

NORTH CONTROLLED ENVIRONMENT GLOVES

NITRILE

NORTH- NITRI-BOX™ GLOVE BOX GLOVES

Last Updated – (Rev 1 August 2022)



GENERAL INFORMATION		DIMENSIONS	
Base Material	Nitrile	Cuff Style	Rolled Bead
Material Color	Green	Bead Diameter:	3.2 to 6.4mm (0.125 to 0.25in)
Surface Finish	Smooth	Standard Lengths	32in (+/- 1in)
Country of Origin	China	Film Thickness 18mil	0.41 to 0.56 mm (0.016 to 0.022 in)
Case Pack	5 prs/bag, 10 prs/case		

AVAILABLE HAND SIZES	
Port Diameter, inches	Ambidextrous
8	9Q
10	10H

PRODUCT FEATURES

- Broad range of resistance against acids, bases, alcohols, esters, and other solvents.
- Mechanically robust with high abrasion, puncture, cut and snag resistance, providing for long glove service life.
- Soft, flexible feel for reduced hand fatigue.
- Compatible with alcohol cleaning practices; will not degrade or become slippery.
- Textured grip is safer for handling both wet and dry objects.
- Inherently anti-static, providing a safer working environment where electrostatic buildup is a concern.
- Complies with USDA and FDA regulations, 21 CFR, for use in food processing.

APPLICATIONS




Glove box operations in the pharmaceutical, biotechnical, semi-conductor, nuclear, defense, and manufacturing industries.

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.

Complies with

	TEST METHOD	LEVEL	TEST RESULT	
	CE Certified EN420, EN388 EN388:2016			
	Abrasion	3	≥ 2,000 cycles	
	Blade Cut	1	≥ 1,2 index	
	Tear	0	< 10 newtons	
	Puncture	2	≥ 60 newtons	
	TDM Cut	X	No Claim	
CE Certified EN374 Type A  	EN374-1:2016		Breakthrough Time	
	n-Heptane (J)	6	> 8 hrs	
	Sodium Hydroxide (40%) (K)	6	> 8 hrs	
	Sulfuric Acid (96%) (L)	4	> 2 hrs	
	Ammonium Hydroxide (25%) (O)	6	> 8 hrs	
	Hydrogen Peroxide (30%) (P)	6	> 8 hrs	
	Formaldehyde (37%) (T)	6	> 8 hrs	
	EN374-2:2014			
	Resistance to Penetration	3	(Inspection level G1, AQL ≤ 0.65)	
	Physical Properties according to ASTM D412	Tensile Strength		31 Mpa (4500 psi) min
Ultimate Elongation			450% min	
300% Tension Stress			15 Mpa (2200 psi) max	

LAUNDERING / STORAGE

Chemical resistant gloves are not designed for laundering.

Three year shelf life 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).

GLOVE BOX PART NUMBERING

8	LA	18	32	A	/9Q
Port diameter (in)	Material LA = Nitrile	Nominal thickness (mil)	Nominal length (in)	Hand specificity A = ambidextrous No letter = RH/LH pr	Size (9 ¾)

WARRANTY

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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.

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