

Valutek Latex Powder-Free Cleanroom 9" Glove

Part Number: VTGLPFB90

VTGLPFB90 Physical Properties

Part Number	Size	Palm Width (mm)	Weight (gm)	Length (inch/mm)	Test Method
VTGLPFB90-SM	SM	85 ± 5	5.5 ± 0.2		
VTGLPFB90-MD	MD	95 ± 5	6.0 ± 0.2	9"/230 mm	IEST-RP-CC005.4
VTGLPFB90-LG	LG	105 ± 5	6.5 ± 0.2		ASTM D3767
VTGLPFB90-XL	XL	115 ± 5	7.0 ± 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	5.51 mil 0.14 mm, min	ASTM D6319
After Aging	16 MPa, min	500%, min		Palm	4.72 mil 0.12 mm, min	
			Cuff	3.54 mil 0.10 mm, min		

*Barrier Integrity: AQL 1.5

VTGLPFB90 Technical Performance

Attribute	Value	Units	Test Method
Particle Counts			
LPC: ≥0.5 μm	<2,400	particles/cm ²	IEST-RP-CC005.4, Sec 16.4
Non Volatile Residue (NVR)			
DI Water	<2.0	μg/cm ²	IEST-RP-CC005.4, Sec 17.2
IPA	<5.0	μg/cm ²	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/cm ²	Fluoride(F ⁻)	<0.001	μg/cm ²
Potassium(K)	<0.02	μg/cm ²	Bromide(Br ⁻)	<0.001	μg/cm ²
Calcium(Ca)	<0.50	μg/cm ²	Phosphate(PO ₄ ³⁻)	<0.002	μg/cm ²
Magnesium(Mg)	<0.005	μg/cm ²	Chloride(Cl ⁻)	<1.0	μg/cm ²
Ammonium(NH ₄ ⁺)	<0.005	μg/cm ²	Sulfate(SO ₄ ²⁻)	<0.20	μg/cm ²
Nitrate(NO ₃ ⁻)	<0.50	μg/cm ²	Nitrite(NO ₂ ⁻)	<0.001	μg/cm ²
Lithium(Li)	<0.005	μg/cm ²	Aluminium(Al)	<0.01	μg/cm ²
Zinc(Zn)	<0.10	μg/cm ²	Iron(Fe)	<0.005	μg/cm ²
Copper(Cu)	<0.0004	μg/cm ²			

***Note:** Technical data listed reflects upper/lower manufacturing specification limits. Certificates of Analysis available upon request for actual lot-to-lot test data. 36 month lot trend analysis available upon request



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