

# Valutek Latex Powder-Free 12" Glove



Part Number: VTGLPFB12

Valutek latex powder-free ambidextrous 12-inch glove is constructed from 100% natural rubber latex with a fully textured design and a beaded long cuff.

This glove provides a high level of dexterity, is strong, reliable, durable, and comfortable hand protection for operators. Packaged in a cleanroom.

All Valutek gloves are tested and are manufactured in ISO-compliant facilities, subject to Valutek inspection and stringent process control, ensuring compliance with Valutek quality standards and product specifications.

## Features

- 100% natural latex material provides the highest degree of dexterity
- 12"/290mm length with beaded long cuff
- Fully textured and smooth cuff design
- Powder-free, double chlorination and DI water rinse
- Moderate acid compatibility

## Application

As a member of the **Valutek Microtek product family**, this "cleanroom packaged" glove is recommended for use in a **Class 100-1,000 (ISO 5-6)** critical environment.

It is widely used in various applications, including laboratories, general industry, food processing and service, janitorial and sanitation, pharmaceutical handling, electronics assembly, and light-duty maintenance and cleanup.

## Caution!

This product contains natural rubber latex which may cause allergic reactions in some individuals.

## Packaging



- Outer bag contains inner bag with 2 stacks of 50 gloves.
- Gloves packaged cuffs on bottom, vacuum sealed, flat packed and with a carton liner.
- 100 ea/bag, 10 bags/case, 1000 ea/case.
- Critical environment compatible.
- All gloves are **lot trace-able** with retention samples held in **Quality Control for 36 months** from the date of manufacturing.



Gloves



Wipers



Apparel



Adhesive Mats



Cleaning & Maintenance



Documentation



Glove Liners



ESD



## Valutek Latex Powder-Free Cleanroom 12" Glove

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## VTGLPFB12 Physical Properties

Part Number	Size	Palm Width (mm)	Weight (gm)	Length (inch/mm)	Test Method
VTGLPFB12-SM	SM	85 ± 5	6.5 ± 0.2		
VTGLPFB12-MD	MD	95 ± 5	7.0 ± 0.2	12"/290 mm	IENT-RP-CC005.4
VTGLPFB12-LG	LG	105 ± 5	7.5 ± 0.2		ASTM D3767
VTGLPFB12-XL	XL	115 ± 5	8.0 ± 0.2		
VTGLPFB12-2X	2X	125 ± 5	8.5 ± 0.2		

Tensile Properties	Tensile Strength	Ultimate Elongation	Test Method	Measured Points	Thickness	Test Method
Before Aging	21 MPa, min	700%, min	ASTM D412	Fingertip	5.91 mil 0.15 mm, min	ASTM D3767
After Aging	16 MPa, min	500%, min		Palm	5.12mil 0.13mm, min	
				Cuff	3.94 mil 0.10 mm, min	

\*Barrier Integrity: AQL 1.5

## VTGLPFB12 Technical Performance

Attribute	Value	Units	Test Method
Particle Counts			
LPC: ≥0.5 μm	<2,400	particles/cm <sup>2</sup>	IENT-RP-CC005.4, Sec 16.4
Non Volatile Residue (NVR)			
DI Water	<2.0	μg/cm <sup>2</sup>	IENT-RP-CC005.4, Sec 17.2
IPA	<5.0	μg/cm <sup>2</sup>	IENT-RP-CC005.4, Sec 17.2
FTIR			
Silicone Oil, Amide, DOP	Not Detectable		IENT-RP-CC005.4, Sec 17.4

Extractable Counts (Ions)					
Sodium(Na)	<0.02	μg/cm <sup>2</sup>	Fluoride(F <sup>-</sup> )	<0.001	μg/cm <sup>2</sup>
Potassium(K)	<0.02	μg/cm <sup>2</sup>	Bromide(Br <sup>-</sup> )	<0.001	μg/cm <sup>2</sup>
Calcium(Ca)	<0.50	μg/cm <sup>2</sup>	Phosphate(PO <sub>4</sub> <sup>3-</sup> )	<0.002	μg/cm <sup>2</sup>
Magnesium(Mg)	<0.005	μg/cm <sup>2</sup>	Chloride(Cl <sup>-</sup> )	<1.0	μg/cm <sup>2</sup>
Ammonium(NH <sub>4</sub> <sup>+</sup> )	<0.005	μg/cm <sup>2</sup>	Sulfate(SO <sub>4</sub> <sup>2-</sup> )	<0.20	μg/cm <sup>2</sup>
Nitrate(NO <sub>3</sub> <sup>-</sup> )	<0.50	μg/cm <sup>2</sup>	Nitrite(NO <sub>2</sub> <sup>-</sup> )	<0.001	μg/cm <sup>2</sup>
Lithium(Li)	<0.005	μg/cm <sup>2</sup>	Aluminium(Al)	<0.01	μg/cm <sup>2</sup>
Zinc(Zn)	<0.10	μg/cm <sup>2</sup>	Iron(Fe)	<0.005	μg/cm <sup>2</sup>
Copper(Cu)	<0.0004	μg/cm <sup>2</sup>			

\*Note: Technical data listed reflects upper/lower limits. Certificates of Analysis available upon request for actual lot-to-lot test data.

