

North NitriGuard Plus™

LA102G – Nitrile, Chemical Resistant Glove



GENERAL INFORMATION			
Base Material	Nitrile	Glove Length	13 in (33 cm)
Lining	Unsupported	Interior	Flock interior
Material Color	Green	Glove Thickness	11 mil nominal
Surface Finish	Sand patch on palm/fingertips	Sizes	7-11
Cuff Style	Straight	Country of Origin	China
Inner Pack Qty.	12 pair	Case Pack Qty.	12 dozen pair
Case Dims	11.3" x 16.5" x 14	Case weight	21 lbs.

PRODUCT FEATURES

- 100% nitrile content offers superior resistance to cuts, snags, abrasions and punctures
- Gloves are free of latex proteins which can cause allergic reactions
- Comply with USDA and FDA regulations, 21 CFR, for use in food processing
- Gloves will not swell, sag or weaken from fat absorption
- Out performs natural rubber, neoprene and vinyl gloves when exposed to solvents, caustics and animal fats
- Curved fingers provide a natural feel and fit
- Tensile Strength - 31 Mpa (4500 lb./in²) minimum
- 300% Modulus - 15 Mpa (2200 lb./in²) maximum
- % Elongation - 450% minimum

APPLICATIONS

Aerospace and automotive degreasing, automotive assembling and painting, chemical handling and processing food processing, print and graphic shop cleanup

ASTM F739 CHEMICAL PERMEATION				
Chemical	CAS#	Degradation	Breakthrough time	Perm. Rate
Ammonium Hydroxide (29%)	1336-21-6	F	2.2 hrs.	0.3
Carbon Tetrachloride	546-23-5	G	3.4 hrs.	30
Diocetyl Phythalate	117-87-7	E	>8 hrs.	N/D
Hydrochloric Acid (37%)	7647-01-0	E	>6 hrs.	N/D
Isopropyl Alcohol	67-63-0	E	>6 hrs.	N/D
Naptha	8052-41-3	E	>6 hrs.	N/D
Sodium Hydroxide (50%)	7664-93-9	E	>8 hrs.	N/D
Sulfuric Acid (50%)	7664-93-9	G	>6 hrs.	N/D

Degradation: E=Excellent, G=Good, F=Fair, P=Poor
 Perm Rate in ug/cm²/min. N/D = None Detected

NORTH® HAND PROTECTION – Technical Data Sheet

CERTIFICATIONS / STANDARDS

OSHA Standard - 29 CFR 1915.157 The employer shall ensure that each affected employee uses appropriate hand protection and other protective clothing where there is exposure to hazards such as skin absorption of harmful substances, severe cuts or lacerations, severe abrasions, punctures, chemical burns, thermal burns, harmful temperature extremes, and sharp objects.

21 CFR 177: Complies with USDA and FDA regulations for food contact

	TEST METHOD	LEVEL	TEST RESULT
CE Certified: EN420 EN388	EN 388		
	Abrasion	4	≥ 8,000 cycles
	Cut	0	< 1 grams of weight
	Tear	0	< 10 newtons
	Puncture	1	≥ 20 newtons



WARNINGS

*Extreme caution should be used around moving machinery.

**Cleaning gloves that have been in contact with toxic or corrosive chemicals may result in a chemical reaction, including fumes that could cause personal injury, serious illness, or death.

LAUNDERING / STORAGE

Chemical resistant gloves are not designed for laundering.

Three year shelf life from manufacture date when stored in original packaging in a cool dry place away from light. Recommended temperature range: 50°F to 86°F (10°C to 30°C).

LIMITED WARRANTY

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