



## Glove Products

# Esteem<sup>®</sup> Synthetic With Neu-Thera<sup>®</sup>

## Powder-Free Stretchy Vinyl Exam Gloves

### Key Features

- Unique Neu-Thera<sup>®</sup> formula – glycerin, gluconolactone and Provitamin B5
- Gluconolactone – a second-generation alpha hydroxyl acid (AHA)
- Glycerin
- Provitamin B5

### Benefit

- Designed for and tested by healthcare professionals
- Protects, restores, moisturizes and soothes
- Used for therapy of compromised skin and known to minimize skin flakiness (restores skin smoothness)
- One of the best natural moisturizers available
- Improves and increases skin moisturization; protects by restoring skin softness and elasticity



**CardinalHealth**

## Length and Thickness

Minimum length measured from the tip of the middle finger to the cuff.

Average Length in/mm	Cuff Thickness mm/mil	Palm Thickness mm/mil	Finger Thickness mm/mil
9.5/242	0.07/2.8	0.10/3.9	0.11/4.3

## Physical Properties

Meets or exceeds ASTM D5250 for Physical Properties [Standard Specification for Poly (vinyl chloride) Gloves for Medical Application]

	ASTM Limit	Cardinal Health Actual
Tensile Strength	≥ 9 MPa	15.5 MPa
Elongation (Aged)	≥ 300%	548%

## Barrier Protection

All gloves must meet a certain Acceptable Quality Level (AQL) as established by the Food and Drug Administration (FDA). This refers to their freedom from holes and their subsequent level of barrier protection. That is, gloves with a lower actual AQL will have fewer barrier defects. Cardinal Health's internal requirements are significantly more stringent than FDA and ASTM requirements.

AQL Limit	FDA	ASTM D6319	Cardinal Health
	4.0	2.5	1.5

## Bacteriophage Penetration

Tested and passed ASTM F1671, "Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Bloodborne Pathogens Using Phi-X174 Bacteriophage as a Test System" using a statistically significant sample size (32 gloves instead of three per method).

## Common Hospital and Laboratory Chemicals

Lab Chemical Permeation (average normalized breakthrough time in minutes, 0.1 µg/cm<sup>2</sup>/min.) (ASTM F 739).

Germicidal Cleaning Solution – Organic Chlorides	>480
Glutaraldehyde, 2.4%	>480
Sodium hydroxide, 50%	>480
Sodium hypochlorite, 10% to 13%	>480

**Caution: Review Material Safety Data Sheets for the chemicals being used to determine the required level of protection.**

## Proteins and Allergens

This is a synthetic glove that contains no natural rubber latex proteins or allergens.

## Accelerator-Free

Manufactured without use of accelerators.

## Frequently Asked Questions

*When should a vinyl glove be worn?*

Vinyl synthetic examination gloves are appropriate for short-term tasks that involve minimal stress on the glove and low risk of exposure to blood and other potentially infectious materials. Consideration needs to be given to manipulation and other stresses placed on the glove material.

*What are the suggested uses for vinyl exam gloves?*

- Changing bed linens
- Briefly suctioning endotracheal secretions
- Emptying emesis basins
- Discontinuing an IV line
- Handling or preparing food

*Vinyl gloves are NOT recommended:*

- When there is moderate to high risk of exposure to blood or body fluids
- For preparing, handling or administering chemotherapeutic agents
- For handling chemicals or other caustic agents
- For individuals with a sensitivity or clinical reactivity to vinyl compounds

From: APIC's brochure "Glove Use for Healthcare Providers – Hand Covering & Barrier Protection"

## Ordering Information

Size	Cat. No.	Gloves/ Dispenser Box	Boxes/Case (Total Gloves)
X-small	S88RX01	100/bx	10/cs (1000)
Small	S88RX02	100/bx	10/cs (1000)
Medium	S88RX03	100/bx	10/cs (1000)
Large	S88RX04	100/bx	10/cs (1000)
X-large	S88RX05	90/bx	10/cs (900)

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