

Biogel[®]

**THIS GLOVE
REDUCES
THE RISK OF
SURGICAL SITE
INFECTIONS.**



Mölnlycke[®]

PROTECT STAFF, PATIENTS AND YOUR BOTTOM LINE.

Surgical glove protection is one of the many factors that work together to prevent surgical site infections (SSIs). A glove either performs at a high level that minimizes failures, or it places everyone at risk when breaches go undetected. Biogel gloves were designed to enhance the performance of clinicians by providing a better fitting and more comfortable glove while increasing safety and protection from pathogens.

Biogel. Anything less is just too big a risk.

Surgical gloves differ substantially when comparing in-use failure rates. A surgical staff-based observational research study comprised of five facilities from across the United States was implemented to uncover actual in-use failure rates of surgical gloves during surgical procedures. The results were statistically significant, concluding that non-Biogel gloves were at least 3.5 times as likely to fail as Biogel gloves.¹

3.5x

less in-use failures than the competitive gloves because of their quality and durability¹



A BETTER GLOVE. HANDS DOWN.

Biogel gloves lower risk and can save thousands of dollars in the operating room by protecting surgeons and staff from occupational exposure and protecting patients from SSIs.² Based on a clinical study, glove perforation has been shown to increase the risk of SSIs to 6.9%.³ Fewer glove failures reduce the potential patient risk of exposure to pathogens and associated costs of treatment and potential resulting SSIs.

Biogel can lower the risk of SSIs.

Let's calculate the potential savings for a sample 250 bed hospital with 10,000 surgical procedures. Glove perforations can increase the risk of SSIs to 6.9%.³ Each SSI can cost a low average of \$25,546⁴ For 10,000 surgeries, an average of 442 SSIs could result from various factors.

- With Biogel gloves, less failures occur and all associated costs are reduced including SSI-related costs²
- Biogel gloves can reduce SSIs resulting from glove perforations by 8.4²
- The resulting potential savings for a 10,000 surgical procedure hospital could be \$56 per surgery or approximately \$560,000^{1,4}

Our surgical specialists can work with your facility to determine what your potential savings could be.

SSIs are the #1 most costly Healthcare Associated Infection⁵

BIOGEL BY THE NUMBERS

FAILURE RATE

3.5x lower than similar gloves¹

SSIs

8.4 fewer SSIs for every
10,000 surgeries²

SAVINGS

\$56 in potential savings per surgery²



BIOGEL GLOVES OUTPERFORM IN ALL-KEY METRICS.

Biogel is the world's leading surgical glove brand producing high quality, technically advanced surgical gloves. Mölnlycke sets the standard for surgical glove protection by continuing to exceed industry standards for surgical glove manufacturing. Surgeons and clinical staff have come to trust the reliable protection only Biogel provides.

100%

Every glove is 100% air-inflated and visually inspected for holes.⁶

0.65

The Biogel AQL is 0.65 (process average is 0.20%) which exceeds the FDA Acceptable Quality Limit standard of 1.5.⁶

13

Every Biogel glove undergoes a 13-point review to ensure quality including mechanical, chemical and microbiological testing.⁶

90%

Nine out of 10 surgeons prefer the comfort and durability of Biogel.⁶

95%

Ninety-five percent of hospitals purchase Biogel gloves.⁷

No Compromise on Comfort

Biogel uses a proprietary polymer coating with hydrophilic properties that makes donning easy and conforms to the hand like a second skin. It was this coating that delivered the world's first powder-free glove in 1983.



PUNCTURE PROTECTION THAT POKES HOLES IN OTHER GLOVES.

Biogel's Indicator double-gloving system was the first patented puncture indication system in the world. Biogel offers both latex and non-latex indicator undergloves that indicate with a variety of Biogel overgloves, allowing you to create your own customized double-gloving system balancing protection and tactile sensitivity.

Why double-glove?

Double-gloving is proven to reduce risks of sharps injuries and exposure to bloodborne infections by 71%⁸

- On average, only 10% of glove punctures are noticed during surgery putting surgeons, operating staff and patients at risk for cross infection⁹
- At least 60 different bloodborne pathogens can be transmitted to healthcare workers due to accidental exposures. HIV, Hep B and Hep C account for most of this risk¹⁰
- 99% of polled surgeons said they had suffered at least 1 needlestick in their careers¹¹

Biogel® Indicator® Undergloves are uniquely engineered to work together to maximize speed and visibility of any puncture or breach.¹³



The Biogel® Puncture Indication System™ can increase breach detection from 10% to 97%.^{9, 12}

Clear: Blue inner glove color was selected based on color physics to maximize visibility.¹³

Fast: Designed to make the spot following a puncture visible as fast as possible.¹³

Large: Indication size is designed to provide a large, visual alert from a distance.¹³

THE CASE FOR ELIMINATING LATEX FROM YOUR FACILITY.

Previous synthetic gloves compromised dexterity and sensitivity. New research shows that most physicians find the new generation of synthetic, non-latex surgical gloves as effective and comfortable as their latex equivalents.¹⁴

Why risk it?

- Latex allergy is present in one to five percent of the general population¹⁵
- 34% of O.R. staff are latex sensitive¹⁶
- 58% of O.R.s report at least one teardown per month as a result of a late latex allergy discovery¹⁷

CASE STUDY: Converting to Biogel® synthetic gloves reduced overall costs by 25%.¹⁸

Eliminating latex gloves in the O.R. significantly reduces the potential health risk to patients and staff, while delivering cost efficiencies to the hospital. Even with the increased price of synthetic gloves, hospitals can reduce total costs standardizing to Biogel synthetic gloves.

A retrospective case study at Alta Bates Medical Center in Berkley, California was conducted to quantify costs associated with converting from natural rubber latex to synthetic gloves.

CONCLUSION: Alta Bates 100% conversion to Biogel synthetic surgical gloves significantly:

- Reduced overall costs by 25% saving \$74,542
- Eliminated Type 1 latex allergic events for both patients and staff
- Eliminated latex-related O.R. teardowns
- Improved patient and healthcare worker safety

94%

of surgeons surveyed rated the comfort of Biogel PI synthetic gloves as good or better than Biogel Latex.¹⁴



WE'RE EXCELLENT AT IMPLEMENTING EXCELLENCE.

The Mölnlycke® surgical support team is trained extensively to make converting to Biogel® surgical gloves seamless and worry-free. From pre-conversion to post-conversion, our team will be onsite for glove style selection, stock replacement and individual glove fittings. Our clinical nurse specialists are available to deliver live continuing education programs on important healthcare topics such as infection prevention, double-gloving and other recommended practices. 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.

PRE-CONVERSION

- » Glove sizing
- » Style selection
- » In-servicing

CONVERSION

- » On-site support
- » Coordinate stocking
- » Stock replacement

POST-CONVERSION

- » Follow-up visits
- » Efficiency reviews
- » CE education

PROVEN PERFORMANCE. INCREASED SAFETY. BETTER VALUE.

Biogel is clinically proven to outperform similar gloves. A lower glove failure rate means less glove waste, increased protection and reduced SSIs. When a glove doesn't perform, it places everyone at risk including surgeons, staff and patients. Biogel gloves are world-leading, not only in design and performance, but also in delivering staff safety and supporting your goals of reducing surgical site infections.

Choose the surgical glove partner that is preferred by clinicians and will support your facility's goals every step of the way.

Biogel is the best choice for all hands involved.

CHOOSE
Biogel®



Biogel® Synthetic Polyisoprene Glove Range



Synthetic Polyisoprene

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.



**Biogel® PI
Micro**



**Biogel® PI
UltraTouch®**



**Biogel® PI
UltraTouch® G**



**Biogel® PI
UltraTouch® M**



Biogel® PI

Description	Enhanced tactile sensitivity	Enhanced sensitivity and softness	Enhanced sensitivity and softness with extra grip	Enhanced sensitivity and softness with extra grip and control	Enhanced softness and medium thickness
Color	Straw Color	Straw Color	Straw Color	Straw Color	Straw Color
Reorder Number	48555-48590	41155-41190	42155-42190	42655-42690	40855-40890
Thickness	8.3 mils*	10.6 mils*	10.6 mils*	11.2 mils*	12.2 mils*
Grip	1.5	1.0	1.5	1.5	1.0
Finish	Micro-roughened Surface	Micro-roughened Surface	Micro-roughened Surface	Micro-textured Surface	Micro-roughened Surface
Former	Curved Former	Curved Former	Curved Former	Straight Former	Curved Former
Cuff	Anti-Slip, Beaded Cuff	Anti-Slip, Beaded Cuff	Anti-Slip, Beaded Cuff	Beaded Cuff	Anti-Slip, Beaded Cuff
Sizes	5.5-9.0	5.5-9.0	5.5-9.0	5.5-9.0	5.5-9.0
Quantities	50 Pairs per box/4 boxes per Case 40 pairs per box for size 9	50 Pairs per box/4 boxes per Case 40 pairs per box for size 9	50 Pairs per box/4 boxes per Case 40 pairs per box for size 9	50 Pairs per box/4 boxes per Case 40 pairs per box for size 9	50 Pairs per box/4 boxes per Case 40 pairs per box for size 9

*Finger Thickness
Single Wall, typically

CHOOSE
Biogel®



Biogel® PI Pro-Fit®

Biogel® PI OrthoPro®

Biogel® PI Indicator® Underglove

Biogel® PI Micro Indicator® Underglove

Reduces hand and thumb fatigue during surgery	Thicker for increased protection	For use alone or as part of a Puncture Indication System	For use alone or as part of a Puncture Indication System
Straw Color	Brown Color	Blue for Puncture Indication	Blue for Puncture Indication
47960-47990	47660-47690	41655-41690	48955-48990
10.6 mils*	13.8 mils*	11.0 mils*	8.3 mils*
1.5	1.5	1.0	1.0
Micro-roughened Surface	Micro-roughened Surface	Smooth Finish for Double Donning	Smooth Finish for Double Donning
Biomechanically Optimized Former	Biomechanically Optimized Former	Curved Former	Curved Former
Anti-Slip, Beaded Cuff	Extended, Beaded Cuff	Beaded Cuff	Beaded Cuff
6.0-9.0	6.0-9.0	5.5-9.0	5.5-9.0
50 Pairs per box/4 boxes per Case 40 pairs per box for size 9	40 Pairs per box/4 boxes per Case	50 Pairs per box/4 boxes per Case 40 pairs per box for size 9	50 Pairs per box/4 boxes per Case 40 pairs per box for size 9

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



Biogel® Eclipse®



Biogel® Super-Sensitive®



Biogel® M



Biogel® Sensor®

Description	Provides excellent barrier protection	30% softer with enhanced sensitivity	Enhanced tactile sensitivity with flexibility and manual dexterity	Specially treated surface for extra grip and control	Enhanced tactile sensitivity with a textured surface for a positive grip
Color	Straw Color	Straw Color	Straw Color	Straw Color	Straw Color
Reorder Number	30455-30490	75255-75290	82555-82590	30555-30590	30655-30690
Thickness	10.6 mils*	9.4 mils*	8.5 mils*	11.0 mils*	9.1 mils*
Grip	1.0	2.0	2.0	2.0	2.5
Finish	Micro-roughened Surface	Micro-roughened Surface	Micro-roughened Surface	Micro-textured Surface	Micro-textured Surface
Former	Curved Former	Curved Former	Curved Former	Straight Former	Straight Former
Cuff	Beaded Cuff	Anti-Slip, Beaded Cuff	Beaded Cuff	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
Quantities	50 Pairs per box/4 boxes per Case 40 pairs per box for size 9	50 Pairs per box/4 boxes per Case 40 pairs per box for size 9	50 Pairs per box/4 boxes per Case 40 pairs per box for size 9	50 Pairs per box/4 boxes per Case 40 pairs per box for size 9	50 Pairs per box/4 boxes per Case 40 pairs per box for size 9

*Finger Thickness
Single Wall, typically

**Breakthrough testing times
are available by request

CHOOSE
Biogel®



Biogel® Synthetic Polychloroprene Glove Range

Non-Sterile

Synthetic Polychloroprene

A sterile, powder-free, synthetic polychloroprene glove that reduces the possibility of glove-related latex protein sensitization because it is made from a synthetic elastomer.



Biogel® Optifit® Orthopaedic



Biogel® Indicator® Underglove



Biogel® Diagnostic



Biogel® NeoDerm®



Biogel® Skinsense®



Biogel® Skinsense® Indicator® Underglove

10% thicker to provide durability and extra protection

Straw Color

31060-31090

11.8 mils*

3.0

Micro-roughened Surface

Curved Former

Optifit Beaded Cuff

6.0-9.0

40 Pairs per box/4 boxes per Case

For use alone or as part of a Puncture Indication System

Green for Puncture Indication

31255-31290

8.5 mils*

1.0

Smooth Finish for Double Donning

Curved Former

Beaded Cuff

5.5-9.0

50 Pairs per box/4 boxes per Case
40 pairs per box for size 9

Non-Sterile glove with low dermatitis potential

Straw Color

30355-30390

11.0 mils*

1.5

Micro-textured Surface

Straight Former

Beaded Cuff

5.5-9.0

25 Pairs per box/6 boxes per Case

Low dermatitis potential

Khaki Color

42955-42990

8.7 mils*

1.5

Micro-roughened Surface

Curved Former

Beaded Cuff

5.5-9.0

50 Pairs per box/4 boxes per Case
40 pairs per box for size 9

Provides extra protection due to longer chemical breakthrough time

Straw Color

31455-31490

8.3 mils*

1.5

Micro-roughened Surface

Curved Former

Beaded Cuff

5.5-9.0

50 Pairs per box/4 boxes per Case
40 pairs per box for size 9

For use alone or as part of a Puncture Indication System

Blue for Puncture Indication

40655-40690

8.3 mils*

1.0

Smooth Finish for Double Donning

Curved Former

Beaded Cuff

5.5-9.0

50 Pairs per box/4 boxes per Case
40 pairs per box for size 9



BETTER LIVES THROUGH BETTER HEALTH CARE.

Mölnlycke® Health Care is a world leader in wound care and single-use surgical products. From product design and manufacturing, to consulting and service, we're known globally for the unique ways we help patients live better lives, by helping health care professionals provide better care.

Mölnlycke is proud to support Operation Smile that provides reconstructive surgery for children born with facial deformities. Mölnlycke has partnered with Operation Smile for 10 years, donating over 1.4 million Biogel® gloves.¹⁹

[www.molnlycke.us /choosebiogel](http://www.molnlycke.us/choosebiogel)

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Biogel®



We're here to help, when you need us. Call your Mölnlycke® Health Care Representative.
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