BioClean™

Synergy BSAN

Non-sterile Disposable Nitrile Cleanroom Glove

Non-sterile accelerator-free nitrile gloves, for protection with fewer allergy risks

- **Reduced allergy risks:** BioClean™ Synergy BSAN powder-free gloves are made without latex or chemical accelerators, eliminating Type I latex and Type IV chemical allergies and sensitivities
- **Clean processed:** These non-sterile gloves undergo deionized washing to further reduce surface particulates, ionic extractables and non-volatile residues
- **More sustainable packaging:** In addition, these nitrile gloves' plastic packaging is recyclable* and delivered in cardboard shipper cases made from recycled content

  *Always check your local recyclable status as these materials may not be considered suitable for recycling in your location

KEY FEATURES & BENEFITS

- **Chemical resistance:** Protection from chemicals and chemotherapy drugs
- **Double-gloving properties:** Ideal for use as undergloves when needed
- **Non-particulating packaging:** Potential contaminant hazards reduced

Industries

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

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TECHNICAL DATA SHEET

	Product Information
Material	Nitrile
Color	Green
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/Standard Compliance	CE 0493, EN 421:2010, EN ISO 21420:2020, EN ISO 374-1:2016 Type B, EN ISO 374-5:2016, EN 455 Part 2, 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 non-sterile nitrile 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.
Available sizes	XS (5.5 - 6), S (6.5 - 7), M (7.5 - 8), L (8.5 - 9), XL (9.5 - 10), 2XL (10.5-11)
External Glove Surface	Textured Fingers and Palm
Internal Glove Surface	Chlorinated
Cleanroom Class	Class 10/ISO 4
Shelf Life	5 Years
Tested for use with Chemotherapy Drugs	Yes, in accordance with ASTM D6978
Protein Level	Not Applicable: contains no natural rubber latex
Anti-static	Yes

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Physical Properties							Testing Method
Sizes	XS (5.5 - 6)	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)	300 / 12						
Palm Width (mm/in)	75/3	85/3.3	95/3.7	105/4.1	115/4.5	119/4.6	
Freedom from Holes	1.5 AQL						EN 374-2
Typical Particle Count ≥0.5µm (counts / cm²)	<1200						IEST-RP-CC005.4
Target Single Wall Palm Thickness (mm/mil)	0.12						EN 455-2
Target Single Wall Finger Thickness (mm/mil)	0.17						EN 455-2
Target Single Wall Cuff Thickness (mm/mil)	0.09						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	<0.25
Bromide	<0.01	Nitrite	Available on File
Calcium	<0.65	Phosphate	<0.01
Chloride	<0.50	Potassium	<0.08
Fluoride	<0.01	Sodium	<0.05
Lithium	<0.01	Sulphate	<0.05
Magnesium	<0.01	Zinc	<0.35

ORDERING INFORMATION

SIZE	XS (5.5 - 6)	S (6.5 - 7)	M (7.5 - 8)	L (8.5 - 9)	XL (9.5 - 10)	2XL (10.5-11)
REORDER NO.	BSAN-XS	BSAN-S	BSAN-M	BSAN-L	BSAN-XL	BSAN-2XL

PERFORMANCE STANDARDS AND REGULATORY COMPLIANCE

CE 0493 EN 421 EN ISO 374-1:2016 Type B KPT EN ISO 374-5 VIRUS UK CA

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