



Emerald BENS

Sterile Nitrile Cleanroom Glove



Nitrile

Nitrile, accelerator and powder-free cleanroom glove offering excellent chemical protection including against cytotoxic drugs

BioClean Emerald Sterile Nitrile Cleanroom Gloves are resistant to a range of chemicals, can be easily double-donned, and are accelerator-free and latex-free to reduce the risk of latex allergies. The hand specific shape ensures wearer comfort and reduces hand fatigue, whilst enabling good dexterity.

Please contact Ansell Customer Service for specific chemotherapy drug permeation times and recommendations.

- Resistant to a range of chemicals
- Powder, sulphur & accelerator free
- Latex-free
- Textured surface with a smooth feel
- Easy double-donning



Industries

- Production and Manufacturing
- Production & Processing
- Controlled and Critical Environments
- Pharmaceutical Manufacturing
- Biotechnology Manufacturing
- Medical Device Manufacturing
- Sterile Processing Department

Recommended For

- Chemical Splash
- Sterile Processing Department
- Chemical Handling



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TECHNICAL DATA SHEET

PRODUCT INFORMATION

	Emerald BENS
Material	Nitrile
Color	Green
Shape	Hand Specific
Cuff	Beaded
Manufacturing/QMS Audit Standards	Manufacturing QMS Audit Standards ISO 9001, PPE Regulation 2016 425 Module D
Regulatory/Standards Compliance	ASTM D6978, CE 0598, EN 420:2003 + A1:2009, EN 421:2010, EN 455 Part 2, EN ISO 374-1:2016, EN ISO 374-5:2016, Food Contact, Category III
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)
Storage	Store in a dry, cool place (<40°C) away from direct sunlight and fluorescent light.
Country of Origin	Malaysia
Available sizes	6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 10
Powder Content	Powder-Free
External Glove Surface	Smooth with Micro-Textured Finish
Internal Glove Surface	Chlorinated
Sterilization Method	Gamma Irradiation
Sterilization Minimum Dose	25kGy
Sterility Assurance Level	10 ⁻⁶
Cleanroom Class	Class 10/ISO 4 & EU GMP Grade A
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	<ul style="list-style-type: none">None



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PHYSICAL PROPERTIES

	Typical Values								Testing Method
Sizes	6	6.5	7	7.5	8	8.5	9	10	EN 420
Length (mm/in)	300 / 12								
Palm Width (mm/in)	77/3.0	83/3.3	89/3.5	95/3.7	102/4.0	108/4.3	114/4.5	120/4.7	
Freedom from Holes	0.65 AQLPerformance Level 3								EN 374-2
Typical Particle Count ≥0.5µm (counts / cm²)	<1200								IEST-RP-CC005.4
Minimum Single Wall Palm Thickness (mm/mil)	0.10 / 3.94								EN 455-2
Minimum Single Wall Finger Thickness (mm/mil)	0.13 / 5.12								EN 455-2
Minimum Single Wall Cuff Thickness (mm/mil)	0.06 / 2.36								EN 455-2
	During Ageing								
Force at Break (N)	≥ 6 N								EN 455-2

IONIC CONTENT

Concentration in µg/cm ²	Typical	Concentration in µg/cm ²	Typical
Ammonium	0.024	Nitrate	0.064
Bromide	Not Detected	Nitrite	Not Detected
Calcium	0.704	Phosphate	Not Detected
Chloride	0.246	Potassium	0.018
Fluoride	Not Detected	Sodium	0.014
Lithium	Not Detected	Sulphate	0.037
Magnesium	0.013	Zinc	Not Tested

ORDERING INFORMATION

	SIZE	6	6.5	7	7.5	8	8.5	9	10
Emerald BENS	REORDER NO.	BENS-6.0	BENS-6.5	BENS-7.0	BENS-7.5	BENS-8.0	BENS-8.5	BENS-9.0	BENS-10.0

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Performance Standards and Regulatory Compliance



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