

**Synergy BSAN** Non-sterile Disposable Nitrile Cleanroom Glove

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

- Reduced allergy risks: BioClean<sup>™</sup> 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

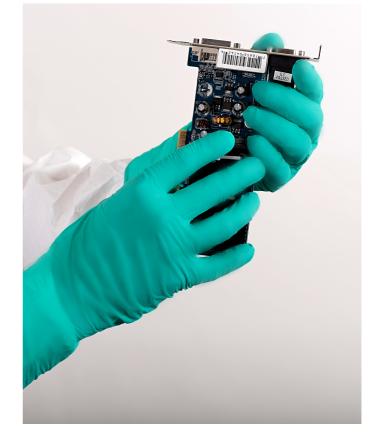
\*Always check your local recyclable status as these materials may not be considered suitable for recycling in your location

## **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**

	Description		
	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		
	100 pieces per sealed inner PE bag; one inner PE bag per sealed outer PE bag; 10 outer bags per lined carton (1000 pieces)		
Packaging	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.		
Country of Origin	Malaysia		
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)		
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	Yes		
Protein Level	N/A: contains no natural rubber latex		
Anti-static	Yes		
Vulcanization Chemical Accelerators	• None		





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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)		
Typical Length (mm/in)		300 / 12					EN ISO 21420	
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 Performance					EN 374-2	
Typical Particle Count ≥0.5µm (counts / cm²)	<1200					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)	0.14 / 5.51					EN 455-2		
Target Single Wall Cuff Thickness (mm/mil)	0.08 / 3.15					EN 455-2		
Ultimate tensile strength (MPa) During Aging	Min. 15					ASTM D412-06a		
Force at Break (N) During Aging	≥ 6 N					EN 455-2		

## **IONIC CONTENT**

Concentration in µg/cm²	Typical	Concentration in µg/cm <sup>2</sup>	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-XXL

## PERFORMANCE STANDARDS AND REGULATORY COMPLIANCE



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