MULTIGATE ProSeries

Surgical Gowns

Better for you, better for the planet

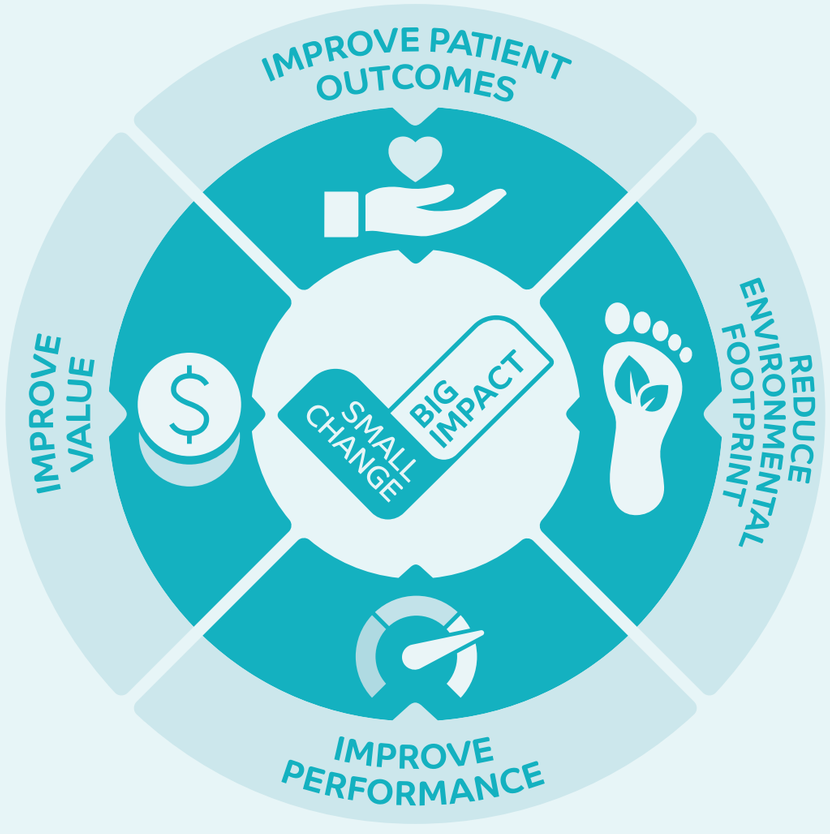
THE NEXT EVOLUTION IN OUR SURGICAL GOWN RANGE

DELIVERING THE HIGHEST VALUE TO YOU

Small Change, Big Impact

Our approach to continuous improvement has taught us that it's often the small changes that deliver the biggest impacts — Small Change, Big Impact is a philosophy we apply when reviewing our products, services and supply arrangements.

We evaluate potential changes against a multi-criteria framework to ensure that they are well considered, balanced and that they deliver the highest overall value possible for all stakeholders.



CONTINUOUS IMPROVEMENT

The surgical gown evolution

ComPro®

2002

ComPro®

In the early 2000's, we began making our first surgical gowns to meet the needs of our customers.

ComPro® was designed for low to medium fluid procedures, with AAMI level 2 protection.

SoftPro®

2004

SoftPro®

The AAMI Level 3 SoftPro® surgical gown was designed to provide superior protection. Its five-layer polypropylene construction delivered an effective splash-resistant barrier against bacterial and fluid transfer while maintaining breathability.

Building on this innovation, the SoftPro® range expanded to include SoftPro® Advance gowns, featuring an additional inner layer made from an impervious membrane to meet AAMI Level 4 standards.

V-Tex®

2014

V-Tex®

The AAMI level 4 high tech, performance V-Tex® gown was launched.

They were made with a unique lightweight tri-laminate material to deliver an impermeable but breathable viral barrier that allows the movement of warm air vapour away from the body whilst stopping bacteria and virus penetration.

ProSeries

2024

ProSeries

The 2024 ProSeries gowns represent a new frontier in surgical apparel and demonstrate Multigate's commitment to reduce environmental impact without compromising clinical efficacy or benefits.

Featuring new lighter-weight fabrics across the range, the gowns strike the perfect balance between comfort, protection, and sustainability. Notably, the Pro3® gown was designed to be Australia's first fully recyclable surgical gown.

Find the right gown for you

Simplifying choice — we've consolidated our range to three colour-coded gowns, visually different to help users correctly identify the correct gown for their needs.

PRO3 STANDARD PROTECTION · 5 PP

Pro3® (AAMI 3)

Standard level of protection.

Recyclable gown suitable for wide range of surgical procedures.

PRO3® REPLACES
- COMPRO® (AMMI 2)
- SOFTPRO®
- SAFEPRO®

PRO3+ HIGH PROTECTION

Pro3®+ (AAMI 3)

High level of protection.

New innovative fabric provides superior protection without added reinforcement layer in critical zones.

PRO3®+ REPLACES
- COMPRO® REINFORCED
- SOFTPRO® REINFORCED
- SAFEPRO 40® REINFORCED

PRO4 HIGH / VIRAL PROTECTION

Pro4® (AAMI 4)

Highest level of protection.

Maximum protection against bacteria/viral and fluid strike-through.

PRO4® REPLACES
- SOFTPRO® ADVANCED
- V-TEX®

Class-leading product labelling

Identify AAMI level and gown size at a glance — bold graphics indicate AAMI level and gown size to support correct gown selection. Know you have the right gown for you and the procedure before you touch it.

Range protection

Each gown is designed to meet the specific protection requirement of your procedure — from the mono-material Pro3®, offering reliable AAMI Level 3 protection, to the Pro3®+, designed to uniquely addresses the challenges of imperviousness and the Pro4®, delivering maximum defence against exposure.

The chart below outlines the recommended gowns for surgical procedures, based off their ANSI / AAMI PB70:2022 rating.

When selecting your surgical gown, please consider the surgical procedure and degree of exposure prior to use.

AAMI LEVELS: SELECTING THE RIGHT GOWN

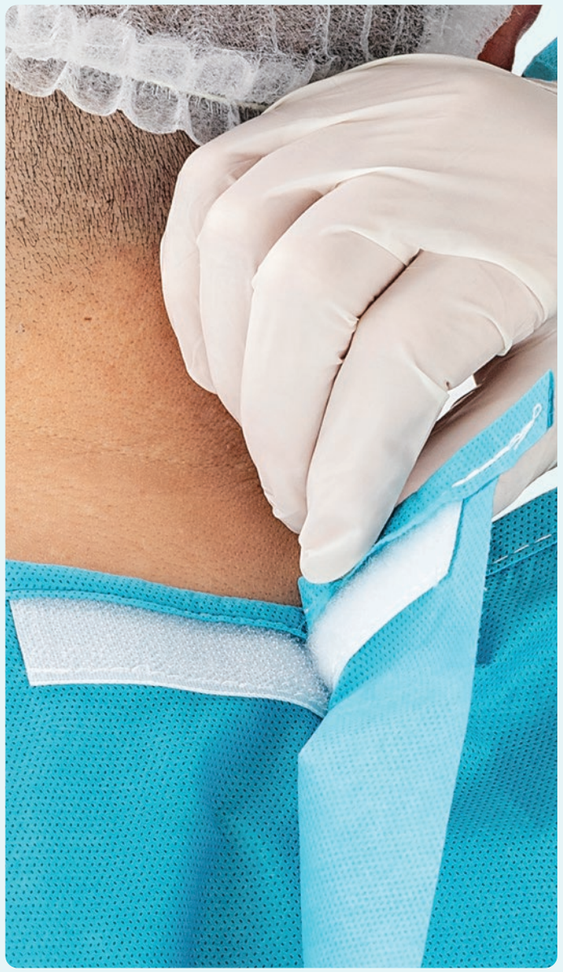
SOURCE: TECHNICAL INFORMATION REPORT, AAMI TIR11:2005/(R)2015

ANSI / AAMI PB70 BARRIER PERFORMANCE	RISK OF EXPOSURE Fluid amount	RISK OF EXPOSURE Fluid spray / splash	RISK OF EXPOSURE Pressure on gown	Examples of procedures with anticipated exposure risks
Level 2 PRO3	Low	Low	Low	• Simple excisional biopsies • Excision of 'lumps & bumps' • Ophthalmological procedures • Simple ear, nose, and throat (ENT) procedures • Tonsillectomies • Endoscopic gastrointestinal procedures • Simple orthopaedic procedures during which tourniquets are used • Open hernia repair • Minimally invasive surgery (MIS) • Interventional radiology or catheter laboratory
Level 3 PRO3 PRO3+	Moderate	Moderate	Moderate	• Mastectomies • Arthroscopic orthopaedic procedures • Endoscopic urological procedures, eg transurethral prostate resections (TURP) • Open gastrointestinal and genitourinary procedures
Level 4 PRO4	High	High	High	• Any procedure in which the surgeon's hands and arms are in a body cavity • Orthopaedic procedures during which prosthesis are used • Open cardiovascular / thoracic procedures • Trauma procedures • Cesarean sections

Range features

Better for you — consistent across the range, our new ProSeries gowns are designed for greater performance and comfort.

Fabric fastener
Hook and loops are longer for more secure closure.



Labelling
Ensures size and AAMI level immediately identifiable.

Pass card
Improved pass card helps ensure correct donning technique.

Advanced materials
New, lightweight fabrics enhance user comfort and reduce environmental impact.

Better for the planet

We designed our ProSeries gowns to reduce the overall impact of each range category — by re-thinking the materials of traditional gown construction, we've been able to use advanced materials that use less material overall, reducing both the weight and environmental footprint of our gowns[1].

	REDUCTION IN CRADLE-TO-GRAVE GREENHOUSE GAS EMISSIONS	REDUCTION IN WATER USE
Pro3®  Compared to our standard AAMI level 3 gowns	UP TO 22%[2]	UP TO 23%[2]
Pro3®+  Compared to our reinforced AAMI level 3 gowns	UP TO 46%[3]	UP TO 55%[3]
Pro4®  Compared to our AAMI level 4 gowns	UP TO 16%[4]	UP TO 15%[4]

Climate neutral programme

Multigate is proud to announce we also offset their cradle-to-grave greenhouse gas emissions to make them climate neutral[5].

Renewal Energy Projects

Solar | Wind | Hydro | Biogas / Biomas

We believe in supporting projects that can deliver significant environmental and social benefit in countries where we create impact.

By supporting renewable energy projects in China, Multigate helps to speed up their move away from fossil fuels, reducing greenhouse gas emissions and improving air quality which delivers health benefits to local communities.

Multigate and our customers also directly benefit from China having a cleaner energy grid, as this will reduce the climate change impact of products made there over time.

Carbon Removal Projects

Biodiversity | Forestry | Regeneration

Forests play a critical part in combating climate change by removing carbon from the atmosphere and helping to clean and cool the air.

By supporting biodiversity and reforestation projects, Multigate helps to create, restore and protect woodland habitats, contributing to better land management and conservation of native fauna and wildlife species.

Many projects we support also deliver cultural, social and economic benefits to local indigenous communities.

Surgical gown models

The ProSeries: Pro3®

PRO3® STANDARD PROTECTION

5 PP

The Pro3® is designed to be Australia's first fully recyclable surgical gown[6] — this AAMI level 3 gown covers the widest set of procedures and utilises proven SMS technology.

PRO3® SURGICAL GOWN — STANDARD PROTECTION (AAMI 3)

PRODUCT SIZE	S Small	M Medium	L Large	XL Extra large	XL EXTRA LONG Extra large Extra long	XXL Extra, extra large	XXXL Extra, extra, extra large
NON-STERILE CODE	GAC-0031	GAC-0032	GAC-0033	GAC-0035	GAC-0036	GAC-0037	GAC-0039
STERILE CODE With x 2 MediCel Towels	GAC-0031SB	GAC-0032SB	GAC-0033SB	GAC-0035SB	GAC-0036SB	GAC-0037SB	GAC-0039SB

PRO3® FRONT | BACK

5 PP

Reduce environmental impact

What makes our Pro3® surgical gown truly special is that it was designed from the ground up to be recyclable — we went to great lengths to change the cuffs and stitching (normally polyester) and fabric fastener (normally nylon) to create a mono-material gown made entirely from polypropylene (PP). The pass card (removed during donning process) is made from paper so it's recyclable too.

Recycling our Pro3® surgical gown has the potential to significantly reduce greenhouse gas emissions and reduce physical waste by reclaiming material that would normally be incinerated or disinfected and sent to landfill.

However, even if you cannot recycle our Pro3® surgical gown at this current time, you can still benefit from improved features and reductions in environmental impact[1] when you replace your current Multigate AAMI level 3 standard gown with Pro3®.

Less waste[1]

Pro3®'s lightweight construction helps to improve comfort and reduce physical waste.

Lower emissions[7]

Reduce your greenhouse gas emissions by switching to Pro3®, especially if it is recycled.

Fewer mistakes

New colour coded gowns with class-leading labelling help reduce the chance of you picking up or putting on the wrong gown.

THE ENVIRONMENTAL BENEFITS OF SWITCHING TO PRO3®

REDUCED CLIMATE IMPACT BY UP TO:

61%[7]

if recycled

22% if disinfected and landfilled[7]

20% if incinerated[7]

REDUCED WATER USE BY UP TO:

48%[7]

if recycled

23% if incinerated or disinfected or landfilled[7]

Giving hospital waste a new life

The Pro3® has expanded our potential for significant environmental impact reduction — Multigate is excited to collaborate in an innovative circular economy research project aiming to solve the challenge of reclaiming non-woven polypropylene.

The mono-material construction of the Pro3® gown creates new opportunities to significantly reduce environmental impact and reclaim materials that would normally be disposed of as clinical waste – Multigate is proud to be a key member of The Achieving Circularity in Hospitals project which is trialling new state-of-the-art recycling technology, for the first time in Australia.

It is trialling a potential new waste management opportunity which uses Sterimelt heat compaction technology to process and recover hard-to-recycle non-woven polypropylene (PP) products.

It is possible to recycle polypropylene if it undergoes an approved treatment method. The value of waste is destroyed in the current linear economy but can be recaptured and recycled into new products.

Sterimelt produces a briquette which has been dehydrated, is odourless and achieves up to an 85% reduction in volume.

THE STERIMELT PROCESS

01 Prepare
Determine procedures and educate staff

02 Collect
Identify, segregate and collect compatible PP products

03 Process
Load PP products for processing, cycle takes 1 hour

04 Unload & Store
Remove, cool and store briquette for collection

05 Manufacture
Pellets created from briquettes used to make new PP products

PROCESSING AND RE-USING POLYPROPYLENE

Stage One — Complete

We've proven creating a circular economy for non-woven polypropylene is possible. Non-contaminated Sterilisation Wrap was processed on-site at Bankstown hospital and a product created from the high-quality material recovered.

Raw Material
Used, non-contaminated sterilisation wrap collected from CSSD was successfully processed on-site at Bankstown hospital using the Sterimelt recycling machine.

Briquette
Material volume is reduced by up to 85% and outputted as a briquette, making it easy to store and transport.

Pellets
UTS shredded the briquette and created pellets that can be used to make a wide range of products.

Final output
UTS created an injection moulded tray from the high-quality recycled content, demonstrating that used non-woven polypropylene products can be effectively recycled and a circular economy created.

Stage Two — Contaminated waste

This next stage will focus on delivering the ultimate prize – the establishment of a validated process which enables the safe and effective disinfection and recovery of contaminated non-woven PP, so it can be used to make new products, rather than be incinerated or sent to landfill.

Our hypothesis for stage 2 trials is that the Sterimelt, which operates at over 300 degrees Celsius, will not only reduce the volume of the material by up to 85%, it will also disinfect it at the same time, making the recycled content safe to handle and use in products.

While this hypothesis still needs to be validated and the recycling process approved, based on stage one results, the high temperature and length of the heating cycle time, the project team is extremely excited by the prospect that the ability to recycle contaminated waste using heat compaction technology may soon be a viable reality.

THE ACHIEVING CIRCULARITY IN HOSPITALS PROJECT PARTNERS

180Waste GROUP · allmould PLASTICS GROUP · MULTIGATE · NSW Health South Western Sydney Local Health District · Product Stewardship Centre of Excellence · UNSW SYDNEY · UTS

The ProSeries: Pro3®+

The Pro3®+ gown is a high-tech surgical gown — featuring a new lightweight, breathable tri-laminate material (Spunbond, PE, Spunbond) that delivers enhanced protection without the need for traditional reinforced layers in critical zones.

PRO3®+ HIGH PROTECTION

PRO3®+ SURGICAL GOWN — STANDARD PROTECTION (AAMI 3)

PRODUCT SIZE	M Medium	L Large	L EXTRA LONG Large Extra long	XL Extra large	XL EXTRA LONG Extra large Extra long	XXL Extra, extra large	XXL EXTRA LONG Extra, extra large Extra long
NON-STERILE CODE	GAB-0032	GAB-0033	GAB-0034	GAB-0035	GAB-0036	GAB-0037	GAB-0038
STERILE CODE With x 2 MediCel Towels	GAB-0032SB	GAB-0033SB	GAB-0034SB	GAB-0035SB	GAB-0036SB	GAB-0039SB	GAB-0038SB

PRO3®+ FRONT | BACK

The ProSeries: Pro4®

The Pro4® surgical gown offers the highest level of protection — crafted from a new, lightweight tri-laminate fabric, it provides an impermeable yet Breathable Viral Barrier (BVB) that meets and exceeds AAMI level 4 standards. The Pro4® is engineered with advanced heat-regulating properties to optimise comfort during use.

PRO4® HIGH / VIRAL PROTECTION

PRO4® SURGICAL GOWN — HIGH / VIRAL PROTECTION (AAMI 4)

PRODUCT SIZE	M Medium	L Large	L EXTRA LONG Large Extra long	XL Extra large	XL EXTRA LONG Extra large Extra long	XXL Extra, extra large	XXL EXTRA LONG Extra, extra large Extra long
NON-STERILE CODE	GAA-0032	GAA-0033	GAA-0034	GAA-0035	GAA-0036	GAA-0037	GAA-0038
STERILE CODE With x 2 MediCel Towels	GAA-0032SB	GAA-0033SB	GAA-0034SB	GAA-0035SB	GAA-0036SB	GAA-0039SB	GAA-0038SB

PRO4® FRONT | BACK

MULTIGATE®

For more information:
multigate.com.au
or call **1800 023 420**
(Australia)
multigate.co.nz
or call **0800 880 013**
(New Zealand)

DISCLAIMERS

1. Based on preliminary data calculated in life cycle assessment (LCA) tool provided by Lifecycles.
2. Up to 22% reduction in cradle-to-grave greenhouse gas emissions and 23% water use based on preliminary data when switching from non-sterile large Softpro to Pro3® surgical gown, disposal method disinfect and landfill.
3. Up to 46% reduction in cradle-to-grave greenhouse gas emissions and 55% water use based on preliminary data when switching from non-sterile large Compro Reinforced to Pro3®+ surgical gown, disposal method disinfect and landfill.
4. Up to 16% reduction in cradle-to-grave greenhouse gas emissions and 15% water use based on preliminary data when switching from non-sterile large Softpro Advance to Pro4® surgical gown, disposal method disinfect and landfill.
5. Multigate purchases carbon credits via Carbon Neutral in approved, registered projects which have been independently assessed and verified as creating additional resources that help combat climate change using avoidance or sequestration means.
6. The Pro3® gown, made from 100% polypropylene, is recyclable if your hospital has agreements and procedures in place to effectively collect and process them – see **www.multigate.com.au** for further information on Multigate recycling initiatives.
7. Up to 61% reduction in cradle-to-grave greenhouse gas emissions and 48% water use based on preliminary data when switching from non-sterile large Softpro to Pro3 surgical gown, Pro3 EOL = Sterimelt plus recycling, Softpro EOL = incineration. Pro3 emission reduction if both gowns use same disposal method 22% and 23% if disinfected and landfilled or 20% and 23% if incinerated.

IMPORTANT INFORMATION

- Multigate use 3rd party specialists to help us measure our impact, guide our environmental stewardship projects, and validate our carbon neutrality programs.
- Multigate is committed to providing customers with as accurate, up-to-date Life Cycle Assessment (LCA) information on our products as possible so they can make better informed purchasing decisions. The LCA modelling tool used to calculate cradle-to-grave greenhouse gas (GHG) emission figures was created by Lifecycles (www.lifecycles.com.au) for Multigate. The LCA figures were generated in August 2025 based on Australian product, utilising a combination of tailored and the latest external LCA database information (EcoInvent V3.9 and AusLCI used), product data and other information available to us at the time. NZ LCA data may vary slightly.
- Our LCA figures are not comparable with other LCA figures unless they were created by Lifecycles using the same methodology, database reference source and version, assumptions etc. to ensure consistency in modelling approach and reported results.
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IP Protected Product

Intellectual Property rights such as patents, patent applications, registered designs, trademarks, etc. apply to this product group. **See website for details.**

Empowering performance since 1986