
- HACCP Certified
- ISO 9001:2008
- ASTM D6139, EN 455
- ISO 13485:2003
- MDD 93/42/ECC Class 1





# Ultra Feel Blue Powder Free Nitrile Gloves

## Shelf Life

- These gloves shall have a shelf life of 5 years from the date of manufacture if stored correctly.

## Suggested Storage Conditions

- The gloves shall maintain their properties when stored in a dry position. Avoid direct sunlight.

Dimensions					
Size	Width (mm)	Minimum Length (mm)	Weight (g/pcs)	Thickness (mm)	
				Palm	Finger
XS	75 ± 5	Min. 240	2.4g ± 0.2g	0.07mm ± 0.02mm	0.08mm ± 0.02mm
S	85 ± 5	Min. 240	2.7g ± 0.2g		
M	95 ± 5	Min. 240	3.0g ± 0.2g		
L	105 ± 5	Min. 240	3.3g ± 0.2g		
XL	115 ± 5	Min. 240	3.6g ± 0.2g		

Physical Properties		
	Before Aging	After Aging
Tensile Strength (MPa)	Min. 14	Min 14.
Elongation at break (%)	Min. 500	Min. 400
Force at break (N)	Min. 6.0	Min. 6.0

## Packaging

- 100/Box, 1000/Carton (10 x 100)





## About Equinox & WEGO

# Equinox has a highly experienced leadership team



**ADAM CROWE**  
Director and Chief  
Executive Officer

- Seasoned business development executive with extensive experience in procurement and supply chain
- Successfully delivered sustainable value in major healthcare categories such as PPE, prostheses, pharmaceuticals, pathology & radiology for leading healthcare organisations



**PROF. MICHAEL COOPER, OAM**  
Medical Director

- Internationally-recognised multidisciplinary surgeon in endometriosis, fertility and advanced endoscopic surgery
- 26 years of experience
- Clinical Associate Professor of Sydney University Department of Obstetrics & Gynaecology



**A/PROF. ANDREW LEICESTER**  
Director and Chief  
Medical Officer

- Renowned Orthopaedic surgeon based in Bowral, with part time duties at Sydney Children's Hospital and Goulburn
- 26 years of experience
- Associate Professor of University of Wollongong



**DAVID MITCHELL**  
Director,  
Business Development  
and Sales

- Over 20 years' experience in marketing and sales management roles in leading pharmaceutical companies
- Extensive product launch experience into the specialist and hospital markets



**WILLIAM COOPER**  
Chief Operating  
Officer

- Background in biomedical and mechatronic engineering
- Experience working with early-stage biotech ventures across finance, supply chain and operations



**GERRY ZHAO**  
Finance Director

- 20 years' experience in financial services at senior roles with global investment banks and local accounting firms
- Advised numerous global corporates and private equity funds on M&A and capital raisings



**FRANK FAN**  
Finance Manager

- Statistical analysis and financial forecasting expertise
- Analysing financial data and performance to explore investment opportunities and evaluate performance
- Developing Financial modelling and forecasting development for long and short term commercial plans.



**ANNABEL SWEENEY**  
Medical Consumables  
Manager

- Project Management Expertise
- Sustainability and Recycling Ethical Product Development Local Manufacturing of medical equipment

- The Weigao Group was established in 1988, and has since become the largest diversified medical device manufacturers in China.
- Total workforce of 23,000 and 100,000 hectares of manufacturing facilities, based in Weihai, Shandong Province.
- Dedicated staff of 10,000 involved in the production and sales of branded disposable medical devices.



## Dominant local providers, emergent international players

- WEGO products have been registered in over 60 countries, with major launches in 2017 in the US, 2018 in Europe.
- WEGO is dedicated to innovation and reinvests almost 10% of all profits into R&D driving global growth.
- EQUINOX launched the WEGO brand in Australia and New Zealand in 2019, introducing high-quality orthopaedic devices for trauma and spinal surgery.
- EQUINOX is the exclusive distribution partner and is driving the expansion of the WEGO offering to encompass its full product offering.



WEGO has state-of-the-art manufacturing facilities, built to exceed the highest European and US standards:

- **Chinese Standard: GB19082-2009**
- **European standard: EN14126- Level 4** (liquid barrier performance level II or above).
- Internationally recognised leader in medical device manufacturing,
- Reputation for uncompromising quality of materials and design,
- Highest-grade medical grade materials, sourced with strict supplier controls,
- Every device and instrument undergoes rigorous quality checks using the latest testing equipment and procedures.



Workshop Production Site



Specialized Production Equipment

WEGO is one of few manufacturers in China that has capability of adopting ETO sterilization using ethylene oxide processes.

This means that the WEGO sterilized products won't be corroded and can be wrapped and completely package to keep them sterile.

- ETO sterilization can kill all microorganisms, including spores, bacteria & viruses
- The sterilized articles can be wrapped and packaged together to keep them sterile before use.
- ETO sterilization does not corrode plastics, metals or rubber, and does not cause items to turn yellow and brittle
- Ethylene oxide can sterilize items with irregular shapes and complex structures



# Sterilization CE Mark certification for single used medical devices

- Ethylene oxide can kill all microorganisms, including spores, bacteria, viruses, etc.
- The sterilized articles can be wrapped and packaged as a whole to keep them sterile before use.
- Ethylene oxide does not corrode plastics, metals or rubber, and does not cause items to turn yellow and brittle
- Ethylene oxide can sterilize items with irregular shapes and complex structures





## ISO 14001



## OHSAS 18001



## CE



## ISO 13485





# Equinox Nation Wide Distribution - Logistics Solution

- Equinox has an exclusive partnership with EWE, an Australian-based freight forwarding and logistics company
- Existing domestic 3PL network allows for strong negotiations on price and volume discounts from 3rd parties
- Equinox offers a single communication line for product procurement, distribution, freight forwarding, warehousing and site management
- Equinox, in partnership with EWE, delivers nation-wide across Australia as well as Asia.

## *Advantages of an Integrated Supply-Chain Network*

- Reduced Warehouse Requirements
- Real-time inventory and order management
- Transparent product and logistics costs
- End-to-end delivery tracking, from manufactured materials to patients
- Economies of scale for high-volume medical consumables

