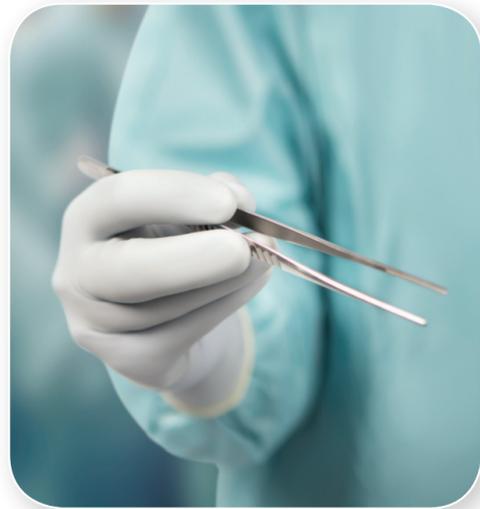


There's never been a stronger reason to double-glove

An unbelievable 92% of glove punctures go unnoticed during surgery exposing surgeons, operating staff and patients to the risk of blood-borne virus transmissions.¹¹

Double-gloving is proven to reduce the risk of exposure to patient blood by as much as 87% when the outer glove is punctured.¹² The practice of double-gloving is recommended by the American College of Surgeons as well as numerous other organizations¹³ and yet there has been reluctance on the part of the surgical community to uniformly accept double-gloving.¹⁴



Many surgeons cite fear of loss of manual dexterity and tactile sensation as the reason they do not double-glove.¹⁵ However, a study published in the Journal of the American College of Surgeons showed that tactile sensitivity and manual dexterity are not impacted by double-gloving.¹⁵

Double-gloving with the Biogel® Puncture Indication® System™ can detect up to 97% of punctures¹⁶ and provide a thinner double-gloving system

Biogel® PI Micro was designed with double-gloving 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.



"Thin glove—good for double-gloving."
—Biogel PI Micro Study Respondent³

Biogel® PI Micro Heightened sensitivity with proven strength³

Specifications:

- Synthetic polyisoprene
- Not made from natural rubber latex
- Enhanced grip
- Made with a curved former
- 8.3 mils finger thickness
- Anti-slip cuff



STRAW COLOR

Suggested Uses:

- Recommended for all types of surgery where enhanced tactile sensitivity is desired especially cardiovascular, neurosurgery, ophthalmology, ENT and plastic surgery
- Recommended as an overglove to the Biogel® PI Indicator® Underglove to create a thinner double-gloving system



Re-order #485

#	Size	Pairs
48555	5.5	50/Box
48560	6.0	50/Box
48565	6.5	50/Box
48570	7.0	50/Box
48575	7.5	50/Box
48580	8.0	50/Box
48585	8.5	50/Box
48590	9.0	40/Box

4 boxes per case

Contact your local Biogel® representative or visit www.molnlycke.com/us to request a sample of Biogel® PI Micro.

References: 1. Tiefenthaler W et al. Touch sensitivity with sterile standard gloves and single-use protective gloves. *Anaesthesia* 2006; 61: 959-61. 2. Webb JM, Pentlow BD. Double Gloving and Surgical Technique. *Ann R Coll Surg Engl* 1993; 75: 291-2. 3. MHC Clinical Study #G14-001. 4. Harnob J-C, Partridge L-I et al. Double Gloving, Changing Gloves in Surgery Diminish Bacterial Infection. *Am J Infect Control* 2010; 38 (March): 154-8. 5. Misteli H et al. Surgical glove perforation and the risk of surgical site infection. *Arch Surg*. 2009; 144(6): 553-558. 6. Reducing Surgical Site Infections. National Patient Safety Foundation. Feb. 21, 2012. 7. Scott, Douglas R II. The Direct Costs of Healthcare-Associated Infections in U.S. Hospitals and the Benefits of Prevention. March 2009. 8. MHC Study, Data on file. 9. GHX Quarterly Report. Total Surgical Gloves Market, March 2014. 10. Biogel Challenge Results. 94% of Surgeons. 11. Carey WD. The prevalence and natural history of hepatitis B in the 21st century. *Cleveland Clinic Journal of Medicine Supplement*. 2009. 12. Sadat-Ali M et al. Can double-gloves improve surgeon-patient barrier efficiency? *International Surgery*. 2006; 91(3): 181-184. 13. Information statement 1018: Preventing the transmission of bloodborne pathogens. American Academy of Orthopedic Surgeons, <http://www.aaos.org/about/papers/advismt/1018.asp>. 14. St Germaine RL, Hanson J, de Gara CJ. Double gloving and practice attitudes among surgeons. *AM J Surg* 2003; 185:141-145. 15. Fry D et al. Influence of Double-Gloving on Manual Dexterity and Tactile Sensation of Surgeons. *J Am Coll Surg* 2010 Mar; 210(3):325-30. 16. Wigmore SJ & Rainey JB. *BJs* 1994; 81:1480.



This product is not made from natural rubber latex



The Mölnlycke® Health Care and Biogel® names and logos are registered globally to one or more of the Mölnlycke® Health Care Group of Companies. Distributed by Mölnlycke® Health Care US, LLC, Norcross, Georgia 30092. ©2014 Mölnlycke® Health Care AB. All rights reserved. Lit# 1-0398 MHC-2014-2560



**Biogel® PI Micro
Heightened sensitivity with proven strength**

Biogel® PI Micro



Not all surgical gloves deliver the sensitivity you want

- Common concerns about surgical gloves include loss of sensitivity¹ and difficulty performing fine, manipulative skills with enough accuracy²
- The exacting demands of modern surgery make it essential that surgical teams are able to operate in comfort and confidence



In a clinical study, 90% rated the Biogel® PI Micro better than their current glove in tactile sensitivity³

Not all thin gloves deliver the protection you need

Surgical gloves commonly develop micro-perforations⁴ so when choosing a thinner glove, it is important to know you will still be getting the protection you need.

- The risk of Surgical Site Infection (SSI) is significantly higher in procedures in which gloves are perforated⁵

500,000
SURGICAL SITE INFECTIONS
ANNUALLY

EACH COSTING EST.
\$25,546

Glove failure can have serious financial implications

- Centers for Disease Control and Prevention (CDC) estimates that as many as **500,000** surgical site infections (SSIs) occur annually⁶
- The average cost of one SSI is approximately **\$25,546**⁷

Biogel® PI Micro Thin enough to feel, strong enough to protect



- **90% rated the gloves better in comfort**³
- **80% rated the gloves better in strength**³

In a clinical study, surgeons compared Biogel® PI Micro gloves in-use to the surgical gloves they normally wear.

The Biogel PI Micro surgical glove is a thinner synthetic glove, specifically designed to enhance tactile sensitivity while continuing to provide proven protection

- Made from a synthetic elastomer eliminating the possibility of glove related latex protein sensitization
- Typically 20% thinner than Biogel® PI UltraTouch®
- Specially treated slip-resistant surface enables grip and control of surgical instruments

Suggested Uses:

- Recommended for all types of surgery where enhanced tactile sensitivity is desired especially cardiovascular, neurosurgery, ophthalmology, ENT and plastic surgery
- Recommended as an overglove to the Biogel® PI Indicator® Underglove to create a thinner double-gloving system

Proven success, proven durability

- Biogel® gloves exceed industry standards for: Force at break, Tensile strength and Elongation⁸
- Biogel gloves have an industry-leading freedom from holes with a 0.65 AQL



Every Biogel glove is 100% air inflation tested and visually inspected for holes⁸

No compromise on comfort for synthetic protection

Synthetic gloves have come a long way from the “dishwasher” gloves they used to be. Polyisoprene has become the preferred alternative to natural rubber latex gloves.⁹

- Synthetic gloves can help prevent latex sensitization and anaphylactic reactions, avoid costly O.R. teardowns, and workers compensation
- Polyisoprene provides a similar fit, feel and comfort to natural rubber latex because it shares the same molecular structure
- A thinner synthetic glove may offer the tactile sensitivity that some clinicians have been seeking to finally switch from latex



“Overall a comfortable glove; felt good control”

—Biogel® PI Micro Study Respondent³

94% of surgeons rated the comfort of Biogel® PI synthetic gloves as good or better than Biogel® Latex gloves¹⁰



Biogel® PI Micro