BioClean™

BNAS

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

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- **Specialized protection:** BioClean™ Nerva BNAS sterile 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 allergy risks:** The gloves are powder-free, latex-free and accelerator free minimizing allergy risks, notably Type I latex and Type IV chemical allergies and sensitivities

KEY FEATURES & BENEFITS

- **Chemical resistance protection*:** Enhancing user protection against accidental chemical splashes
- **Elbow-length design:** Cross contamination protection with extra coverage
- **Non-particulating EasyTear™ packaging:** Reduced contamination risks

*PPE Category III certified

Industries

- Biotechnology Manufacturing
- Controlled and Critical Environments
- Laboratory Research and Development
- Medical Device Manufacturing
- Pharmaceutical Manufacturing

Recommended For

- Chemical Splash
- Chemical Handling
- Transferring liquids and solids
- Sample taking and processing

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TECHNICAL DATA SHEET

	Product Information
Material	Nitrile
Color	White
Shape	Ambidextrous
Cuff	Beaded
Manufacturing/QMS Audit Standards	Manufacturing QMS Audit Standards ISO 9001, NEBB Certified Cleanrooms
Regulatory/Standard Compliance	Category III, CE 0493, EN 455 Part 2, EN ISO 21420:2020, EN ISO 374-1:2016 Type B (KPT), EN ISO 374-5:2016, EN 421:2010, Food Contact, UKCA
Packaging	One pair per inner PE wallet; one wallet per sealed EasyTear PE pouch; 10 pouches per sealed outer PE bag; 20 outer bags per lined carton (200 pairs) **More sustainable packaging**: These sterile 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), 2XL (10.5-11)
Powder Content	Powder-Free
External Glove Surface	Textured Fingers and Palm
Internal Glove Surface	Chlorinated
Sterilization Method	GAMMA irradiation (25 kGy)
Sterilization Minimum Dose	25kGy
Sterility Assurance Level	10⁻⁶
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)	2XL (10.5-11)	EN ISO 21420
Typical Length (mm/in)	400 / 16					
Palm Width (mm/in)	86/3.38	97/3.82	107/4.21	118/4.65	127/5	
Freedom from Holes	1.5 AQL Performance Level 2					EN 374-2
Typical Particle Count ≥0.5µm (counts / cm²)	<1200					IEST-RP-CC005.4
Target Single Wall Palm Thickness (mm/mil)	0.12 / 4.72					EN 455-2
Target Single Wall Finger Thickness (mm/mil)	0.15 / 5.90					EN 455-2
Target Single Wall Cuff Thickness (mm/mil)	0.07 / 2.76					EN 455-2
Force at Break (N) During Aging	≥ 6 N					EN 455-2

IONIC CONTENT

Concentration in µg/cm²	Typical	Concentration in µg/cm²	Typical
Ammonium	Available on File	Nitrate	<0.30
Bromide	<0.01	Nitrite	Available on File
Calcium	<0.60	Phosphate	<0.01
Chloride	<0.60	Potassium	<0.10
Fluoride	<0.01	Sodium	<0.10
Lithium	Available on File	Sulphate	<0.10
Magnesium	<0.01	Zinc	<0.10

ORDERING INFORMATION

SIZE	S (6.5 - 7)	M (7.5 - 8)	L (8.5 - 9)	XL (9.5 - 10)	2XL (10.5-11)
REORDER NO.	BNAS-6065	BNAS-7075	BNAS-8085	BNAS-9090	BNAS-1010

PERFORMANCE STANDARDS AND REGULATORY COMPLIANCE

CE 0493 EN ISO 374-2:2014 TYPE B KPT EN ISO 374-5 VIRUS EN 421 UK CA

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