



# InnovatePLUS+

## Nitrile Examination Gloves

The InnovatePLUS glove is manufactured by one of the largest plants in China and distributed to North America. This world-class 3.5g series medical examination glove is suited to the healthcare industries due to the high tensile strength and elasticity, complete testing for use with Chemotherapy drugs, and meeting the ISO, ASTM, and EN standards with FDA 510(k) and CE approvals.



### Multi-Purpose



### Technical Data Sheet

<b>Material</b>	Nitrile, not made with natural rubber latex
<b>Type</b>	Powder Free, Examination Glove
<b>Specification</b>	Non-Sterile/Disposable/Ambidextrous
<b>Cuff</b>	Beaded
<b>Colour</b>	Blue
<b>Internal Surface</b>	Chlorinated
<b>External Surface</b>	Finger textured 35mm from tip
<b>Primary</b>	Acrylonitrile Butadiene
<b>Packaging</b>	100 pcs/box - 10 boxes/carton

Size	Weight	Product Code
Small	3.0g±0.3g	NG-INPL-001
Medium	3.5g±0.3g	NG-INPL-002
Large	4.0g±0.3g	NG-INPL-003
Extra-Large	4.5g±0.3g	NG-INPL-004



### Product Properties (Size Medium)

Test Method	Characteristics	Requirements	Specifications
ASTM D6319	Width (mm)	95±10	95 (3.7")
	Length (mm)	≥230	240 (9.5")
	Thickness Single (mm) Finger	≥ 0.05	0.10 (4.0mil)
	Thickness Single (mm) Palm	≥ 0.05	0.07 (2.7mil)
ASTM D515	Freedom from holes	AQL 2.5	Pass AQL 1.5
ASTM D412	Before accelerated ageing:		
	Tensile Strength (MPa)	≥ 14	25
	Ultimate elongation (%)	≥ 500	750
ASTM D573	After accelerated aging at (70±2°C 166±2 hr):		
	Tensile Strength (MPa)	≥ 14	20
	Ultimate elongation (%)	≥ 400	600
ASTM D6124	Powder Control (mg/glove)	≤2.0	0.30

### Chemotherapy Drug Permeation Resistance Tested

Chemical Tested	Avg. Time in minutes
Carmustine (BCNU), 3.3mg/ml (3,300 ppm)	15.1
Cisplatin, 1.0 mg/ml (1,000 ppm)	>240
Cyclophosphamide (Cytoxan), 20.0 mg/ml (20,000 ppm)	>240
Dacarbazine (DTIC), 10.0 mg/ml (10,000 ppm)	>240
Doxorubicin Hydrochloride, 2.0 mg/ml (2,000 ppm)	>240
Etoposide (Toposar), 20.0 mg/ml (20,000 ppm)	>240
Fluorouracil, 50.0 mg/ml (50,000 ppm)	>240
Paclitaxel (Taxol), 6.0 mg/ml (6,000 ppm)	>240
Vincristine Sulfate, 1.0 mg/ml (1,000 ppm)	>240
Mechlorethamine HCl, 1.0mg/ml (1,00 ppm)	>240
Methotrexate, 25.0mg/ml (25,000ppm)	>240
Mitomycin C, 0.5 mg/ml (500ppm)	>240
Thiotepa, 10.0 mg/ml (1,000 ppm)	15.1

### Certifications



### Product Standards

US Regulatory Standards	
FDA 510(k)	K182554
ASTM D6319	Physical Properties & Dimensions
ASTM D6978-05	Tested for use with Chemotherapy Drugs
ASTM F1671	Viral Testing
21 CFR 177.2600	Overall Migration, Food Contact
MDL 102741	Canada Health Licence

EU Regulatory Standards	
EN 455-1,2,3,4	Physical Properties & Dimensions
EN 374-1,2,4,5	Chemical & Micro-organism Permeation
EN 420:2003+A1:2009	EU PPE Glove Standards
EN 16523-1:2015	Chemical & Micro-organism Permeation
EN 1186:2002	Overall Migration, Food Contact
Module B/Module C2	EU Type Examination, CE 2777
PPE Category III (EU) 2016/425	EU Declaration of Conformity, Type B, CE 2777
MDR 2016/225, Class I	EU Medical Device Regulation, CE 0123

Quality Standards	
ISO 13485:2016	Quality Management Systems
ISO 9001:2015	Quality Management Systems
GMP	Good Manufacturing Practices
BRC Global Standard	Food Safety
BSCI	Social Compliance