

# BIOCLEAN EMERALD™ Sterile Nitrile Gloves BENS

## About

Double-donnable, hypoallergenic BioClean Emerald™ Sterile Nitrile Cleanroom Gloves offer exceptional dexterity and wearer comfort. They are resistant to a wide range of chemicals and are latex-free. Part of the BioClean™ chemotherapy range, the Emerald is also powder and accelerator-free.

## Specifications

### COMPATIBILITY:

ISO Class 4 & EU GMP Grade A

### LENGTH:

300mm (12")

### MATERIAL:

Nitrile

### PROTEIN LEVEL:

Nitrile contains no natural latex proteins

### SURFACE:

Smooth with texture

### SHAPE:

Hand specific

### COLOUR:

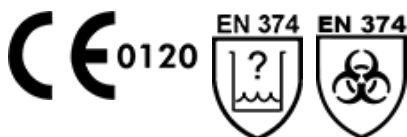
Green

### STERILIZATION:

Gamma irradiation

## Features

- Resistant to a wide range of chemicals
- Powder, sulphur & accelerator free
- Beaded cuff
- Latex-free
- Part of the BioClean-C™ Chemotherapy range
- EasyOn™ proprietary technology allows for easy double-donning
- Non-particulating EasyTear™ packaging



Ms. G. Love™ represents BioClean's range of cleanroom gloves

**HYPOALLERGENIC**

**LATEX-FREE**

**SUPER-SENSITIVE & ACCELERATOR-FREE**

**DOUBLE-DONNABLE**

**EXCELLENT CHEMICAL RESISTANCE**

## Quality Standards

- Manufactured in a facility holding ISO 9001: 2008 and 89/686/EEC Article 11b certifications
- Conforms to Category 3 - Complex Design Personal Protective Equipment PPE Directive 89/686/EEC
- Processed in an NEBB certified ISO Class 4 environment
- Complies with the requirements of European Glove Standards EN420:2003 and EN374-1, 2 & 3:2003
- Physical properties comply with European Medical Glove Standard EN455-2:2009
- Tested against permeation standard ASTM D6978-05 for cytotoxic drugs
- Sterilized in accordance with ISO 11137-1:2006

## Physical Properties

CHARACTERISTICS	VALUE	TEST METHOD
Freedom From Holes	AQL 0.65 Performance Level 3	EN 374-2:2003
Minimum Length (mm/inches)	290/11.4	EN 420:2003
Single Wall Thickness Minimum (mm)	Cuff: 0.06 Palm: 0.10 Finger Tip: 0.13	EN 455-2:2009
Force At Break During Shelf Life	≥ 6 N	EN 455-2:2009

## Sterilization

Method: Gamma irradiation  
Minimum Dose: 25kGy  
Sterility Assurance Level:  $10^{-6}$

## Shelf Life & Storage

Five (5) years from date of manufacture.  
Store in a dry, cool place (<40°C) away  
from direct sunlight and fluorescent light.

PALM WIDTHS (mm) ± 5mm								
SIZE	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0
mm	77	83	89	95	102	108	114	120
TEST METHOD					EN455-2:2009			

## Glove Cleanliness Characteristics

PARTICLES				TYPICAL PARTICLE COUNT				TEST METHOD
≥ 0.5µm(counts/cm <sup>2</sup> )				<2000				IEST-RP-CC005.3
TYPICAL EXTRACTABLE IONS								TEST METHOD
ANIONS	Fluoride	Chloride	Nitrite	Bromide	Nitrate	Phosphate	Sulphate	IEST-RP-CC005.3
(µg/cm <sup>2</sup> )	ND	0.246	ND	ND	0.064	ND	0.037	
CATIONS	Lithium	Sodium	Ammonium	Potassium	Calcium	Magnesium	Zinc	
(µg/cm <sup>2</sup> )	ND	0.014	0.024	0.018	0.704	0.013	NT	
ND = Not Detected, NT = Not Tested								



## TO ORDER

### Re-order code

### Size

BENS6.0	6.0
BENS6.5	6.5
BENS7.0	7.0
BENS7.5	7.5
BENS8.0	8.0
BENS8.5	8.5
BENS9.0	9.0
BENS10.0	10.0

### Packing

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)

## CONTACT

### Europe (Headquarters)

Nitritex Ltd.  
Minton Enterprise Park,  
Oaks Drive,  
Newmarket, Suffolk,  
CB8 7YY,  
United Kingdom  
T: +44 (0) 1638 663338  
F: +44 (0) 1638 668890  
E: [europa@bioclean.com](mailto:europa@bioclean.com)

### Other Regions

Asia: [malaysia@bioclean.com](mailto:malaysia@bioclean.com)  
Americas: [americas@bioclean.com](mailto:americas@bioclean.com)



BioClean™ is a brand of Nitritex Ltd.  
For more information, please visit [www.bioclean.com](http://www.bioclean.com)

BENS/1607/PDS25