

Healthcare-Associated Infection Solutions

KIMBERLY-CLARK* STERLING* Nitrile Exam Gloves

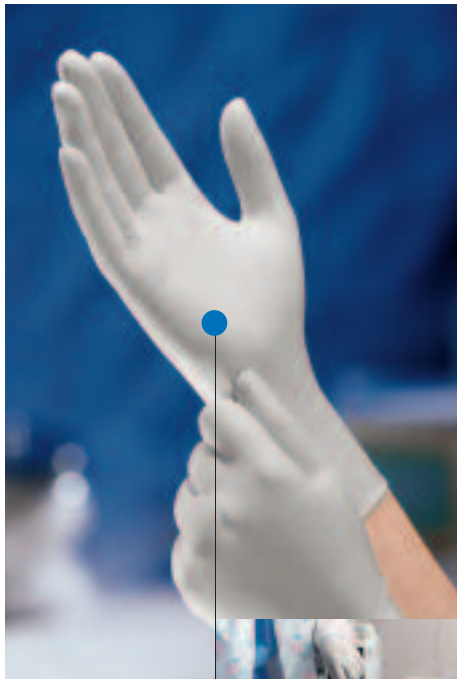
The worry-free choice . . .



**. . . designed for use by everyone,
everywhere.**

 **Kimberly-Clark**

*Trusted Clinical Solutions**



Latex-quality Performance in a Worry-free, Nitrile Glove

As a healthcare professional, you have enough problems to worry about. Latex allergy shouldn't be one of them. New, natural rubber latex-free KIMBERLY-CLARK* STERLING* Nitrile Exam Glove gives you the protection you need and the fit, sensitivity and comfort that, until now, could be found only in natural rubber latex gloves. And STERLING* Nitrile Exam Gloves are affordable enough to be your glove of choice, for virtually every use, throughout your facility.¹



During examination procedures, STERLING* Nitrile Exam Glove provides superior barrier protection against strikethrough of blood and other potentially harmful fluids, along with the fit and feel to help you do your best for every patient.



In the lab, STERLING* Nitrile Glove's excellent tactile sensitivity and protective properties make it easy to handle delicate instruments with confidence.



For custodial tasks, STERLING* Nitrile Gloves combine extended comfort with a sure grip and protection from fluids for dependable, durable performance.



There is no known cure for Type I latex allergy, a condition that can, within minutes of exposure to latex, cause symptoms such as rhinitis, conjunctivitis, urticaria, laryngeal edema, bronchospasm, asthma, angioedema, anaphylaxis, and death.²

But the risk of developing Type I latex allergy can be significantly decreased by reducing exposure to latex—especially to natural rubber latex gloves.



Healthcare-associated infections (HAIs) are a global issue occurring in up to 10% of all hospitalized patients and costing the healthcare system about \$6 billion per year.³ Building on Kimberly-Clark's leadership position in the areas of Operating Room, Infection Control, and Airway Management, our mission is to provide healthcare facilities with clinical solutions to prevent and manage the most severe HAIs, including healthcare worker infections.

Latex Allergy: The Problem with Latex Gloves

Imagine the following scenario:

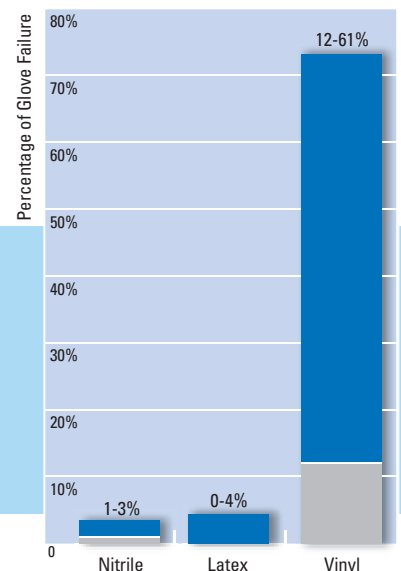
A healthcare worker arrives for her first day on the job at a new hospital and dons protective apparel, including a pair of natural rubber latex gloves. She has never had any problem from gloves before, but at her previous facility, nitrile exam gloves were used exclusively.

Today, however, within minutes of donning latex gloves, the healthcare worker develops a runny nose, watery eyes, and then difficulty breathing. A co-worker sees her condition and gets her to emergency, stat. She is diagnosed with immediate hypersensitivity to latex, a systemic Type I IgE-mediated allergic response to plant proteins in natural rubber latex which, without rapid treatment, could have caused extremely serious health consequences.

- One in fifty healthcare workers becomes sensitized to latex each year through exposure to latex gloves.⁴ It's impossible to predict when an exposed individual will become latex sensitive.⁵
- Latex-sensitive patients and healthcare workers face a serious danger from latex products. Anyone with latex sensitivity is at risk of a life-threatening allergic reaction.
- The estimated cost of treatment for Type I latex allergy is \$218,000 per employee.⁶ For an individual who can't return to work, the average total cost, paid by Workers' Compensation and the healthcare facility can be as high as \$1,163,740.⁶

Nitrile gloves, with a failure rate of 1% to 3%, were comparable to latex, with a failure rate of 0% to 4%, during manipulations designed to simulate patient care procedures.

Because of the high failure rate of vinyl gloves—12% to 61% in simulated in-use conditions—they cannot be considered as adequate protection for healthcare workers in moderate to high-risk applications.⁹



KIMBERLY-CLARK* STERLING* Nitrile Exam Gloves: The Solution to Latex Gloves

For years, healthcare workers have used natural rubber latex gloves to protect their hands from chemicals and solutions, or to provide a protective barrier between their hands and a patient. In the 1980's, the increased occupational risk of contracting diseases like HIV or hepatitis prompted the CDC to recommend exam glove use as a universal precaution. But, as the use of latex gloves rose, so too did the incidence of latex-related sensitivity and allergies. Glove manufacturers have long attempted to create a latex-free glove with the protection, comfort, and sensitivity of latex, at a comparable value. And now, Kimberly-Clark has succeeded. The result is STERLING* Nitrile, a latex-free exam glove with the two key characteristics users want:



1. The Protection of Nitrile

The new manufacturing process boosts the tensile strength of nitrile—the force required to break through the glove—to increase its already superior barrier protection qualities.

2. The Sensitivity of Latex

The new process also allows for a reduction in glove thickness, which means that less force is required to stretch the material. This provides a latex-free glove with the flexibility and sensitivity of natural rubber latex and makes STERLING* Nitrile Gloves easy to don, with a fit that is preferred by users for less hand fatigue throughout long shifts.⁹

STERLING* Nitrile Exam Gloves...a Better Value

- Although STERLING* Nitrile Gloves cost slightly more than natural rubber latex gloves, when you factor in the expenses related to latex allergy, STERLING* Nitrile Gloves are the better value.
- Standardizing on STERLING* Nitrile Exam Gloves can also provide cost savings, reducing the number of SKU's in your facility to one and reducing needed storage space by nearly a third.

A cost-effective, latex-free glove solution that offers:

- Barrier protection comparable or superior to latex and superior to vinyl
- Flexibility and tactile sensitivity comparable to latex and superior to vinyl

Depend on the new KIMBERLY-CLARK* STERLING* Nitrile Exam Glove. Choosing one glove that fits all your exam glove needs gives you one less thing to worry about.

STERLING* Nitrile Exam Gloves, another Trusted Clinical Solution* from Kimberly-Clark.

Kimberly-Clark's New STERLING* Nitrile Exam Glove Is the Solution to the Latex Glove Problem.

- Natural rubber latex-free, for worry-free use
- Excellent fit and feel compared to latex⁹
- Excellent comfort and tactile sensitivity
- Excellent durable barrier
- The one exam glove that can fit all your needs...facility-wide!¹



KIMBERLY-CLARK* STERLING* Nitrile Exam Gloves

55085	Sterling* Nitrile Exam Glove, X-Small	Eaches/Box = 150 Boxes/Case = 10
55086	Sterling* Nitrile Exam Glove, Small	Eaches/Box = 150 Boxes/Case = 10
55087	Sterling* Nitrile Exam Glove, Medium	Eaches/Box = 150 Boxes/Case = 10
55088	Sterling* Nitrile Exam Glove, Large	Eaches/Box = 150 Boxes/Case = 10
55089	Sterling* Nitrile Exam Glove, X-Large	Eaches/Box = 140 Boxes/Case = 10

STERLING* Nitrile Exam Glove Countertop Dispenser

- 2-sided, pull-by-cuff dispensing
- 250 gloves per side
- Plastic handle for easy portability

51401	Sterling* Nitrile Glove Dispenser, Small	Eaches/Dispenser = 500 Dispenser/Case = 3
51402	Sterling* Nitrile Glove Dispenser, Medium	Eaches/Dispenser = 500 Dispenser/Case = 3
51403	Sterling* Nitrile Glove Dispenser, Large	Eaches/Dispenser = 500 Dispenser/Case = 3

Provides clinical benefit of cuff dispensing for high usage tabletop areas.

For more information about KIMBERLY-CLARK* STERLING* Nitrile Exam Gloves, contact your Kimberly-Clark representative, or visit our website at www.kchealthcare.com/sterling.



Product Specifications

STERLING* Nitrile	gauge thickness (measuring single thickness)		average length
	MM	MIL	
Middle Finger	0.09	3.5	242mm or 9.5"
Palm	0.08	3.1	
Cuff	0.07	2.8	

Physical Properties (Target)

Before Aging		After Aging	
Tensile Strength	Ultimate Elongation	Tensile Strength	Ultimate Elongation
42 MPa	650%	38 MPa	550%

Note: All specifications are subject to change without notice.



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AT KIMBERLY-CLARK, OUR MISSION IS TO DELIVER CLINICAL SOLUTIONS THAT YOU CAN DEPEND ON TO MEET THE DEMANDS OF YOUR FAST-PACED WORLD. WHEN YOUR NEEDS INVOLVE PREVENTING HEALTHCARE-ASSOCIATED INFECTIONS (HAIs) FOR PATIENTS AND HEALTHCARE WORKERS, WITH KIMBERLY-CLARK YOU'LL ALWAYS HAVE ONE LESS WORRY.

- Facial Protection
- Medical Gloves
- Protective Apparel
- Sterilization Packaging
- Surgical Drapes
- Surgical Gowns
- Temperature Management
- Closed Suction Systems
- Oral Care



¹Kimberly-Clark offers a line of gloves specifically designed for use with chemotherapeutic agents.

²AORN 2004 Standards, Recommended Practices, and Guidelines. "Latex Guideline" 103, 106-108, 111-112. 2004.

³National Audit Office. Improving patient care by reducing the risk of hospital acquired infection: A progress report. (July2004);50-51.

⁴Brown RH, Schauble JF, Hamilton RG. "Prevalence of Latex Allergy Among Anesthesiologists: Identification of Sensitized but Asymptomatic Individuals." *Anesthesiology*. 89:292-299. 1998.

⁵Poley GE and Slater JE. "Latex Allergy." *Journal of Allergy and Clinical Immunology* 105 (6):1054-62. 2000.

⁶Bollinger ME, Mudd K, Keible LA, Hess BL, Bascom R, Hamilton RG. "A Hospital-Based Screening Program for Natural Rubber Latex Allergy." *Ann Allergy Asthma Immunol* 88(6): 560-7. June 2002.

⁷Steelman V. May "Is it Really Necessary to Go Powder Free?" *Infection Control Today* 2(4):29-30. 1998.

⁸Rego A, Roley L. "In-use Barrier Integrity of Gloves: Latex and Nitrile Superior to Vinyl." *American Journal of Infection Control*. 27(5):405-410. October 1999.

⁹Data on file.



Commitment to Excellence

If, for any reason, our products do not meet your expectations, please let us know your comments or suggestions for improvement. Your input will result in a concerted effort on our part to meet your requirements. Our goal is to provide quality products that completely meet your needs time after time.

For more information, please call 1-800-KCHELPS in the United States, or visit our web site at www.kchealthcare.com.

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