

DESCRIPTION/FEATURES

- Sterile powder-free natural rubber latex surgical glove
- Lubricated to ease wet donning
- Anti-slip finish for a confident, slip-resistant grip with excellent tactile sensitivity
- Manufactured in a facility certified to ISO 9001 standards
- Custom mold design — smooth finish with beaded cuff



LENGTH & THICKNESS

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

Average Length (in/mm)	Cuff Thickness (mil)	Palm Thickness (mil)	Finger Thickness (mil)
11.9/302	6.9	8.2	10.9

BARRIER PROTECTION

With respect to gloves, Acceptable Quality Level (AQL) refers to confidence in barrier protection; in other words, it infers the number of pinholes. Gloves with a lower actual AQL will have fewer barrier defects. Allegiance internal requirements are significantly more stringent than FDA and ASTM requirements.

FDA Limit	ASTM Limit	Allegiance Limit	Allegiance Actual
2.5	1.5	1.0	0.5

PHYSICAL PROPERTIES

Meets, even exceeds, ASTM D3577-98 for Physical Properties (Standard Specification for Rubber Gloves).

	ASTM Limit	Allegiance Actual
Tensile Strength	≥ 3481 psi	4333 psi
Tensile Stress	≤ 798 psi	428 psi
Ultimate Elongation	≥ 750 %	890 %

BACTERIOPHAGE PENETRATION

This glove has been tested and meets ASTM F1671-95 Standard (Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Bloodborne Pathogens Using Phi-x174 Bacteriophage Penetration as a Test System).

CHEMICAL RESISTANCE

Permeation analyzed using a modification of ASTM F1407-96 Standard (Standard Test Method for Resistance of Chemical Protective Clothing Materials to Liquid Permeation – Permeation Cup Method).

	Breakthrough time (minutes)
Methylmethacrylate	14
Glutaraldehyde	59

PROTEINS & ALLERGENS

Proteins: Total protein content is monitored by using the modified Lowry Test Method ASTM D5712-95. Not all natural rubber latex proteins are allergens. Therefore, allergen levels may be of greater clinical significance than total protein levels.

Allergens: The RAST is an assay for detecting and quantifying antigenic proteins from extracts of products that contain natural rubber latex. Most modern gloves have RAST values of less than 100AU/mL.

RAST Results (AU/mL) < 5

CHEMICALS

Chemical accelerators are required in order to give gloves desirable physical properties, such as tensile strength, elasticity, modulus, tear resistance and tactile sensitivity. Gloves with the Allegiance name contain the minimum amount of accelerators required to attain appropriate physical properties. Accelerators known as thiurams and certain antiozonants and antioxidants are believed to be a cause of contact dermatitis. Therefore, Allegiance has avoided their use.

Thiurams **Thiazoles** **Carbamates**
None Minimal Minimal

Alligiance Gloves contain
no thiurams
no amine antioxidant derivatives
no 3, 5-di-tertiary butyl 4-hydroxytoluene (BHT)
no butylhydroxyanisol (BHA)

POWDER LEVEL

Powder-free gloves are required by the FDA to have a powder level of 2 mg or less per glove. Allegiance's Ultrafree glove meets or exceeds this requirement as tested per ASTM D6124-97 (Standard Test Method for Residual Powder on Medical Gloves).

ORDERING INFORMATION

Packaging: 40 pairs per box, 5 boxes per case (total 200 pairs per case)

Catalog Number	Size	Catalog Number	Size
2D72F0I	5 ½	2D72F4I	7 ½
2D72F1I	6	2D72F5I	8
2D72F2I	6 ½	2D72F6I	8 ½
2D72F3I	7	2D72F7I	9

FREQUENTLY ASKED QUESTIONS

1. 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.

2. Where are your latex gloves tested for proteins and allergens?

Alligiance does routine process monitoring of protein levels on all our latex gloves. Additionally, glove samples are routinely sent to UCLA School of Medicine, Division of Clinical Immunology and Allergy for protein as well as allergen testing.

3. Are your gloves 100% inspected for defects?

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

4. Since Ultrafree 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.

