Mölnlycke® Health Care is a world leading manufacturer of wound care and single-use surgical products and a service provider to the healthcare sector. Mölnlycke Health Care is one of the most respected professional healthcare brands in the world, and we are particularly known for our unique, high quality range of products and innovative, patented technologies that allow patients to live better lives and help healthcare professionals efficiently treat more patients to better care.

References:
Biogel® surgical glove in-use success

Proven durability to improve safety and increase savings in the O.R.

Against the backdrop of an ever changing regulatory environment, reimbursement changes, hospital budget constraints, and healthcare worker shortages, the demand for healthcare services continues to rise. Improving O.R. efficiency is more important than ever to reduce costs while simultaneously improving patient outcomes and reducing infections.

Surgical glove protection is one of the many factors that work together to prevent infections in the operating room helping to reduce the risk to patients. Fewer glove failures reduces the potential risk of exposure to pathogens and associated costs of treatment.

Proven success, proven durability

Biogel® gloves are less likely to fail than competitors because of their quality and durability. The cost of quality is lower than you might think. Using high quality surgical gloves that fail less can reduce total glove usage in a facility significantly reducing costs and glove waste.

Centers for Disease Control and Prevention (CDC) estimates that as many as 500,000 surgical site infections (SSIs) occur annually, a rate representing as much as 22% of total healthcare-associated infections (HAIs).

The Affordable Care Act includes Medicare Quality Programs that penalize or reward hospitals for meeting specific quality initiatives such as reducing Hospital-acquired Conditions (HAC), reducing high readmission rates, and 24 other defined quality measures. Hospitals are at risk of losing up to a total of 5.4% of Medicare payments. An estimated $1.1 billion will be redistributed based on hospitals’ performance on quality measures.

The average cost of one surgical site infection today is approximately $25,546.

In-use success

Surgical glove suppliers differ substantially when comparing their in-use failure rate performance. A surgical staff-based observational research study comprised of five facilities from across the United States was implemented to analyze glove performance during surgical procedures to uncover in-use failure rates of surgical gloves.

The results were statistically significant, concluding:

Competitive surgical gloves were at least 3.5 times as likely to fail in-use compared to Biogel gloves.
Surgeons and clinical staff have come to trust the protection only Biogel® provides

Ever since Biogel® sold the world’s first powder-free surgical glove in 1983, we have been setting the standard for surgical glove protection. Biogel is the world’s leading brand name in high quality, technically advanced surgical gloves. Our manufacturing facilities test Biogel surgical gloves through 13 distinct quality gates to ensure superior quality. These include mechanical, chemical and microbiological testing.

Every single glove is 100% air-inflated and visually inspected for holes.

Biogel coating makes donning easy

The world’s first polymer coating with hydrophilic properties that conforms to the hand like a second skin.

Clinicians prefer Biogel® gloves

Beyond protection, fit, feel, and comfort are the most important features to surgeons in a surgical glove. Avoiding hand fatigue, maintaining tactile dexterity and sensitivity are important attributes to avoid unnecessary distractions in surgery.

Biogel® offers a full range of synthetic and latex gloves to meet the variety of surgeons and staff needs.

With the facility’s goals in mind, our sales specialists work with each clinician to match the right material, features, and size to the right individuals.

When offered a choice, most clinicians will choose Biogel.

Holes in surgical gloves can result in more infections

- Biogel gloves have an industry leading freedom from holes (AQL: 0.65)
  - The industry standard requirement for Acceptable Quality Level (AQL) is 1.5
  - The actual process average for Biogel is <0.20%
- Biogel gloves exceed industry standards for:
  - Force at break, Tensile strength and Elongation
- Biogel gloves are shipped in air-conditioned containers from the factory to preserve optimal storage conditions

Biogel is the only major surgical glove brand with a non-pyrogenic range

Non-pyrogenic

Endotoxins/Pyrogens present on sterile gloves can be transferred and result in post-op complications and associated costs.

Because minute endotoxin/pyrogen contamination can cause serious reactions including fever, inflammation and even death, the FDA recommends all implantable surgical devices and IV devices be non-pyrogenic.

Exceptional service

Mölnlycke® surgical sales specialists are trained extensively to make converting to Biogel surgical gloves seamless and worry-free. Our clinical nurse specialists are available to support evaluations and conversions and deliver continuing education programs on important healthcare topics such as infection prevention, recommended practices, and the proper use of medical products. Our team works with each facility’s goals to provide recommendations for how to increase O.R. efficiency and safety through glove standardization, latex-free initiatives and glove waste elimination.

- Over 99% of Biogel inventory has been available at all times for the past 4 years
- 10,000 hours of continuing education credit hours delivered on average every year

Powder-free

Powdered gloves can cause postoperative adhesions, granulomas, delayed wound healing, increased risk of infection and occupational asthma.

- High protein levels in latex gloves may also cause latex allergy

All Biogel latex gloves have exceptionally low extractable protein levels

9/10 surgeons agree that Biogel gloves are high quality and provide the durability they need throughout procedures
Why choose latex-free?
Natural rubber latex has been a staple in surgical glove manufacture for many years. Synthetic glove materials with a fit, feel, and comfort similar to latex offer a much needed alternative as latex allergies become more prevalent.

Latex can compromise patient and staff safety

Latex allergies may cause reactions ranging in severity from skin redness or a rash to sneezing or even anaphylaxis, a potentially life-threatening condition. While staff members will be well aware if they have a latex allergy, patients may not be. Due to the possible life-threatening outcomes, precautions must be taken. This means if latex gloves are worn during the set-up of the O.R. and an unexpected patient latex allergy is identified, a complete new set-up is required resulting in wasted materials, staff time and costly idle O.R. time.

Operating Room teardown costs
Moving to synthetic surgical gloves in the O.R. setting significantly reduces the potential health risk to patients and staff and delivers time and cost efficiencies to the hospital.

- One hospital analysis showed O.R. teardowns totaled $96,720 for their facility per year
- Costs included resterilization, idle O.R. time, staff time and wasted disposables

No compromise on comfort
Previous generation synthetic gloves compromised dexterity and sensitivity, but new research shows that most physicians find synthetic gloves as effective and comfortable as their latex equivalents.

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Latex-free, a growing choice for more and more facilities
Approximately half of surgical gloves sold in the U.S. are synthetic and this number is growing while the latex glove category is declining. Major facilities such as the Johns Hopkins Medical Center and the Cleveland Clinic have banned the use of latex gloves. Choosing synthetic gloves can be a cost-effective option to avoid latex allergy-related financial risks.

There’s never been a stronger reason to double-glove
An unbelievable 92% of glove punctures go unnoticed during surgery, putting surgeons, operating staff and patients at risk for cross infection. Medical professionals are exposed to the risk of blood-borne pathogen transmissions in every surgery.

- Every year, 385,000 sharps injuries occur to U.S. healthcare workers
- 99% of polled surgeons said they had suffered at least one needlestick in their career
- The risk of occupational exposure to hepatitis B and C continues to increase

Double-gloving reduces chances of needlestick injury by up to 82%.

Double-gloving is proven to reduce risks of sharps injuries and exposure to bloodborne infections and is recommended by the American College of Surgeons as well as numerous other organizations.

Biogel® Indicator® Undergloves are engineered to provide the optimum level of contrast with Biogel® overgloves, indicating punctures faster and more clearly. If the top glove is punctured, fluid penetrates between the two gloves, and a dark patch alerts the wearer to the puncture. Biogel gloves are specifically designed with double donning in mind.

Biogel’s Indicator double-gloving system was the first patented, effective puncture indication system in the world. Biogel offers both latex and synthetic indicator undergloves that indicate with a variety of Biogel overgloves, allowing you to create your own customized double-gloving system.
Biogel® Synthetic Polyisoprene Glove Range

A sterile, powder-free, synthetic polyisoprene glove that eliminates the possibility of glove-related latex protein sensitization because it is made from a synthetic elastomer. The glove provides levels of fit, feel and comfort comparable to natural rubber latex because synthetic polyisoprene shares a similar molecular structure to natural rubber latex.

### Description
- **Biogel® PI Micro**
- **Biogel® PI UltraTouch™**
- **Biogel® PI UltraTouch™ G**
- **Biogel® PI UltraTouch™ M**
- **Biogel® PI Pro-Fit™**
- **Biogel® PI OrthoPro®**
- **Biogel® PI Indicator® Underglove**
- **Biogel® PI Micro Indicator® Underglove**

### Ideal Use
- For use in all surgeries. For use in microvascular, cardiothoracic, ENT, plastic, neurosurgical, gynecological and general surgical procedures.
- For use in all surgeries. For use in all surgeries where tactile sensitivity is desired.
- For use in all surgeries. For use in all surgeries. It can be used alone or as an overglove with Biogel® PI OrthoPro®.
- For use in all surgeries. Specially designed for use in double-gloving and enhanced tactile sensitivity.

### Color
- Straw Color
- Brown Color
- Straw Color
- Straw Color
- Straw Color
- Straw Color
- Straw Color
- Straw Color
- Strawn Color

### Reorder Number
- 4055-40790
- 4055-40990
- 4055-40890
- 4055-40910
- 4055-40990
- 4055-40890
- 4055-40910

### Thickness
- 8.3 mils*
- 11.2 mils*
- 12.2 mils*
- 13.8 mils*
- 11.5 mils*
- 13.8 mils*
- 11.5 mils*
- 8.3 mils*

### Grip
- 1.0
- 1.0
- 1.0
- 1.0
- 1.0
- 1.0
- 1.0
- 1.0

### Finish
- Micro-roughened Surface
- Micro-roughened Surface
- Micro-roughened Surface
- Micro-roughened Surface
- Micro-roughened Surface
- Micro-roughened Surface
- Micro-roughened Surface
- Micro-roughened Surface

### Former
- Curved Former
- Curved Former
- Curved Former
- Curved Former
- Curved Former
- Curved Former
- Curved Former
- Curved Former

### Cuff
- Anti-Slip, Beaded Cuff
- Anti-Slip, Beaded Cuff
- Beaded Cuff
- Anti-Slip, Beaded Cuff
- Anti-Slip, Beaded Cuff
- Beaded Cuff
- Anti-Slip, Beaded Cuff
- Beaded Cuff

### Sizes
- 5.5-9.0
- 5.5-9.0
- 5.5-9.0
- 5.5-9.0
- 5.5-9.0
- 6.0-9.0
- 6.0-9.0
- 5.5-9.0

### Quantities
- 40 Pairs per box/4 boxes per Case
- 50 Pairs per box/10 boxes per case
- 50 Pairs per box/10 boxes per case
- 50 Pairs per box/10 boxes per case
- 50 Pairs per box/10 boxes per case
- 50 Pairs per box/10 boxes per case
- 50 Pairs per box/10 boxes per case
- 50 Pairs per box/10 boxes per case

### Ideal Use
- For use in all surgeries. For use in all surgeries. For use in all surgeries. For use in all surgeries. For use in all surgeries. For use in all surgeries. For use in all surgeries. For use in all surgeries.

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*Finger Thickness Single Wall, Typically

94% of surgeons rated the comfort of Biogel® PI synthetic gloves as good or better than Biogel® latex.
Biogel® Latex Glove Range

**Natural Rubber Latex**

A sterile, powder-free, natural rubber latex glove. All Biogel® latex gloves have exceptionally low extractable protein levels and low endotoxin levels (<0.5 EU/mL).

**Biogel® Surgeons**
- Description: Provides excellent barrier protection
- Color: Straw Color
- Reorder Number: 30455-30490
- Thickness: 10.6 mils*
- Grip: 1.0
- Finish: Micro-roughened Surface
- Former: Curved Former
- Cuff: Beaded Cuff
- Sizes: 5.5-9.0
- Quantities: 50 pairs per box/4 boxes per case
- Ideal Use: For use in all surgeries
- *Finger Thickness

**Biogel® Eclipse®**
- Description: 30% softer with enhanced sensitivity
- Color: Straw Color
- Reorder Number: 79255-79290
- Thickness: 9.4 mils*
- Grip: 2.0
- Finish: Micro-roughened Surface
- Former: Curved Former
- Cuff: Anti-Slip, Beaded Cuff
- Sizes: 5.5-9.0
- Quantities: 50 pairs per box/4 boxes per case
- Ideal Use: For use in all surgeries especially for neurosurgical, plastic, and vascular
- **Breakthrough testing times are available by request**

**Biogel® Super-Sensitive®**
- Description: Enhanced tactile sensitivity with flexibility and manual dexterity
- Color: Straw Color
- Reorder Number: 30555-30590
- Thickness: 11.0 mils*
- Grip: 1.5
- Finish: Micro-textured Surface
- Former: Curved Former
- Cuff: Beaded Cuff
- Sizes: 5.5-9.0
- Quantities: 50 pairs per box/4 boxes per case
- Ideal Use: For use in all surgeries especially for neurosurgical, microvascular, and cardiac
- **Breakthrough testing times are available by request**

**Biogel® M**
- Description: Enhanced tactile sensitivity with a reduced surface for a positive grip
- Color: Straw Color
- Reorder Number: 31060-31090
- Thickness: 11.8 mils*
- Grip: 2.0
- Finish: Micro-roughened Surface
- Former: Curved Former
- Cuff: Optifit Beaded Cuff
- Sizes: 6.0-9.0
- Quantities: 50 pairs per box/4 boxes per case
- Ideal Use: For use in all orthopaedic surgeries where robust barrier protection is necessary
- **Breakthrough testing times are available by request**

**Biogel® Sensor®**
- Description: 10% thicker to provide durability and extra protection
- Color: Straw Color
- Reorder Number: 31285-31290
- Thickness: 8.5 mils*
- Grip: 1.0
- Finish: Micro-roughened Surface
- Former: Curved Former
- Cuff: Beaded Cuff
- Sizes: 5.5-9.0
- Quantities: 50 pairs per box/4 boxes per case
- Ideal Use: For use alone or as part of a Puncture Indication System
- *Green for Puncture Indication

**Biogel® Optifit® Orthopaedic**
- Description: Provides extra grip and control
- Color: Straw Color
- Reorder Number: 30655-30690
- Thickness: 9.1 mils*
- Grip: 2.5
- Finish: Micro-roughened Surface
- Former: Curved Former
- Cuff: Beaded Cuff
- Sizes: 5.5-9.0
- Quantities: 50 pairs per box/4 boxes per case
- Ideal Use: For use alone or as part of a Puncture Indication System
- **Blue for Puncture Indication

**Biogel® Indicator® Underglove**
- Description: Provides low dermatitis potential
- Color: Straw Color
- Reorder Number: 30355-30390
- Thickness: 9.1 mils*
- Grip: 1.5
- Finish: Micro-textured Surface
- Former: Curved Former
- Cuff: Beaded Cuff
- Sizes: 5.5-9.0
- Quantities: 25 pairs per box/6 boxes per case
- Ideal Use: For use in all surgeries especially for neurosurgical, microvascular, and cardiac
- **Breakthrough testing times are available by request**

**Biogel® NeoDerm®**
- Description: Provides extra protection due to longer chemical breakthrough time
- Color: Straw Color
- Reorder Number: 31455-31490
- Thickness: 8.3 mils*
- Grip: 1.5
- Finish: Micro-roughened Surface
- Former: Curved Former
- Cuff: Beaded Cuff
- Sizes: 5.5-9.0
- Quantities: 50 pairs per box/4 boxes per case
- Ideal Use: For use alone or as part of a Puncture Indication System
- **Blue for Puncture Indication

**Biogel® Skinsense® Indicator® Underglove**
- Description: Non-Sterile glove with low dermatitis potential
- Color: Straw Color
- Reorder Number: 82555-82590
- Thickness: 8.5 mils*
- Grip: 2.0
- Finish: Micro-textured Surface
- Former: Curved Former
- Cuff: Beaded Cuff
- Sizes: 5.5-9.0
- Quantities: 50 pairs per box/4 boxes per case
- Ideal Use: For use in all surgeries, especially for neurosurgical, microvascular, and cardiac
- **Breakthrough testing times are available by request**

**Biogel® Skinsense®**
- Description: Provides extra protection due to longer chemical breakthrough time
- Color: Straw Color
- Reorder Number: 42955-42990
- Thickness: 8.7 mils*
- Grip: 2.0
- Finish: Smooth Finish for Double Donning
- Former: Curved Former
- Cuff: Beaded Cuff
- Sizes: 5.5-9.0
- Quantities: 50 pairs per box/4 boxes per case
- Ideal Use: For use in all surgeries especially for neurosurgical, microvascular, and cardiac
- **Breakthrough testing times are available by request**

**Biogel® Skinsense® Indicator® Underglove**
- Description: For use alone or as part of a Puncture Indication System
- Color: Straw Color
- Reorder Number: 40655-40690
- Thickness: 8.3 mils*
- Grip: 1.0
- Finish: Smooth Finish for Double Donning
- Former: Curved Former
- Cuff: Beaded Cuff
- Sizes: 5.5-9.0
- Quantities: 50 pairs per box/4 boxes per case
- Ideal Use: For use in all surgeries especially for neurosurgical, microvascular, and cardiac
- **Breakthrough testing times are available by request**

All Biogel latex gloves have exceptionally low extractable protein levels.9