

# Positive Touch® XP extra protection powder-free latex exam gloves

## Gloves Products



### Cat. Nos. 8860XP-8885XP

Extra-protection powder-free non-sterile

Maximum strength and protection

Dark brown color reduces glare

Hand specific custom mold design with anti-slip smooth finish and strong beaded cuff

Thick glove with long length suitable for emergency medical situations

### Length and Thickness

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

**Average Length** (in/mm): 11.8/300

**Cuff Thickness** (mil/mm): 10.4/0.26

**Palm Thickness** (mil/mm): 11.5/0.29

**Finger Thickness** (mil/mm): 11.9/0.30

### Barrier Protection

With respect to gloves, Acceptable Quality Level (AQL) for freedom from holes refers to confidence in barrier protection. Gloves with a lower actual AQL will have fewer barrier defects. Our internal requirements are significantly more stringent than FDA or ASTM requirements.

**FDA Limit:** 4.0

**ASTM Limit:** 2.5

**Our Limit:** 1.5

### Physical Properties

Meet, even exceed, ASTM D3578 for Physical Properties (Standard Specification for Rubber Examination Gloves).

	ASTM Limit	Actual
<b>Tensile Strength</b>	≥ 2611 psi	4496 psi
<b>Tensile Stress</b>	≤ 798 psi	580 psi
<b>Elongation</b>	≥ 650%	865%

### Proteins and Allergens

These natural rubber latex gloves contain 50 micrograms or less of total water-extractable protein per gram. Total protein content is monitored by using the modified Lowry Test Method ASTM D5712.

**Caution:** Safe use of this glove by or on latex-sensitized individuals has not been established.

**Allergens:** The RAST is an assay for detecting and quantifying antigenic proteins from extracts of products that contain natural rubber latex.

**RAST Results** (µg/gm): 4

### Powder Level

Positive Touch® XP exam gloves meet the requirement for a powder-free glove per ASTM D3578.



### Bacteriophage Penetration

These gloves "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." This method assesses the effectiveness of materials used in protective clothing for protecting the wearer against contact with bloodborne pathogens using a surrogate microbe suspended in simulated body fluid under conditions of continuous contact. The outcome is either "pass" or "fail."

**We test a statistically significant sample size of 32 gloves instead of the sample size of 3 called for in the ASTM method.**

### Chemotherapy Drug Permeation

These gloves have been tested for use with chemotherapy drugs. Gloves used for protection from chemotherapy drug exposure must be selected specifically for the type of drugs being used. Gloves have been tested per ASTM F739 for resistance to the following chemotherapy drugs. The results represent average normalized breakthrough time in minutes.

**Carmustine (BCNU®)** (3.3mg/mL): 106

**cis-Diamine-dichloroplatinum (Cisplatin)** (1.0mg/mL): >480

**Cyclophosphamide (CYTOXAN®)** (20.0mg/mL): >480

**Dacarbazine (DTIC-Dome®)** (10.0mg/mL): >480

**Doxorubicin Hydrochloride (Adriamycin®)** (2.0mg/mL): >480

**Etoposide (VePesid®)** (1.0mg/mL): >480

**Ifosfamide (Ifex®)** (1.0mg/mL): >480

**Mitoxantrone (Novantrone®)** (1.0mg/mL): >480

**Vincristine (Oncovin®)** (1.0mg/mL): >480

**5-Fluorouracil (Efudex®)** (50.0mg/mL): >480

### Information for Non-Medical Uses of the Product

#### Chemical Resistance

These gloves have been tested per ASTM F739 for resistance to the following chemicals. The results represent average normalized breakthrough time in minutes.

**Acetonitrile:** 30

**Acrylamide 50%:** >480

**Enzy-Clean® Instrument Presoak:** >480 (Cat. No. 25132)

**Germicidal Cleaning Solution – Organic Chlorides:\*** >335

**Glutaraldehyde:** >480

**Instra-Clean™ Single Enzyme Cleaner:** >480 (Cat. No. 25134-001)

**Sodium Hydroxide 50%:** >480

**Sodium Hypochlorite 10%-13%:** >480

**Sulfuric Acid 98%:** 50

Users should review Material and Safety Data Sheets for the drugs being used to determine the required level of protection.

### Ordering Information

Cat. No.	Size	Qty. Bx	Qty. Cs	Cat. No.	Size	Qty. Bx	Qty. Cs
8860XP	6	25 pairs	250	8875XP	7½	25 pairs	250
8865XP	6½	25 pairs	250	8880XP	8	25 pairs	250
8870XP	7	25 pairs	250	8885XP	8½	25 pairs	250

### How should natural rubber latex gloves be stored?

Store away from high heat, humidity and direct light. Do not store near heaters, air conditioners, sterilizers, X-ray units or fluorescent light or in areas exposed to ultraviolet light or sunlight.

### Where are your latex gloves tested for proteins and allergens?

We do routine process monitoring of protein levels on all our latex gloves. Additionally, glove samples are routinely sent to a nationally recognized third-party laboratory for allergen testing.

### Are your gloves 100% inspected for defects?

Gloves manufactured by Cardinal Health are 100% visually inspected for defects. In addition, all glove lots are statistically sampled and tested for barrier integrity.

### Since these gloves are powder-free, does this make them safe for those with natural rubber latex allergies?

Powder-free natural rubber latex gloves are not safe for use by individuals who are sensitive to protein allergens in latex, nor are they indicated for use on patients who are sensitive to protein allergens in latex.

\*The carrier for this cleaner is isopropanol, which has a normalized breakthrough time of <6 minutes.

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Cardinal Health  
Gloves Products  
1500 Waukegan Road  
McGaw Park, IL 60085

[www.cardinal.com](http://www.cardinal.com)

