

Detection is the best prevention

Introducing Biogel[®] Tech critical environment gloves

Biogel[®] Tech
Hands Deserve Better[™]



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How it works

Overcoming challenges in critical environments

It is essential to use quality equipment in a critical environment to protect the process, the product and the operator.

The Biogel® Tech range are gloves specifically designed for use in critical environments such as pharmaceutical or biotech manufacturing facilities, research laboratories, or hospital pharmacy compounding units.

- A variety of sterile over- and undergloves designed to be worn together to form an Indication System.
- Biogel® Tech Indicator® Undergloves are uniquely engineered to work together to maximise speed and visibility of an overglove breach when in contact with fluid^{1,2}
- Suitable for use in aseptic, ISO 5 (Class 100)/ EU GMP Grade A environments^{3,4,5}
- Low liquid particle count⁶

How it feels

Feel the difference with a Biogel® Tech glove

The Biogel® Tech range has good anatomical fit and are designed to be comfortable, even when you are double-gloving⁷⁻¹⁰.

Biogel uses a proprietary polymer coating with hydrophilic properties that makes double donning easy¹¹.



With high dexterity and tactile sensitivity your hands can do their job, while the indication system lets you focus without fear of missing an overglove breach¹².

How it's packed



Packaging designed for critical environments

The Biogel® Tech range of gloves are designed for use in critical environments and are PPE certified. The triple-bagged heat sealed packaging complies with critical environment hygiene protocols and ensures simplicity of use as the layers of packaging can be removed.



High quality plastic innerwrap to keep particle count to a minimum. The wrapping stays open when unfolded **to ensure aseptic donning.**



Biogel® Tech range

The gloves in the Biogel® Tech range are made to protect the process, the product and the operator

- AQL of 0.65 (freedom from holes), determined post packaging⁷
- Every glove (100%) is air-inflation tested for holes typically not detected in a visual inspection¹³
- Exclusively powder-free
- Excellent barrier protection¹⁴⁻¹⁶
- Low endotoxin level [<20 EU/pair]⁷
- Highly controlled sterilisation SAL 10^{-6} (at ≥ 25 kGy dose)
- Produced in a controlled environment with strict hygiene standards throughout the facility. All of our facilities conform to ISO 13485 and ISO 14001⁷

Biogel® Tech range

A broad range of gloves to meet a variety of needs in a critical environment



Biogel NeoTech
44509xx
Polychloroprene
For use in critical environments
Tested against ASTM D6978-05, ASTM F739 and EN standards for chemotherapy drug handling and chemical breakthrough time
PPE class III, Type A



Biogel NeoTech Indicator Underglove
44406xx
Polychloroprene
For use in critical environments
Tested against ASTM D6978-05, ASTM F739 and EN standards for chemotherapy drug handling and chemical breakthrough time
PPE class III, Type B



Biogel PI Micro Tech
44485xx
Polyisoprene
Tested against ASTM D6978-05, ASTM F739 and EN standards for chemotherapy drug handling and chemical breakthrough time
PPE class III, Type B



Biogel PI Micro Tech Indicator Underglove
44489xx
Polyisoprene
Blue underglove for puncture detection
Tested against ASTM D6978-05, ASTM F739 and EN standards for chemotherapy drug handling and chemical breakthrough time
PPE class III, Type BB



Biogel PI Tech
44409xx
Polyisoprene
Tested against ASTM D6978-05, ASTM F739 and EN standards for chemotherapy drug handling and chemical breakthrough time
PPE class III, Type B



Biogel PI Tech Indicator Underglove
44416xx
Polyisoprene
Blue underglove for puncture detection
Tested against ASTM D6978-05, ASTM F739 and EN standards for chemotherapy drug handling and chemical breakthrough time
PPE class III, Type B



Biogel Tech
44822xx
Natural rubber latex
All purpose durable glove
PPE class III, Type C

Range of **eight sizes** (5,5 - 9) to ensure wearer comfort.

EN ISO 374-5:2016 EN ISO 374-1:2016 Type A EN ISO 374-1:2016 Type B EN ISO 374-1:2016 Type C



Tested for use with chemotherapy agents

Please refer to separate permeation sheet and instructions for use for breakthrough time for chemicals and chemotherapy agents.

Biogel® Tech

Hands Deserve Better™



References: 1. Wigmore SJ & Rainey JB. Use of coloured undergloves to detect puncture. BJS 1994; 81:1480. 2. Summary of Indication Performance of Biogel Indicator Systems versus Competitors' Double Gloving Combinations.. Mölnlycke Health Care, 2020. Data on file. 3. BSI CE certificate 687999. 2021. 4. BSI UKCA certificate 747727. 2021. 5. Liquid Particle Count test report AR-21-SV-011880-01 to AR-21-SV-011885-01 Eurofins, 2021. 6. Liquid particle count test. Eurofins, 2021. 7. Summary of Technical Documents. Mölnlycke Health Care. Data on File. 8. Collins J. A Clinical Evaluation of Polyisoprene Biogel Orthopaedic Surgical Gloves. Mölnlycke Health Care, 2011. Data on file. 9. Collins J. An Open label Evaluation of the Biogel PI ProFit Surgical Glove. Mölnlycke Health Care, 2012. Data on file. 10. Carter S, Choong S, Marino A, Sellu D. Can surgical gloves be made thinner without increasing their liability to puncture? Ann R Coll Surg Engl. 1996 May;78(3 (Pt 1)):186-7. Mölnlycke Health Care. 2012. 11. Austin, Hedley William et al, Method of coating rubber or polymer articles, European Patent: 0113526, 19 March 1986. 12. Fry D E et al. Influence of double-gloving on manual dexterity and tactile sensation of surgeons. J Am Coll Surg. 2010; 210(3):325-30. 13. SOP LR2200. Automatic Glove Inspection by QMAX. Mölnlycke Health Care. Data on file. 14. Aldlyami, Ehab; Kulkarni, Ashwin; et al. Latex-free gloves Safer for Whom?; The Journal of Arthroplasty; 2010; Vol. 25 No. 1 pp. 27-30. 15. Collins J. A Clinical Investigation to Evaluate the Biogel PI Micro Surgical Glove. Mölnlycke Health Care, 2014. Data on file. 16. Gottrup F, Müller K, Bergmark S, Nørregaard S. Powder-free, non sterile gloves assessed in a wound healing centre. Eur J Surg. 2001 Aug;167(8):625-7.

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