

Nitrile elbow-length cleanroom gloves, resistant against a range of chemicals

- **Specialized protection:** BioClean™ Nerva BNAL cleanroom gloves are designed to protect wearers against a range of chemicals, boasting PPE Category III certification
- **Enhanced features:** Their 400mm/16" length enables these BioClean™ gloves to provide elbow-length protection from cross contamination, while a textured surface enhances grip and a beaded cuff ensures sturdier protection with fewer liquid roll-off risks
- **Reduced contamination risks:** These cleanroom gloves are also latex-free, preventing Type I latex allergies, while their powder-free design further minimizes cleanroom contamination risks



KEY FEATURES & BENEFITS

- **Chemical resistance certification*:** For dependable cleanroom gloves
- **Elbow-length design:** Cross contamination protection with extra coverage
- **Non-particulating EasyTear packaging:** Reduced contamination risks

*PPE Category III certified

Industries

- Controlled and Critical Environments
- Production and Manufacturing
- Lab and R&D



Nerva BNAL

Non-sterile Disposable Nitrile
Cleanroom Glove

TECHNICAL DATA SHEET

	Product Information
Material	Nitrile
Color	White
Shape	Ambidextrous
Cuff	Beaded
Manufacturing/QMS Audit Standards	ISO 14001, Manufacturing QMS Audit Standards ISO 9001, PPE Regulation 2016 425 Module D, NEBB Certified Cleanrooms
Regulatory	CE 0493, EN 421:2010, EN 455 Part 2, EN ISO 21420:2020, EN ISO 374-1:2016, EN ISO 374-5:2016, Food Contact, Category III, UKCA
Packaging	100 pieces per sealed inner PE bag; one inner PE bag per sealed outer PE bag; 10 outer bags per lined carton (1000 pieces). More sustainable packaging: These gloves are packed in recyclable plastic packaging* and delivered in recycled cardboard shipper cases. *Inner wrap, pouch, bag and liner are made from polyethylene (PE) based film. Always check your local recyclable status as these materials may not be considered suitable for recycling in your location.
Storage	Keep away from direct sunlight; store in a dry place and keep in the original packaging. Keep away from ozone sources. If products are properly stored, as indicated, they won't lose their performances or change characteristics significantly. If products could be affected by ageing or storage, the expiry date is mentioned on the packaging materials.
Country of Origin	Malaysia
Available sizes	S (6.5 - 7), M (7.5 - 8), L (8.5 - 9), XL (9.5 - 10), XXL (10.5 - 11)
Powder Content	Powder-Free
External Glove Surface	Textured Fingers and Palm
Internal Glove Surface	Chlorinated
Cleanroom Class	Class 10/ISO 4
Shelf Life	Five (5) years from date of manufacture.
Tested for use with Chemotherapy Drugs	No
Protein Level	N/A: contains no natural rubber latex
Anti-static	No



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Physical Properties						Testing Method
Sizes	S (6.5 - 7)	M (7.5 - 8)	L (8.5 - 9)	XL (9.5 - 10)	XXL (10.5 - 11)	EN ISO 21420
Typical Length (mm/in)	400 / 16					
Palm Width (mm/in)	82/3.2	94/3.7	105/4.1	115/4.5	121/4.7	
Freedom from Holes	0.65 AQL Performance Level 3					EN 374-2
Typical Particle Count ≥0.5µm (counts / cm²)	<2800					IEST-RP-CC005.4
Target Single Wall Palm Thickness (mm/mil)	0.10 / 3.94					EN 455-2
Target Single Wall Finger Thickness (mm/mil)	0.16 / 6.30					EN 455-2
Target Single Wall Cuff Thickness (mm/mil)	0.08 / 3.15					EN 455-2
Force at Break (N) During Aging	≥ 6 N					EN 455-2

IONIC CONTENT

Concentration in $\mu\text{g}/\text{cm}^2$	Typical	Concentration in $\mu\text{g}/\text{cm}^2$	Typical
Ammonium	0.020	Nitrate	0.500
Bromide	Not Tested	Nitrite	Not Tested
Calcium	0.400	Phosphate	0.060
Chloride	0.030	Potassium	0.060
Fluoride	Not Detected	Sodium	0.050
Lithium	Not Tested	Sulphate	0.100
Magnesium	Not Detected	Zinc	Not Detected

ORDERING INFORMATION

SIZE	S (6.5 - 7)	M (7.5 - 8)	L (8.5 - 9)	XL (9.5 - 10)	XXL (10.5 - 11)
REORDER NO.	BNAL-S	BNAL-M	BNAL-L	BNAL-XL	BNAL-XXL

PERFORMANCE STANDARDS AND REGULATORY COMPLIANCE



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