



## **GAMMEX NON-LATEX SURGICAL GLOVES**

**GAMMEX, THE MOST  
INNOVATIVE AND  
TECHNOLOGICALLY  
ADVANCED LINE OF  
SURGICAL GLOVES.**



## Adverse Skin Reactions Associated with Glove Use

Adverse reactions to NRL (natural rubber latex) gloves can range from mild irritation to a serious allergic response. The four major types of adverse skin reactions associated with NRL glove use are immediate hypersensitivity (Type I or latex allergy), delayed hypersensitivity (Type IV or contact dermatitis), irritant contact dermatitis, and glove powder irritation.

### Immediate Type I Response: Latex Allergy

A Type I response is a reaction to residual proteins found in latex. While there are more than 250 different types of latex proteins, approximately 20% are allergenic.

The reaction is immediate, typically occurring 5–30 minutes after initial contact. The symptoms commonly include:

- swelling and redness, local to the site of exposure
- nonspecific symptoms such as itching and burning

The symptoms can spread to areas remote from the site of contact with the glove and be accompanied by the following:

- conjunctivitis
- rhinitis
- bronchial obstruction
- anaphylaxis

### Delayed Type IV Response: Allergic Contact Dermatitis

A Type IV allergy is a reaction to specific allergens, such as chemical residues from the glove manufacturing process (commonly chemical accelerators). The response is delayed rather than immediate, usually occurring 6–48 hours after initial contact, although symptoms can last for up to four days.

The symptoms include:

- erythema
- itching
- weeping
- swelling
- cracking
- dryness of the skin at the site, although dermatitis may extend beyond the area of contact

## The Role of Chemical Accelerators in Glove Production

The use of chemicals in the manufacture of NRL gloves transforms latex from its original liquid state to a very thin, strong elastic film. Accelerators are used in the manufacturing process to increase the binding speed between sulfur and the glove material. Sulfur is used to assist bonding of the glove material to form a product with superior stretch and recoil. Sulfur also adds strength to the glove, lending integrity to the latex for long-term storage.

Four main classes of chemical compounds are typically used as accelerators: thiurams, dithiocarbamates, mercaptobenzothiazoles (MBTs), and diphenylguanidine (DPG). Some residual accelerators can be a source of skin irritation.

## Managing Allergies in Healthcare

The key to managing latex allergies and adverse glove reactions in HCPs and patients lies in correct recognition and appropriate action. Establishing a latex-safe environment, including the use of gloves not made from natural rubber latex or powder-free policies and procedures, is an important preventative measure to reduce the risk of adverse glove reactions. This can be done by forming a multidisciplinary committee responsible for developing uniform policies and procedures to protect both patients and healthcare professionals. The committee should be responsible for developing and maintaining the following:

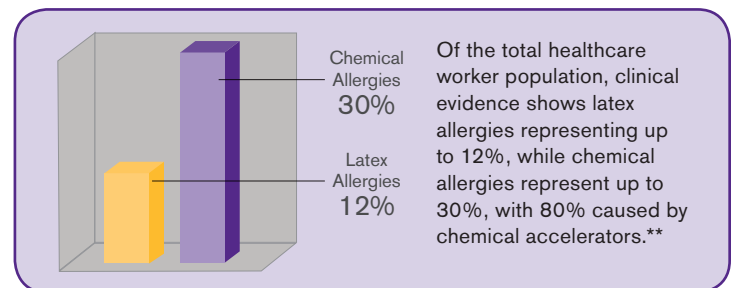
- a latex-safe standard operating procedure manual
- a latex-safe allergy cart or means for staff to access non-latex items
- a proactive occupational health program
- correct latex product identification
- a policy of removal of latex items from patient care area

Because of allergy concerns, a growing number of healthcare facilities have eliminated or limited latex products, including gloves. The alternative materials for latex surgical gloves include neoprene (polychloroprene) and polyisoprene.

## Are You Protected From Both of These Types of Allergies?

Allergy management programs concentrate on the understanding and treatment of latex protein allergy. However, chemical allergy, also referred to as allergic contact dermatitis, remains an even more pertinent cause of disability and loss of work.

A chemical allergy is an expansive allergic condition which represents approximately 30% of occupationally induced skin diseases – and it is the second largest occupational disability reported to OSHA.\*



\* US Department of Health and Human Services – Public Health Services. Progress Review. Occupational Safety and Health. Feb 18, 2004.

\*\* NIOSH ALERT: Preventing Allergic Reactions to Natural Rubber Latex in the Workplace. Publication No. 97-135. CDC. June 1997.

## Reducing the Risks

### Glove Users Can Help Reduce the Risk of Allergic Contact Dermatitis/Chemical Allergy By:

- Minimizing/eliminating contact with the causative agent
- Selecting gloves that are manufactured without the causative agent
- Instituting a regular skin care regimen to keep hands healthy, as healthy skin is the first line of defense against exposure

## GAMMEX Non-Latex Sensitive

### Not Made From Natural Rubber Latex and Chemical Accelerator-Free

**GAMMEX Non-Latex Sensitive** surgical glove is a major innovation in non-latex, chemical accelerator-free glove formulation. **SENSOPRENE®** allows for superior sensitivity while maintaining glove strength.

### Unparalleled Safety

- Chemical accelerator-free formulation eliminates agents (thiurams, MBTs, carbamates and diphenylguanidine) known to cause Type IV allergies
- Safe for healthcare professionals (HCPs) and patients with latex (Type I) allergies
- FDA-approved for handling chemotherapy drugs\*
- Features **SureFit Technology™** to prevent cuff roll-down for superior protection

### Excellent Comfort and Performance

- Produced on ergonomically-designed formers to reduce hand fatigue and stress
- Micro-thickness allows for comfortable double-gloving
- **SENSOPRENE** formulation allows for superior sensitivity while maintaining glove strength



HELPS  
PREVENT  
TYPE I & IV  
ALLERGIES

## GAMMEX Non-Latex

### Not Made From Natural Rubber Latex and Chemical Accelerator-Free

**GAMMEX Non-Latex** powder-free surgical glove is made of a unique non-latex neoprene formulation that does not include chemical accelerators, providing protection from both latex (Type I) and chemical accelerator (Type IV) allergies. **GAMMEX Non-Latex** glove is dark green for instant identification as a latex-free glove.

### Unparalleled Safety

- Chemical accelerator-free formulation eliminates agents (thiurams, MBTs, carbamates, and diphenylguanidine) known to cause Type IV allergies
- Safe for HCPs and patients with latex (Type I) allergies
- FDA-approved for handling chemotherapy drugs\*
- Features **SureFit Technology** to prevent cuff roll-down for superior protection

### Excellent Comfort and Performance

- Produced on ergonomically-designed formers to reduce hand fatigue and stress



HELPS  
PREVENT  
TYPE I & IV  
ALLERGIES

## GAMMEX Non-Latex PI

### Not Made From Natural Rubber Latex

**GAMMEX Non-Latex PI** surgical glove is powder-free and made from a synthetic polyisoprene material. This exciting surgical glove delivers all the performance characteristics of natural rubber latex, without the risk of latex sensitization. **GAMMEX Non-Latex PI** is light green in color for instant identification as not made from natural rubber latex, reducing the risk of Type I allergy to both HCPs and patients.

### Excellent Fit, Feel and Comfort

- Produced on ergonomically-designed formers to enhance fit and comfort
- Thickness offers enhanced tactile sensitivity in the fingertips and latex-like comfort
- Smooth finish allows for worry-free instrument and suture handling

### Unparalleled Safety

- Unique glove color for instant identification as not made from natural rubber latex
- FDA-approved for handling chemotherapy drugs\*
- Features **SureFit Technology** to prevent cuff roll-down for superior protection



HELPS  
PREVENT  
TYPE I LATEX  
ALLERGY



## GAMMEX Non-Latex PI White

### Exceptional Protection Without the Sensitivity of Latex

**GAMMEX Non-Latex PI White** surgical glove is powder-free and made from synthetic polyisoprene. The glove delivers all the performance characteristics of natural rubber latex without the risk of natural rubber latex sensitization. These gloves feature a special surface treatment to provide extra grip.

### Beyond FDA-Required Infection Control and Skin Protection

- Features **SureFit Technology** to prevent cuff roll-down for superior protection
- Safe for HCPs and patients with latex (Type I) allergies

### Easy Donning and Advanced Fit

- Able to be easily donned in dry and damp hand situations
- Resistant to alcohol-based hand disinfectants
- Reduces hand fatigue and eliminates bagginess due to ergonomically-designed fit
- Provides all the characteristics of natural latex rubber, such as tactile sensitivity



HELPS  
PREVENT  
TYPE I LATEX  
ALLERGY

## GAMMEX Non-Latex PI Textured White

### Exceptional Protection Without the Sensitivity of Latex

**GAMMEX Non-Latex PI Textured White** surgical glove is made from synthetic polyisoprene. The glove delivers all the performance characteristics of natural rubber latex without the risk of natural rubber latex sensitization. These gloves feature a textured finish for superior grip and handling without sacrificing tactile sensitivity and feel.

### Exceptional Performance and Comfort

- A textured finish means exceptional reliability when using instruments that require greater gripping capability. Designed to provide a greater degree of grip.
- Produced on ergonomically-designed formers to enhance fit and comfort and to reduce hand fatigue and stress
- Provides all the characteristics of natural latex rubber, such as tactile sensitivity

### Advanced Safety and Protection

- Made of 100% synthetic polyisoprene which is safe for latex sensitive (Type I) HCPs and patients
- Features **SureFit Technology** to prevent cuff roll-down for superior protection



HELPS  
PREVENT  
TYPE I LATEX  
ALLERGY

## GAMMEX Non-Latex PI Moisturizing

### Innovation to Reduce Skin Irritation and Improve Skin Condition

**GAMMEX Non-Latex PI Moisturizing** synthetic polyisoprene, powder-free surgical glove is designed as a micro-thin moisturizing glove that minimizes the risk of Type I latex allergic reactions and restores and improves hands. It is ideal for delicate procedures in ophthalmic, micro, and cardiovascular surgery. **GAMMEX Non-Latex PI Moisturizing** glove can also serve as an underglove, as its micro-thickness allows for comfortable double-gloving. It offers exceptional dexterity, tactile sensitivity and at the same time, outstanding strength and barrier protection.

### Excellent Safety and Protection

- Features **SureFit Technology** to prevent cuff roll-down for superior protection
- Restores moisture and rehydrates skin with the Ansell **HydraSoft Technology**®
- Protective barrier for handling mixed bone-cement when standard preparation and use directions are followed

### Outstanding Comfort and Tactile Sensitivity

- Easy and comfortable double-gloving because of micro-thickness
- Recommended for surgical procedures requiring a high level of tactile sensitivity
- Prevents slippage with anti-slip smooth finish



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## GAMMEX Non-Latex PI Micro

### Natural Rubber Latex-Free with Exceptional Dexterity

**GAMMEX Non-Latex PI Micro** synthetic polyisoprene, powder-free surgical gloves offer exceptional dexterity, tactile sensitivity, and at the same time, outstanding strength and barrier protection. **GAMMEX Non-Latex PI Micro** is ideal for delicate procedures in ophthalmic, micro, and cardiovascular surgery without the risks associated with natural rubber latex sensitization.

### Exceptional Tactile Sensitivity and Performance

- Micro-thickness makes it ideal for surgical procedures requiring a high level of tactile sensitivity
- Produced on ergonomically-designed formers to enhance fit and comfort and to reduce hand fatigue and stress
- A more secure fit and greater comfort without bagginess

### Advanced Safety and Protection

- Made of 100% synthetic polyisoprene which is safe for latex sensitive (Type I) HCPs and patients
- Features **SureFit Technology** to prevent cuff roll-down for superior protection



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## GAMMEX Non-Latex PI Micro White

### Micro-Thin for High Tactile Sensitivity

**GAMMEX Non-Latex PI Micro White** synthetic polyisoprene, powder-free surgical gloves offer exceptional dexterity, tactical sensitivity, and at the same time, outstanding strength and barrier protection. Their micro-thickness allows for comfortable double-gloving. These gloves feature a special surface treatment to provide extra grip.

### Exceptional Infection Control and Skin Protection

- Exceeds FDA requirements for infection control
- Features **SureFit Technology** to prevent cuff roll-down for superior protection

### Superior Comfort, Fit and Tactile Sensitivity

- Resistant to alcohol-based hand disinfectants
- Able to be easily donned in dry and damp hand situations
- Allows for easy and comfortable double-gloving due to micro-thickness
- Reduces hand fatigue and stress due to ergonomically-designed fit



HELPS  
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## GAMMEX Non-Latex PI Ortho

### Ultra-Thick, Ergonomical Design for Comfort and Safety.

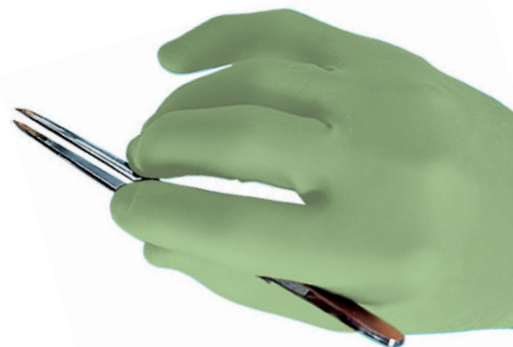
**GAMMEX Non-Latex PI Ortho** is based on the perfect combination of synthetic polyisoprene material and ergonomically-designed formers to provide enhanced fit and comfort, while minimizing the risk of latex sensitization. Ultra-thick to withstand the rigors of high-risk, trauma and reconstructive procedures. This glove is pale green in color for instant identification as a product not made from natural rubber latex, which helps to reduce confusion and risk to both HCPs and patients with sensitive skin.

### Performance

- The extra thickness of these gloves is optimized for the best balance of protection and tactile sensitivity
- Produced on ergonomically-designed formers to enhance fit and comfort and to reduce hand fatigue and stress
- A more secure fit and greater comfort without bagginess

### Unparalleled Safety

- Made of 100% synthetic polyisoprene which is safe for latex sensitive HCPs and patients
- FDA-approved for handling chemotherapy drugs\*
- Protective barrier for handling mixed bone-cement as long as the standard preparation and use directions are followed
- Features **SureFit Technology** to prevent cuff roll-down for superior protection



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## ORDERING INFORMATION

### GAMMEX Non-Latex Surgical Gloves

#### GAMMEX Non-Latex Sensitive

SIZE	CATALOG #	INTERNAL #
5 1/2	20277255	113664
6	20277260	113665
6 1/2	20277265	113666
7	20277270	113668
7 1/2	20277275	113669
8	20277280	113670
8 1/2	20277285	113671
9	20277290	113672

50 Pairs/Dispenser Box • 4 Boxes/Case

#### GAMMEX Non-Latex

SIZE	CATALOG #	INTERNAL #
5 1/2	8511	100689
6	8512	100690
6 1/2	8513	100691
7	8514	100692
7 1/2	8515	100693
8	8516	100695
8 1/2	8517	100696
9	8518	100697

50 Pairs/Dispenser Box • 4 Boxes/Case

#### GAMMEX Non-Latex PI

SIZE	CATALOG #	INTERNAL #
5 1/2	20685255	100715
6	20685260	100716
6 1/2	20685265	100717
7	20685270	100718
7 1/2	20685275	100719
8	20685280	100720
8 1/2	20685285	100721
9	20685290	100723

50 Pairs/Dispenser Box • 4 Boxes/Case

#### GAMMEX Non-Latex PI White

SIZE	CATALOG #	INTERNAL #
5 1/2	20685755	110731
6	20685760	110732
6 1/2	20685765	110733
7	20685770	110734
7 1/2	20685775	110735
8	20685780	110736
8 1/2	20685785	110737
9	20685790	110738

50 Pairs/Dispenser Box • 4 Boxes/Case

#### GAMMEX Non-Latex PI Textured White

SIZE	CATALOG #	INTERNAL #
5 1/2	20688255	119379
6	20688260	119380
6 1/2	20688265	119381
7	20688270	119382
7 1/2	20688275	119383
8	20688280	119384
8 1/2	20688285	119385
9	20688290	119386

50 Pairs/Dispenser Box • 4 Boxes/Case

#### GAMMEX Non-Latex PI Moisturizing

SIZE	CATALOG #	INTERNAL #
5 1/2	20685555	101010
6	20685560	101011
6 1/2	20685565	101012
7	20685570	101013
7 1/2	20685575	101014
8	20685580	101015
8 1/2	20685585	101018
9	20685590	101019

50 Pairs/Dispenser Box • 4 Boxes/Case

#### GAMMEX Non-Latex PI Micro

SIZE	CATALOG #	INTERNAL #
5 1/2	20687255	100732
6	20687260	100733
6 1/2	20687265	100734
7	20687270	100735
7 1/2	20687275	100736
8	20687280	100737
8 1/2	20687285	100738
9	20687290	100739

50 Pairs/Dispenser Box • 4 Boxes/Case

#### GAMMEX Non-Latex PI Micro White

SIZE	CATALOG #	INTERNAL #
5 1/2	20685955	101651
6	20685960	101652
6 1/2	20685965	101653
7	20685970	101654
7 1/2	20685975	101655
8	20685980	101656
8 1/2	20685985	101657
9	20685990	101658

50 Pairs/Dispenser Box • 4 Boxes/Case

#### GAMMEX Non-Latex PI Ortho

SIZE	CATALOG #	INTERNAL #
6	20686560	100740
6 1/2	20686565	100741
7	20686570	100742
7 1/2	20686575	100743
8	20686580	100744
8 1/2	20686585	101020
9	20686590	100745

50 Pairs/Dispenser Box • 4 Boxes/Case

For additional information and samples, call Ansell at  
1-800-952-9916 or visit us at [www.ansell.com](http://www.ansell.com)

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