



Operating Room Solutions

**BARRIER<sup>®</sup>**

**Staff Clothing**





# We are Mölnlycke<sup>®</sup>, a world-leading medical solutions company

Mölnlycke<sup>®</sup> Health Care is a world-leading MedTech company that specialises in sustainable solutions for wound care and surgical procedures. Mölnlycke products and solutions are used daily by hospitals, healthcare providers and patients in over 100 countries around the world. Founded in 1849, Mölnlycke is headquartered in Sweden and owned by Investor AB. Investor AB is listed on NASDAQ OMX Stockholm.

We collaborate with customers to understand their needs. We design and supply medical solutions to enhance performance at every point of care – from the operating theatre to the home.

## **Improving performance at every point of care**

This is what motivates us every day. We focus on the details that make our solutions more effective. All so that healthcare professionals can perform at their best, and achieve the best clinical and health-economic outcomes.

We do it by....

### **Listening**

We collaborate with healthcare professionals and patients to understand their needs. Then we design solutions that meet them.

### **Generating evidence**

Using a scientific approach, we generate clinical and health-economics evidence proving that our solutions are cost effective, and that they support better outcomes.

### **Continuously improving**

We're always on the lookout for new ways to improve. We focus on the details that make our solutions more effective, improve outcomes and offer better value for money.

### **Educating**

We're always learning. And we share our knowledge through in-person training, videos, demonstrations and online and offline seminars.

We collaborate with specialists to shape healthcare policies and protocols.

### **Building relationships**

We develop long-term trusted relationships and partnerships with healthcare professionals, healthcare organisations and industry bodies.

We understand how important trust is, and we do everything we can to build and maintain it.



## BARRIER® staff clothing

BARRIER surgical gowns offer different levels of protection, covering the needs of less invasive operations with fluid repellent material to wet surgery with breathable plastic reinforced front, impermeable sleeves and seams. The toughest conditions can be met with a surgical gown that is impermeable all over.

BARRIER surgical gowns have very high comfort levels thanks to breathable and soft material.

Wearing apparel is developed to ensure both patient protection and comfort for healthcare professionals.

Surgical gowns not only help prevent infection of the surgical wound, they also protect the operating team from liquid contamination.

The range of single-use scrub suits and warm-up jackets provides the comfort and quality of wearing fresh clothes every day. Single-use scrub suits contribute to hospital infection control.<sup>1</sup>

BARRIER headwear provides high comfort and reduces the risk of particles falling into the wound.<sup>2</sup>

Medical masks are made from highest quality materials. They offer bacterial filtration and splash resistance.<sup>3</sup>

References: 1. Neely AN, Maley MP. Journal of Clinical Microbial, 2000. 36:724-6. 2. Jan Hoborn. Humans as dispersers of microorganisms - dispersion pattern and prevention. 3. Fulfill the requirements of EN 14683:2005 Surgical masks - Requirements and test methods.

# Choose the right surgical gown for every procedure!

Surgical gowns are designed to protect patients and staff from cross-contamination. Mölnlycke® provides a wide BARRIER® assortment that will enable you to choose the right surgical gown for every procedure.

Materials that are breathable, soft and quiet helps staff to remain focused on the job at hand.



## Tailored for efficiency

The gown designs include ergonomic features that provide great freedom of movement, including:



Shoulder pleats



Forward facing sleeves



Long sleeves



Improved neck closure

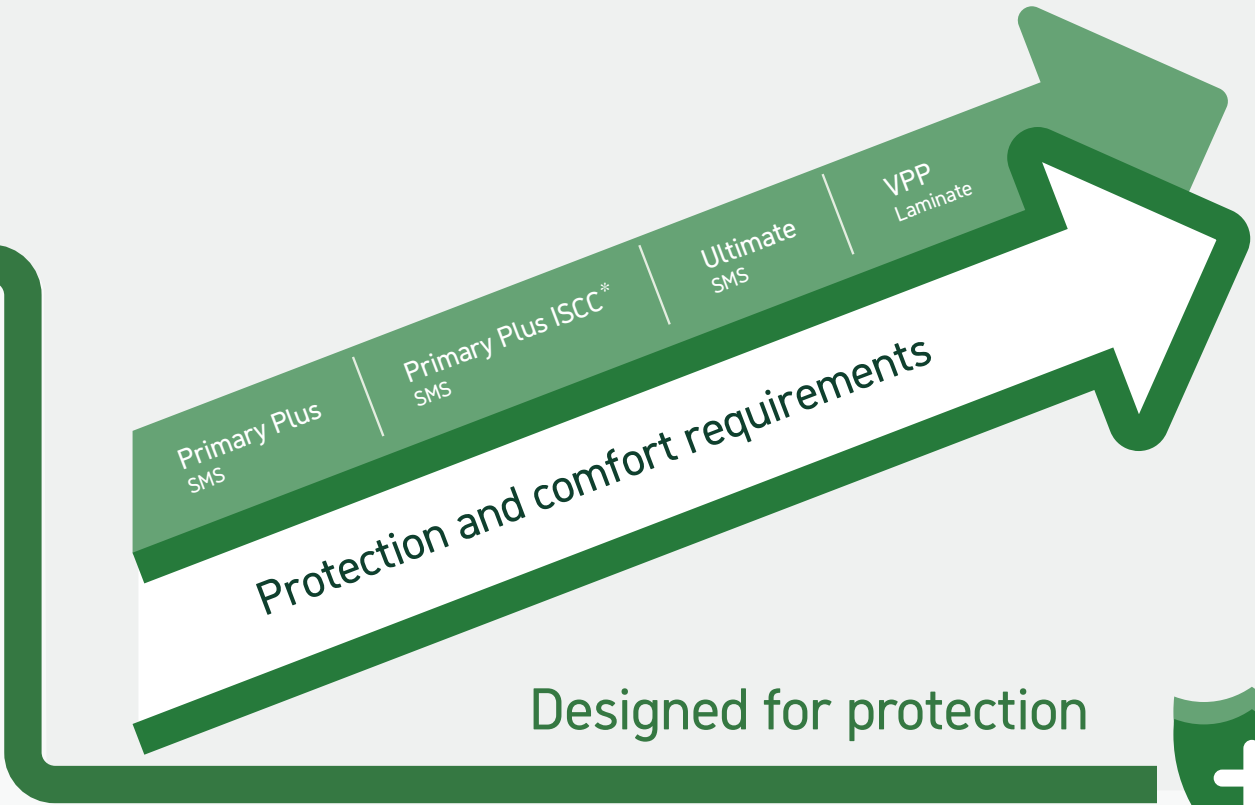
## Material features

### SMS

- Nonwoven polypropylene (spunbond for strength, meltblown for repellency)
- Breathable material
- Low linting

### Laminate

- Multiple-ply material, polyethylene film and polyester/ polyethylene nonwoven
- Breathable material with microporous film that allow air and moisture to move from the body to the outside of the gown
- Polyethylene film prevents fluid strikethrough
- Comfort layer against the skin for increased comfort
- Low linting



Designed for protection



Our range has been designed to provide the optimum combination of protection and comfort – from short, low-fluid procedures to long, complicated high-fluid procedures.

All BARRIER surgical gowns comply with EN 13795-1 standard or high performance and AAMI.<sup>4,5</sup>

The choice of gown depends on the procedure and specified requirements in local settings.



References: 4. Fullfils EN 13795-1:2019 Surgical clothing and drapes - Requirements and test methods - Part 1: Surgical drapes and gowns.  
 5. ANSI/AAMI PB70:2012 Liquid performance and classification of protective apparel and drapes for use in health care facilities.

\*International Sustainability and Carbon Certification

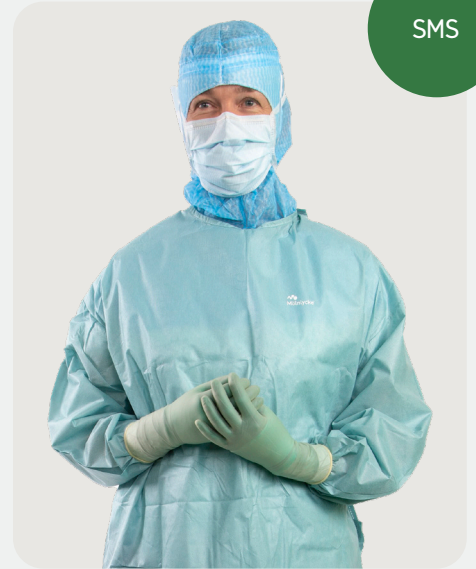
# Comfortable, multi-purpose and cost-effective

**Protection:**

- Suitable for moderate fluid procedures
- Alcohol repellent
- Low linting
- EN13795 Standard Performance<sup>6</sup> or High Performance<sup>7</sup>
- AAMI 2<sup>8</sup> or AAMI 3<sup>9</sup>
- Antistatic treated

**Ergonomic fit and comfort:**

- Breathable
- Ergonomic sleeves provides freedom of movement
- Pleats in shoulders provides more space for comfort
- Neck closure sewn to laid flat



|  |                      |        | Ref. sterile | Size  | Length | Towels | Wrap    | Disp./TRP |
|--|----------------------|--------|--------------|-------|--------|--------|---------|-----------|
|  | Standard performance | AAMI 2 | 580200       | L     | 119cm  | 2      | 60x60cm | 20/40     |
|  |                      |        | 580201       | L-L   | 134cm  | 2      | 60x60cm | 18/36     |
|  |                      |        | 580202       | XL    | 129cm  | 2      | 60x60cm | 18/36     |
|  |                      |        | 580203       | XL-L  | 144cm  | 2      | 60x60cm | 16/32     |
|  |                      |        | 580204       | XXL-L | 145cm  | 2      | 60x60cm | 16/32     |
|  | High performance     | AAMI 3 | 590200       | L     | 119cm  | 2      | 60x60cm | 18/36     |
|  |                      |        | 590201       | L-L   | 134cm  | 2      | 60x60cm | 16/32     |
|  |                      |        | 590202       | XL    | 129cm  | 2      | 60x60cm | 16/32     |
|  |                      |        | 590203       | XL-L  | 144cm  | 2      | 60x60cm | 14/28     |
|  |                      |        | 590204       | XXL-L | 145cm  | 2      | 60x60cm | 14/28     |

References: 6. Fullfils European Standard EN 13795-1:2019 for Standard Performance 7. Fullfils European Standard EN 13795-1:2019 for High Performance. 8. Fullfils ANSI/AAMI PB70:2012 level 2. 9. Fullfils ANSI/AAMI PB70:2012 level 3.

# Comfortable, multi-purpose gown made using bio-based material

**Protection:**

- Suitable for moderate fluid procedures
- Alcohol repellent
- Low linting
- EN13795 Standard Performance<sup>6</sup> or High Performance<sup>7</sup>
- AAMI 2<sup>8</sup> or AAMI 3<sup>9</sup>
- Antistatic treated

**Ergonomic fit and comfort:**

- Breathable
- Ergonomic sleeves provides freedom of movement
- Pleats in shoulders provides more space for comfort
- Neck closure sewn to laid flat

**Sustainable improvements:**

- ISCC certified surgical gowns support reduction of fossil fuel consumption
- ISCC certified surgical gowns support the circular economy<sup>10</sup>
- Sustainable improvements in CO<sub>2</sub>eq reduction<sup>14</sup>
- Transport and dispenser boxes are made of cellulose wood material from FSC<sup>11</sup> certified sources



Supplied without towels and wrap to enable reduction of waste and reduce impact on the environment.

|  |                      |        | Ref. sterile | Size  | Length | Towels | Wrap | Disp./TRP |
|--|----------------------|--------|--------------|-------|--------|--------|------|-----------|
|  | Standard performance | AAMI 2 | 583100       | L     | 119cm  | -      | -    | 20/40     |
|  |                      |        | 583101       | L-L   | 134cm  | -      | -    | 18/36     |
|  |                      |        | 583102       | XL    | 129cm  | -      | -    | 18/36     |
|  |                      |        | 583103       | XL-L  | 144cm  | -      | -    | 16/32     |
|  |                      |        | 583104       | XXL-L | 145cm  | -      | -    | 16/32     |
|  | High performance     | AAMI 3 | 593100       | L     | 119cm  | -      | -    | 18/36     |
|  |                      |        | 593101       | L-L   | 134cm  | -      | -    | 16/32     |
|  |                      |        | 593102       | XL    | 129cm  | -      | -    | 16/32     |
|  |                      |        | 593103       | XL-L  | 144cm  | -      | -    | 14/28     |
|  |                      |        | 593104       | XXL-L | 145cm  | -      | -    | 14/28     |

References: 6. Fullfills European Standard EN 13795-1:2019 for Standard Performance. 7. Fullfills European Standard EN 13795-1:2019 for High Performance. 8. Fullfills ANSI/AAMI PB70:2012 level 2. 9. Fullfills ANSI/AAMI PB70:2012 level 3. 10. CO<sub>2</sub>eq reduction is based on Mölnlycke's life cycle assessment. 11. Forest Stewardship Council™ (FSC) 13. Enabling a circular economy for chemicals with the mass balance approach. A white paper from co.projects mass balance. 2022. 14. Life cycle analysis. 2020 12 30. Comparative LCA on fossil-and biobased raw material for production.

## Soft, lightweight material for improved breathability

**Protection:**

- Suitable for wet procedures
- Alcohol repellent
- Low linting
- EN13795 Standard Performance<sup>6</sup> or High Performance<sup>7</sup>
- AAMI 3<sup>9</sup>
- Antistatic treated

**Ergonomic fit and comfort:**

- Soft, lightweight material
- Breathable
- Ergonomic sleeves provides freedom of movement
- Pleats in shoulders provide more space for comfort



|  |                      |        | Ref. sterile | Size  | Length | Towels | Wrap    | Disp./TRP |
|--|----------------------|--------|--------------|-------|--------|--------|---------|-----------|
|  | Standard performance | AAMI 3 | 6801021      | L     | 119cm  | 2      | 90x90cm | 16/32     |
|  |                      |        | 6801041      | XL    | 129cm  | 2      | 90x90cm | 16/32     |
|  |                      |        | 6801051      | XL-L  | 144cm  | 2      | 90x90cm | 16/32     |
|  |                      |        | 6801061      | XXL-L | 145cm  | 2      | 90x90cm | 14/28     |
|  | High performance     | AAMI 3 | 6901021      | L     | 119cm  | 2      | 90x90cm | 14/28     |
|  |                      |        | 6901041      | XL    | 129cm  | 2      | 90x90cm | 14/28     |
|  |                      |        | 6901051      | XL-L  | 144cm  | 2      | 90x90cm | 12/24     |
|  |                      |        | 6901061      | XXL-L | 145cm  | 2      | 90x90cm | 12/24     |

Comes with larger inner wrap

References: 6. Fullfils European Standard EN 13795-1:2019 requirements for Standard Performance. 7. Fullfils European Standard EN 13795-1:2019 requirements for High Performance. 9. Fulfils ANSI/AAMI PB70:2012 requirements for Level 3 in Critical area.

# Advanced protection virus-proof gown

Laminate


**Protection:**

- Resistant to viruses and microorganisms
- Impermeable front of gown and sleeves
- EN13795 High Performance<sup>7</sup>
- AAMI 4<sup>12</sup>
- Highest level of protection according to International Standards
- Resistant to blood penetration
- Antistatic

**Ergonomic fit and comfort:**

- Lightweight SMS material in the back for extra comfort and fluid repellency



|   |                  |        | Ref. sterile | Size   | Length | Towels | Wrap    | Disp./TRP |
|---|------------------|--------|--------------|--------|--------|--------|---------|-----------|
|  | High performance | AAMI 4 | 852400       | L      | 122cm  | 2      | 95x95cm | 14/28     |
|   |                  |        | 852401       | L-L    | 123cm  | 2      | 95x95cm | 13/26     |
|   |                  |        | 852402       | XL     | 130cm  | 2      | 95x95cm | 13/26     |
|   |                  |        | 852403       | XL-L   | 135cm  | 2      | 95x95cm | 12/24     |
|   |                  |        | 852404       | XXL-L  | 140cm  | 2      | 95x95cm | 11/22     |
|   |                  |        | 852405       | XXL-XL | 155cm  | 2      | 95x95cm | 11/22     |

References: 7. Fullfills European Standard EN 13795-1:2019 for High Performance. 12. Fullfills ANSI/AAMI PB70:2012 level 4.


# Choose the right level of protection according to your procedure

Select the surgical gown based on the type and length of the procedure, amount of fluid and required comfort

|   | Primary Plus |    | ISCC Primary Plus |    | Ultimate |    | VPP |
|---|--------------|----|-------------------|----|----------|----|-----|
|   | SP           | HP | SP                | HP | SP       | HP | HP  |
| <b>AAMI level</b>   | 2            | 3  | 2                 | 3  | 3        | 3  | 4   |
| Simple excisional biopsies  | X            |    | X                 |    | X        |    |     |
| Excisions of "lumps and bumps"  | X            |    | X                 |    | X        |    |     |
| Ophthalmological procedures   | X            |    | X                 |    | X        |    |     |
| Simple ENT procedures   | X            |    | X                 |    | X        |    |     |
| Tonsillectomies and adenoidectomies                                       | X            |    | X                 |    | X        |    |     |
| Endoscopic gastrointestinal procedures                                    | X            |    | X                 |    | X        |    |     |
| Simple orthopaedic procedures with tourniquets                            | X            |    | X                 |    | X        |    |     |
| Open hernia repair  | X            |    | X                 |    | X        |    |     |
| Minimally invasive surgery  | X            |    | X                 |    | X        |    |     |
| Interventional radiology or catheter lab procedures                       | X            |    | X                 |    | X        |    |     |
| Mastectomies  |              | X  |                   | X  |          | X  |     |
| Arthroscopic orthopaedic procedures                                       |              | X  |                   | X  |          | X  |     |
| Endoscopic urological procedures (e.g. transurethral prostate resections) |              | X  |                   | X  |          | X  |     |
| Open gastrointestinal and genito-urinary procedures                       |              | X  |                   | X  |          | X  | X   |
| Any procedure in which the surgeon's hands and arms are in a body cavity  |              |    |                   |    |          |    | X   |
| Orthopaedic procedures without tourniquet                                 |              |    |                   |    |          |    | X   |
| Open cardiovascular or thoracic procedures                                |              |    |                   |    |          |    | X   |
| Trauma procedures   |              |    |                   |    |          |    | X   |
| Caesarean sections  |              |    |                   |    |          |    | X   |


This table provides examples of expected use conditions and health care applications for which each level of barrier performance might be appropriate. The table may be used as an aid in the development of the health care facility's exposure control plan. The examples in the table are not intended to be all-inclusive, nor are they intended to substitute for professional judgement and experience. This table might not cover every situation encountered in the health care facility. Numerous factors can affect the selection of the appropriate barrier product. For example, variations in surgical technique and the duration of the procedure could increase the likelihood of liquid contact and the incidence of pressure applied and thus could influence the risk of exposure. In case in which the risk of exposure increases after the procedure is underway, a change to a higher level of protection should be made, if appropriate. In addition, clinical experience over time could well dictate the choice of levels of barrier performance for particular applications different from those suggested above. Because exposure risks are not equal and procedures could have multiple parts, the users should select the highest level of protection required by the scheduled procedure. Therefore, this table should be considered to provide general guidelines as a starting point for decision-making.

Risk is a function of fluid, quantity, time and exposure

| NURSE CAP  |          |                             |           |
|--|----------|-----------------------------|-----------|
|  | Ref. No. | Description                 | RET/CRTN* |
|  | 621815   | Nurse cap L (elastic), blue | 150/600   |
| ANNIE AUS Only   |          |                             |           |

| SURGICAL CAP   |          |   |           |
|--|----------|---|-----------|
|  | Ref. No. | Description                             | RET/CRTN* |
|  | 621000   | Surgical cap one-size (elastic), green  | 120/960   |
|  | 621001   | Surgical cap one-size (elastic), purple | 120/960   |
|  | 621005   | Surgical cap one-size (elastic), blue   | 120/960   |
| KOSACK   |          |   |           |

| SURGICAL CAP  |          |  |           |
|---|----------|--|-----------|
|   | Ref. No. | Description                            | RET/CRTN* |
|  | 42034    | Surgical cap one-size (tie-band), blue | 100/800   |
| CHIC  |          |  |           |

| SURGICAL CAP  |          |  |           |
|---|----------|--|-----------|
|   | Ref. No. | Description                            | RET/CRTN* |
|  | 42022    | Surgical cap one-size (elastic), blue  | 120/960   |
|   | 42023    | Surgical cap one-size (elastic), green | 120/960   |
|   | 42024    | Surgical cap one-size (elastic), pink  | 120/960   |
| MISS  |          |  |           |

| SURGICAL HOOD  |          |  |           |
|--|----------|--|-----------|
|  | Ref. No. | Description                              | RET/CRTN* |
|  | 42072    | Surgical hood one-size (tie-band), blue  | 120/960   |
|  | 42073    | Surgical hood one-size (tie-band), green | 120/960   |
| ALL  |          |  |           |

| SURGICAL HOOD  |          |   |           |
|--|----------|---|-----------|
|  | Ref. No. | Description   | RET/CRTN* |
|  | 42074    | Surgical hood with sweatband one-size (tie-band), green | 70/560    |
| ALL PRO AUS Only   |          |   |           |

| SURGICAL HOOD  |          |   |           |
|--|----------|---|-----------|
|  | Ref. No. | Description                                   | RET/CRTN* |
|  | 42076    | Surgical hood with sweatband, one-size, green | 50/400    |
| ALL PRO  |          |   |           |

\*RET/CRTN - Retailer/Carton

MEDICAL MASK - For PPE only

| Ref. No.         | Description                  | RET/CRTN* |
|------------------|------------------------------|-----------|
| 4230<br>AUS Only | Medical Mask blue<br>Type II | 60/600    |



MEDICAL MASK - Extra Protection

| Ref. No.         | Description                   | RET/CRTN* |
|------------------|-------------------------------|-----------|
| 4224<br>AUS Only | Medical Mask blue<br>Type IIR | 50/500    |



MEDICAL MASK - Extra Protection

| Ref. No. | Description                   | RET/CRTN* |
|----------|-------------------------------|-----------|
| 4234     | Medical Mask blue<br>Type IIR | 50/500    |



MEDICAL MASK - Extra Protection

| Ref. No.         | Description                       | RET/CRTN* |
|------------------|-----------------------------------|-----------|
| 4236<br>AUS Only | Medical Mask lavender<br>Type IIR | 50/500    |



MEDICAL MASK - Extra Protection

| Ref. No.         | Description                   | RET/CRTN* |
|------------------|-------------------------------|-----------|
| 4232<br>AUS Only | Medical Mask blue<br>Type IIR | 50/200    |



MEDICAL MASK - For PPE only

| Ref. No.         | Description                  | RET/CRTN* |
|------------------|------------------------------|-----------|
| 4231<br>AUS Only | Medical Mask blue<br>Type II | 60/600    |



MEDICAL MASK - Extra Protection


| Ref. No. | Description                   | RET/CRTN* |
|----------|-------------------------------|-----------|
| 4313     | Medical Mask blue<br>Type IIR | 50/600    |




MEDICAL MASK - Extra Protection

| Ref. No. | Description                   | RET/CRTN* |
|----------|-------------------------------|-----------|
| 4315     | Medical Mask blue<br>Type IIR | 50/600    |



| SCRUB SHIRT, BLUE   |          |                   |       |
|---|----------|-------------------|-------|
|   | Ref. No. | Description       | CRTN* |
|  | 21610    | Scrub Shirt S     | 48    |
|   | 21620    | Scrub Shirt M     | 48    |
|   | 21630    | Scrub Shirt L     | 48    |
|   | 21640    | Scrub Shirt XL    | 48    |
|   | 21650    | Scrub Shirt XXL   | 48    |
|   | 21660    | Scrub Shirt XXXL  | 48    |
|   | 21670    | Scrub Shirt XXXXL | 48    |

| SCRUB PANTS, BLUE  |          |                        |       |
|--|----------|------------------------|-------|
|  | Ref. No. | Description            | CRTN* |
|  | 21710    | Drawstring Pants S     | 48    |
|  | 21720    | Drawstring Pants M     | 48    |
|  | 21730    | Drawstring Pants L     | 48    |
|  | 21740    | Drawstring Pants XL    | 48    |
|  | 21750    | Drawstring Pants XXL   | 48    |
|  | 21760    | Drawstring Pants XXXL  | 48    |
|  | 21770    | Drawstring Pants XXXXL | 48    |

| SCRUB SHIRT, GREEN   |          |                   |       |
|--|----------|-------------------|-------|
|  | Ref. No. | Description       | CRTN* |
|  | 18610    | Scrub Shirt S     | 48    |
|  | 18620    | Scrub Shirt M     | 48    |
|  | 18630    | Scrub Shirt L     | 48    |
|  | 18640    | Scrub Shirt XL    | 48    |
|  | 18650    | Scrub Shirt XXL   | 48    |
|  | 18660    | Scrub Shirt XXXL  | 48    |
|  | 18670    | Scrub Shirt XXXXL | 48    |

| SCRUB PANTS, GREEN  |          |                        |       |
|---|----------|------------------------|-------|
|   | Ref. No. | Description            | CRTN* |
|  | 18710    | Drawstring Pants S     | 48    |
|   | 18720    | Drawstring Pants M     | 48    |
|   | 18730    | Drawstring Pants L     | 48    |
|   | 18740    | Drawstring Pants XL    | 48    |
|   | 18750    | Drawstring Pants XXL   | 48    |
|   | 18760    | Drawstring Pants XXXL  | 48    |
|   | 18770    | Drawstring Pants XXXXL | 48    |

| WARM-UP JACKET, BLUE  |          |                     |       |
|---|----------|---------------------|-------|
|   | Ref. No. | Description         | CRTN* |
|  | 28000    | Warm-up jacket S    | 48    |
|   | 28010    | Warm-up jacket M    | 48    |
|   | 28020    | Warm-up jacket L    | 48    |
|   | 28030    | Warm-up jacket XL   | 48    |
|   | 28040    | Warm-up jacket XXL  | 48    |
|   | 28050    | Warm-up jacket XXXL | 48    |

\*CRTN - Carton

# Our goal at Mölnlycke<sup>®</sup>, is to create a frictionless flow in the operating room, where patient outcomes are prioritised, more surgical procedures can take place and healthcare professionals can thrive in their roles.

Mölnlycke<sup>®</sup> provides a range of drapes, staff clothing and surgical instruments for the operating room. The products can be included in ProcedurePak<sup>®</sup> custom packs to increase efficiency or supplied single-packed.

The Mölnlycke Portal assists customers in assembling efficient ProcedurePak<sup>®</sup> custom packs with the right components, maximising value creation for customers.

The Operating Room Solutions (ORS) business prioritises sustainability by offering a variety of products and services that aim to minimise the environmental impact. This includes our sustainable ISCC certified products partly made up of renewable materials, sustainable packaging solutions and waste reduction initiatives. By utilising the Mölnlycke CO<sub>2</sub> calculator tool, We can provide customers with valuable information on the environmental impact of its products.

## Our Strategy

Efficiency is a key driver in the operating room. The trend to deliver more with less has been established over several years. The healthcare system is at a breaking point as it confronts staff shortages, while professionals are working under pressure, forced to conduct more procedures with less resources and spend substantial time on tasks that don't add value. Our ORS team collaborates with customers to improve the standard of care and the efficiency and capacity of the operating room, by eliminating tasks not directly related to healthcare professionals' roles. Going forward, we will continue to deepen our impact in the operating room by establishing an ecosystem that adds value to the pre, intra and post-operative environment.

## Revolutionise care for people and planet

Find out more at [www.molnlycke.com.au](http://www.molnlycke.com.au) | [www.molnlycke.co.nz](http://www.molnlycke.co.nz)

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