



VANGUARD™
GLOVES

NITRILE

Examination Gloves Powder-Free

- **Non-Sterile**
- **Ambidextrous**
- **Latex Free**
- **Rolled Cuffs**
- **Single Use/Disposable**
- **Chlorinated** for easy donning
- **Fingers Textured**
- **Chemo Tested**
- **Box with Frontal Opening**
- **Recommended Use:** Healthcare, food contact/industry, cleaning, lab, etc.





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SPECIFICATIONS

Material: 100% Nitrile

Powder Content: Powder-free ($\leq 2\text{mg}$ per glove)

Protein Level: Aqueous extractable protein $50\mu\text{g}/\text{dm}^2$ or less with label claim

Color: Blue, Protein free

Design & Features:

- Rolled Cuffs
- Single Use/Disposable
- Chlorinated for easy donning
- Fingers Textured
- Box with frontal opening

Recommended Use: Healthcare, food contact/industry, cleaning, lab, etc.

Expiry: 5 years shelf life

Length: 9,5" ($\geq 240\text{mm}$) for all sizes

Palm Width:

- Small : $85 \pm 5\text{mm}$
- Medium: $95 \pm 5\text{mm}$
- Large: $105 \pm 5\text{mm}$
- X-Large: 110mm

Thickness Measurements (in mm):

- Fingertip (at 13mm from the extreme tip): $0.09\text{-}0.13\text{mm}$
- Palm (at center of the palm) $\geq 0.09\text{mm}$
- Cuff: $\geq 0.05\text{mm}$

Tensile Strength:

- Before aging: $\geq 14.0\text{MPa}$
- After aging ($70^\circ\text{C} \pm 2^\circ\text{C}$ for 7 days): $\geq 14.0\text{MPa}$

Elongation @ Break:

- Before aging: $\geq 500\%$
- After aging ($70^\circ\text{C} \pm 2^\circ\text{C}$ for 7 days): $\geq 400\%$

AQL of 1.5 (watertightness)

AQL of 2.5 (freedom from holes)



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Regulatory Compliance:

- FDA 510(K)
- Health Canada MDL
- CE

Manufacturing Accreditations:

- ISO 9001:2008
- ISO 13485:2003
- MDSAP
- ISO 22000:2005

Standards:

- ASTM D6319
- EN455
- EN374
- EN420
- EN16523
- EN13130-1
- ASTM D6978-05 : Tested for Resistance to Permeation by Chemotherapy Drugs as per ASTM D6978-05

THE FOLLOWING CHEMOTHERAPY DRUGS AND CONCENTRATION HAD <u>NO</u> BREAKTHROUGH DETECTED UP TO 240 MINUTES (≥240min):	
Cisplatin 1.0 mg/mL (1,000 ppm)	Fluorouracil 50.0 mg/mL (50,000 ppm)
Cyclophosphamide (Cytoxan) 20.0 mg/mL (20,000 ppm)	Methotrexate 25.0 mg/mL (25,000 ppm)
Dacarbazine 10.0 mg/mL (10,000 ppm)	Paclitaxel 6.0 mg/mL (6,000 ppm)
Doxorubicin HCl 2.0 mg/mL (2,000 ppm)	Vincristine Sulfate 1.0 mg/mL (1,000 ppm)
Etoposide 20.0 mg/mL (20,000 ppm)	

***Caution:** The testing conditions used are intended to approximate the worst case conditions for clinical use. Testing was conducted on single layer glove material. It is the users' responsibility to determine the applicability of these gloves for their intended use with chemotherapy drugs.



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Packaging

Net Weight of Gloves: Per 1 piece

- Small: $\geq 3.3\text{g} \pm 0.2\text{g}$
- Medium: $\geq 3.5\text{g} \pm 0.2\text{g}$
- Large: $\geq 3.7\text{g} \pm 0.2\text{g}$
- X-Large: $\geq 3.9\text{g} \pm 0.2\text{g}$

Box Dimensions: 220mm x 120mm x 60mm

Quantity of Gloves per Box (all sizes): 100 gloves/box

Box Gross Weight (Based on gloves size):

- Small: $\geq 0.33\text{kg} \pm 0.02\text{kg}$
- Medium: $\geq 0.35\text{kg} \pm 0.02\text{kg}$
- Large: $\geq 0.37\text{kg} \pm 0.02\text{kg}$
- X-Large: $\geq 0.39\text{kg} \pm 0.02\text{kg}$

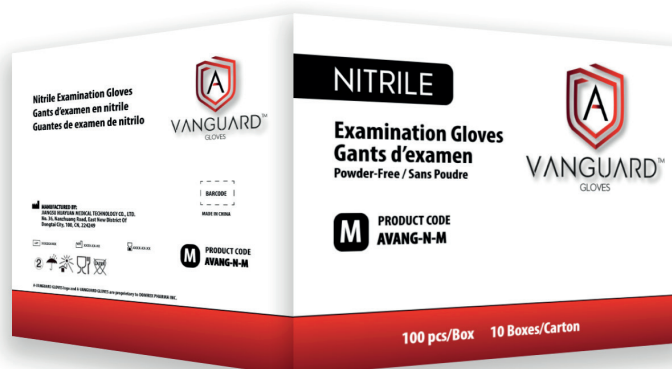
Carton Dimensions: 315mm x 248mm x 230mm

Quantity of Gloves per Carton: 1000 gloves/carton (10 boxes/carton)

Carton Gross Weight (Based on gloves size):

- Small: $\geq 4.3\text{kg} \pm 0.2\text{kg}$
- Medium: $\geq 4.5\text{kg} \pm 0.2\text{kg}$
- Large: $\geq 4.7\text{kg} \pm 0.2\text{kg}$
- X-Large: $\geq 4.9\text{kg} \pm 0.2\text{kg}$

Pallet Dimensions: Approx. 40"x48"x82" - 120 cartons/pallet



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