# Multi-Task 'Arizona Blue' Nitrile Glove - Long Cuff





Valutek nitrile powder-free ambidextrous 12" glove is constructed from 100% clean synthetic nitrile polymer and contains no rubber latex, fillers or silicones.

This glove comes with beaded cuff and a textured fingertip design. Our specially formulated, high modulus nitrile provides unmatched operator comfort and dexterity. Packed 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.

Part Number: VTGNMTPFB12AB

#### **Features**

- 100% clean and synthetic nitrile polymer (Acrylonitrile Butadiene)
- 12"/290 mm length with beaded long cuff
- **Textured fingertips**
- Powder-free, double chlorination and filtered water wash
- ESD compliant

### **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, per IEST RPCC005 Appendix.

It is also recommended for non-sterile Life Science applications (Medical device and Pharmaceutical), as well as general-purpose, less-critical applications. Additionally, it is suitable as a donning glove.

## **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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#### **VTGNMTPFB12AB Physical Properties**

Part Number	Size	Palm Width (mm)	Weight (gm)	Length (inch/mm)	Test Method
VTGNMTPFB12AB-XS	XS	70±3	5.0 ± 0.3		
VTGNMTPFB12AB-SM	SM	83 ± 3	$5.5 \pm 0.3$		
VTGNMTPFB12AB-MD	MD	95±3	$6.0 \pm 0.3$	12"/290	IEST-RP-CC005.4
VTGNMTPFB12AB-LG	LG	106 ± 3	$6.5 \pm 0.3$		ASTM D3767
VTGNMTPFB12AB-XL	XL	116 ±3	7.0 ± 0.3		
VTGNMTPFB12AB-2X	2X	125 ±3	7.5 ± 0.3		

Tensile Properties	Tensile Strength	Ultimate Elongation	Test Method	Measured Po	ints Thi	ckness	Test Method
Before Aging	14 MPa, min	500%, min		Fingertip	5.11 mil	0.13 mm, min	
After Aging	14 MPa, min	400%, min	ASTM D412	Palm	3.54 mil	0.09 mm, min	ASTM D3767
	,			Cuff	2.36 mil	0.06 mm, min	

<sup>\*</sup>Barrier Integrity: AQL 1.5

#### **VTGNMTPFB12AB Technical Performance**

Attribute	Value	Units	Test Method
Particle Counts			
LPC: ≥0.5 μm	<5,000	particles/cm <sup>2</sup>	IEST-RP-CC005.4, Sec 16.
Non Volatile Residue (NVR)			
DI Water	<20	μg/cm²	IEST-RP-CC005.4, Sec 17.2
IPA	<20	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 (lons)			
Sodium(Na)	<0.1 µg/cm²	Fluoride(F-) <0.01 µg/c	m²
Potassium(K)	<0.1 µg/cm²	Bromide(Br <sup>-</sup> ) <0.01 µg/c	$m^2$
Calcium(Ca)	<0.5 µg/cm²	Phosphate( $PO4^{3-}$ ) <0.01 µg/c	
Magnesium(Mg)	<0.1 µg/cm²	Chloride(Cl <sup>-</sup> ) <0.1 µg/c	
Ammonium(NH4 <sup>+</sup> )	<0.05 µg/cm²	Sulfate(SO $_4$ <sup>2-</sup> ) <0.2 µg/c	
Nitrate(NO3-)	<0.5 µg/cm²	Nitrite(NO <sub>2</sub> <sup>-</sup> ) <0.01 µg/c	m²
Lithium(Li)	<0.05 µg/cm²	Aluminium(Al) <0.1 µg/c	m²
Zinc(Zn)	<0.05 μg/cm²	Iron(Fe) <0.05 µg/c	
Copper(Cu)	<0.005 μg/cm²		
ESD Properties			
Electrostatic Decay	< 5 seconds	Tribo Charge < 50 V	,
Surface resistivity	≤ 10E11 Ω		ANSI/ESD SP15.1

<sup>\*</sup>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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