Valutek Latex Powder-Free 12" Glove

MicroTek
ISO 5-6 (Class 100- 1.000)

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.

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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	IEST-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
Before Aging	21 MPa, min	700%, min	ASTM D412
After Aging	16 MPa, min	500%, min	

Measured Points	Thickness	Test Method
Fingertip	5.91 mil 0.15 mm, min	ASTM D3767
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/cm²	IEST-RP-CC005.4, Sec 16.4
Non Volatile Residue (NVR)			
DI Water	<2.0	µg/cm²	IEST-RP-CC005.4, Sec 17.2
IPA	<5.0	µg/cm²	IEST-RP-CC005.4, Sec 17.2
FTIR			
Silicone Oil, Amide, DOP	Not Detectable		IEST-RP-CC005.4, Sec 17.4

Extractable Counts (Ions)						
Sodium(Na)	<0.02	µg/cm²	Fluoride(F^-)	<0.001	µg/cm²	IEST-RP-CC005.4, Sec 17
Potassium(K)	<0.02	µg/cm²	Bromide(Br^-)	<0.001	µg/cm²	
Calcium(Ca)	<0.50	µg/cm²	Phosphate(PO_4^{3-})	<0.002	µg/cm²	
Magnesium(Mg)	<0.005	µg/cm²	Chloride(Cl^-)	<1.0	µg/cm²	
Ammonium(NH_4^+)	<0.005	µg/cm²	Sulfate(SO_4^{2-})	<0.20	µg/cm²	
Nitrate(NO_3-)	<0.50	µg/cm²	Nitrite(NO_2^-)	<0.001	µg/cm²	
Lithium(Li)	<0.005	µg/cm²	Aluminium(Al)	<0.01	µg/cm²	
Zinc(Zn)	<0.10	µg/cm²	Iron(Fe)	<0.005	µg/cm²	
Copper(Cu)	<0.0004	µg/cm²				

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