



**HIGH PERFORMANCE  
MATERIAL.**

**Isolex Polyisoprene**  
LIQUID Synthetic Latex Emulsion

# WHAT IS ISOLEX?

Isolex is Medline's proprietary formulation of polyisoprene, a raw material used to manufacture latex free surgical gloves. As the industry transitions away from latex, clinicians have the need for a glove that has the soft, comfortable fit and feel of latex without the danger of type I allergic reactions to latex.

Isolex is the ideal solution to bridge the gap between safety and performance in a surgical glove.

## Safety

Isolex Polyisoprene is a synthetic alternative to natural rubber latex

- Reduces risk of developing Type 1 latex allergies
- Water based emulsion of cis-polyisoprene
- Eliminates harmful impurities associated with latex

## Performance

Molecular structure virtually identical to NRL

- Soft, comfortable fit and feel
- Ideal for when exceptional tactile sensitivity is required
- Improved batch to batch consistency when compared to latex

## Supply Chain Control

### Medline is with you, every step of the way

From the time the vats of raw materials are received to the time a surgeon dons a surgical glove in the OR, Medline is taking care to ensure quality and support. Unlike anyone else in the industry Medline is making sure surgical glove performance is the focus of **raw material manufacturing**. Other companies don't have the ability to start this process until the actual glove manufacturing starts which takes place at a different site, with different employees, with different goals.

This vested interest that the raw material plant has in the finished product of a surgical glove is unparalleled and gives the ability to provide outstanding technical support, customer service and high performing solutions based on clinical feedback from the market.

## Automation

### Minimising the Risk-Over 700 process parameters are analysed

- 24/7 monitoring of proprietary control system logic insures that process parameters stay within ideal ranges.
- Production reports containing pertinent information (throughput, process stream variance, etc.) are automatically compiled and emailed, allowing for identification of process trends.

## Quality

### A proprietary formulation with end user performance in mind

- Made with only the safest ingredients to reduce allergies. Isolex gloves are **DPG free!** DPG is a chemical needed in many polyisoprene gloves. According to recent study DPG is a growing cause of allergic concern as more users switch from latex to latex free gloves<sup>1,2</sup>
- Ideal for use with a wide variety of chemicals and bone cement. \*Testing available on request.
- Every lot produced undergoes rigorous QA testing where properties such as tensile strength, modulus, elongation, tear, viscosity, surfactant loading and mechanical stability are analysed to demonstrate suitability of the material prior to release.

### A history of innovation, experience and excellence

- Meet Frank, one of the creators of polyisoprene who has been working to create Isolex for over 25 years. Isolex was the first polyisoprene on the market and it couldn't have happened without Frank. Frank is still working today with a team of experts to ensure the highest quality polyisoprene in the world and making sure Medline will also be at the forefront of the next breakthrough in surgical glove raw material.



## Ordering Information

Medline offers a full range of gloves made from the Isolex material:

Item Numbers				Size	Packaging
SensiCare® PI	SensiCare® PI Green	SensiCare® PI Ortho	SensiCare® PI Micro		
MSG9055	MSG9255	MSG9455	MSG9655	5.5	200 pr/cs, 50 pr/bx
MSG9060	MSG9260	MSG9460	MSG9660	6	200 pr/cs, 50 pr/bx
MSG9065	MSG9265	MSG9465	MSG9665	6.5	200 pr/cs, 50 pr/bx
MSG9070	MSG9270	MSG9470	MSG9670	7	200 pr/cs, 50 pr/bx
MSG9075	MSG9275	MSG9475	MSG9675	7.5	200 pr/cs, 50 pr/bx
MSG9080	MSG9280	MSG9480	MSG9680	8.0	200 pr/cs, 50 pr/bx
MSG9090	MSG9290	MSG9490	MSG9690	9.0	200 pr/cs, 50 pr/bx



## Company Profile

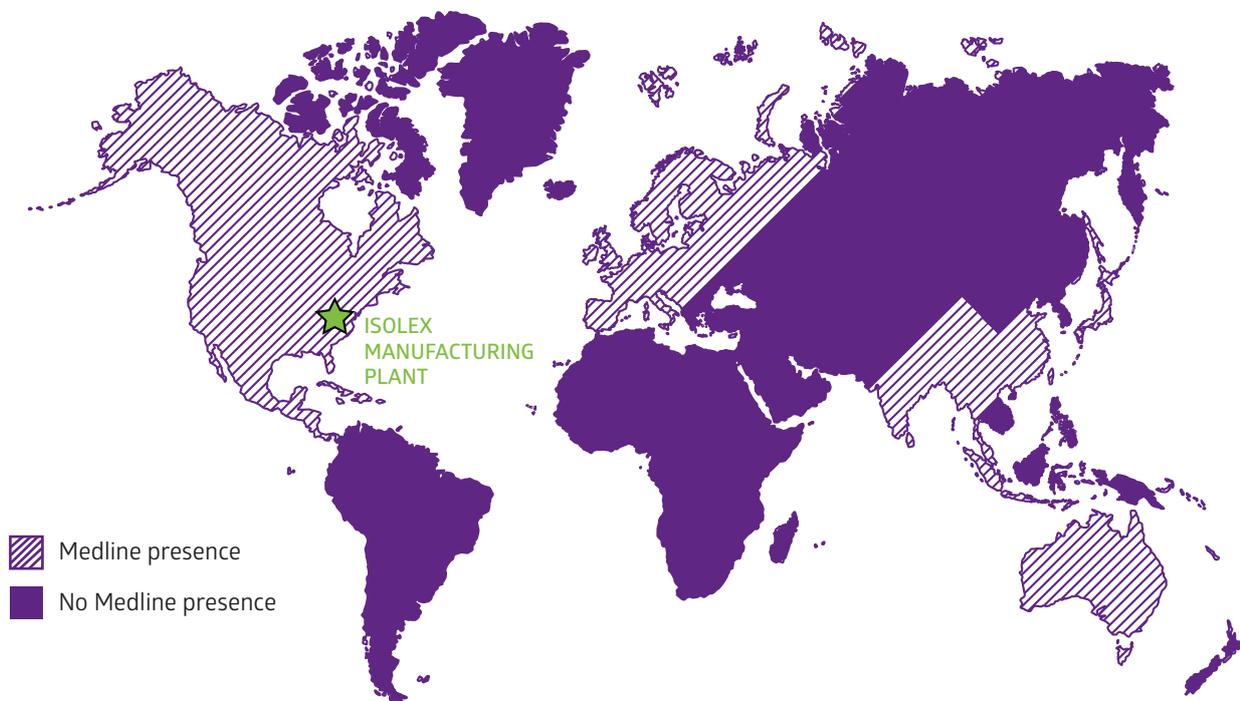
Isolex Polyisoprene is manufactured by Medline, America's largest privately held national manufacturer and distributor of health care supplies and services. We manufacture and distribute over 350,000 medical and surgical products to healthcare institutions and retail markets.

**Market dominance.** Medline holds top-tier market share in more than a dozen major medical product categories—many of those in the number one position.

**Innovation.** With a culture of continuous improvement and differentiation, we own and license hundreds of proprietary products, patents and trademarks.

**Customer focus.** We make the products our customers want, with the quality they demand and the value they need.

**Supply and Distribution.** We manufacture and distribute over 125,000 medical and surgical products with more than 33 distribution centres globally.



1. Allergic Contact Dermatitis to Synthetic Rubber Gloves Changing Trends in Patch Test Reactions to Accelerators Lauren Y. Cao, BS; James S. Taylor, MD; Apra Soad, MD; Debra Murray, LPN; Paul D. Siegel, PhD
2. Occupational allergic contact dermatitis caused by sterile non-latex protective gloves: clinical investigation and chemical analyses Ann Pontén<sup>1</sup>, Nils Hamnerius<sup>1</sup>, Magnus Bruze<sup>1</sup>, Christer Hansson<sup>2</sup>, Christina Persson<sup>2</sup>, Cecilia Svedman<sup>1</sup>, Kirsten Thörnemy Andersson<sup>3</sup> and Ola Bergendorff<sup>2</sup> <sup>1</sup>Department of Occupational and Environmental Dermatology, Lund University, Skåne University Hospital, SE-205 02 Malmö, Sweden, <sup>2</sup>Department of Dermatology, Skåne University Hospital, SE-221 85 Lund, Sweden, and <sup>3</sup>Department of Dermatology, Central Hospital, SE-291 85 Kristianstad, Sweden

For more information on our products, please contact your Medline sales representative or visit our site [www.medline.com/uk](http://www.medline.com/uk).



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