

# TOP GLOVE

TOP QUALITY, TOP EFFICIENCY



## NITRILE EXAMINATION GLOVE

<b>Type</b>	› Powdered & Powder-Free, Non-sterile
<b>Material</b>	› 100% Synthetic Nitrile Latex
<b>Colour</b>	› <b>Powdered:</b> Blue, White › <b>Powder-Free:</b> Blue, White, Black, Orange, Green, Pink, Red, Yellow, Light Purple, Cool Blue, Cornflower Blue, Grey, Magenta (Other colours available upon request)
<b>Design &amp; Features</b>	› Ambidextrous, finger or palm textured surface, beaded cuff › <b>Powdered:</b> USP grade absorbable cornstarch › <b>Powder-Free:</b> Polymer coated, online single chlorinated or offline double chlorinated
<b>Storage</b>	› The gloves shall maintain their properties when stored in a dry condition. Avoid direct sunlight
<b>Shelf-life</b>	› 5 years from the date of manufacturing

### FUNCTIONAL BENEFITS:

- ▶ Protection from unwanted and dangerous substances
- ▶ Beaded cuff ensures easy donning and prevent roll down
- ▶ Superior strength with better puncture resistance
- ▶ Finger or palm textured enhanced wet and dry grip
- ▶ Thinner gauge improves tactile sensitivity
- ▶ Custom design enhanced comfort and fit
- ▶ Provide an alternative solution for individuals who are allergic to Natural Rubber Latex



### QUALITY STANDARDS:

- ▶ Conforms to ASTM D6319 and EN 455 Standards
- ▶ Manufactured under QSR (GMP), ISO 9001:2015 and ISO 13485:2016 Quality Management System

### GLOVE SIZES:

- ▶ Extra-Small, Small, Medium, Large, Extra-Large
- ▶ Size of gloves shall be marked in the check box on the shipping carton with black ink

### INTERNATIONAL QUALITY SYSTEM CERTIFICATE AWARDED:



Dimension	Standard		
	Top Glove	ASTM D6319	EN 455
Length (mm)	Min 230, Min 240 or 300 +/- 10	Min 220 (XS, S) Min 230 (M, L, XL)	Min 240
Palm Width (mm)			
XS	76 +/- 3	70 +/- 10	≤ 80
S	84 +/- 3	80 +/- 10	80 +/- 10
M	94 +/- 3	95 +/- 10	95 +/- 10
L	105 +/- 3	110 +/- 10	110 +/- 10
XL	113 +/- 3	120 +/- 10	≥ 110
Thickness : Single Wall (mm)			
Finger	Min 0.05	Min 0.05	N/A
Palm	Min 0.05	Min 0.05	N/A

Property	ASTM D6319	EN 455
Tensile Strength (MPa)		
Before Aging	Min 14	N/A
After Aging	Min 14	N/A
Elongation at Break (%)		
Before Aging	Min 500	N/A
After Aging	Min 400	N/A
Median Force at Break (N)		
Before Aging	N/A	Min 6
After Aging	N/A	Min 6

### 1.1) BIOCOMPATIBILITY TESTED

Reference: ISO 10993-10 (Test for Skin Irritation and Skin Sensitization)

Purpose: Biological evaluation for medical devices for irritation and delayed type hypersensitivity

Property	Test Results
Primary Skin Irritation	Passes Not a primary skin irritant under condition of the study
Skin Sensitization	Passes Not a contact sensitizer under condition of the study

### 1.2) VIRAL PENETRATION TESTED

Reference: ASTM F1671 - Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Blood - Borne Pathogens Using Phi-X 174 Bacteriophage Penetration as a Test System

Purpose: To test the barrier protection of the gloves from the passages of the viruses

Viral Penetration	Test Results
	Passes

Remarks: Applicable to selected products. Please liaise with our representative for further details.

### 1.3) HEAVY METAL TESTED

**Purpose:** To ensure gloves are free from heavy metals substances

Chemical Test (s)	Test Results (mg/kg)
Cadmium (Cd)	Not Detected
Lead (Pb)	Not Detected
Mercury (Hg)	Not Detected
Arsenic (As)	Not Detected
Antimony (Sb)	Not Detected
Tin (Sn)	Not Detected

**Remarks:** Applicable to selected products. Please liaise with our representative for further details.

### 1.4) CHEMICAL RESIDUE TESTED

**Purpose:** To ensure gloves are free from any chemical substances

Chemical Test (s)	Test Results (µg/g)
Butylated Hydroxyanisole (BHA)	Not Detected
Butylated Hydroxytoluene (BHT)	Not Detected
Diphenyl Thiourea (DPT)	Not Detected
Mercaptobenzothiazole (MBT)	Not Detected
Tetramethylthiuram Disulphide (TMTD)	Not Detected
Zinc Dibutyldithiocarbamate (ZDBC)	Not Detected
Zinc Diethyldithiocarbamate (ZDEC)	Not Detected
Zinc Dimethyldithiocarbamate (ZDMC)	Not Detected
Zinc Mercaptobenzimidazole (ZMBI)	Not Detected
Zinc Mercaptobenzothiazole (ZMBT)	Not Detected
Zinc Pentamethyleneditithiocarbamate (ZPMC)	Not Detected

**Remarks:** Applicable to selected products. Please liaise with our representative for further details.