

Presentation of the product

Packaging

- **Content:** 10 boxes of 100 units
- **Dimensions:** 310 x 225 x 220 mm

Box of 100 units

- **Content:** 100 units
- **Dimensions:** 210 x 110 x 60mm



Labelling

- Name and address of the manufacturing company
- Name of the product in several languages
- Commercial reference, batch and barcode
- Expiration date
- EC Marking
- Uses, applications and warnings
- Size and number of units
- Single use
- Storage conditions
- Protection pictograms
- Legislation and Reference

General characteristics

Description: Blue Biodegradable Nitrile gloves powder free.

Fine and extra sensitive to touch because the area of the fingers is textured for a better grip both wet and dry. Reinforced rolled sleeve.

The surface of the glove is treated with chlorine, this prevents the gloves from sticking together.

Interior covered with synthetic material, this helps to make them easier to put on and take off.

Our biodegradable gloves are designed to decompose ecologically, meeting ASTM D5511 and ASTM D5526 standards. A responsible option that reduces environmental impact without compromising quality.

The nitrile offers three times more protection against the micro-holes present in conventional latex gloves, for this reason, it is the best choice when choosing a latex-free glove.

Useful life : 5 years

Classification:

Medical Device **Class I**; *Royal Decree 1591/2009, Regulation (EU) 2017/745.*

PPE **Category III**; *Regulation (EU) 2016/425*

Sizes: Extra small, Small, Medium, Large, Extra Large

Colour: Blue

Physical Properties

Composition : Acrylonitrile Butadiene Nitrile (NBR)

Features:

- Ambidextrous
- Latex free
- Powderfree
- Chlorinated
- AQL 1.5
- Textured fingers
- Free of proteins
- Free of Tiuram, animal tissue or other biological substances

Property	Level/Result	Applied Standards
Medical Devices Regulation (EU) 2017/745		
Absence of holes	Pass	EN 455-1:2000
Dimensions	Pass	EN 455-2: 2015
Force to break	Pass (average > 6 N)	
Biological safety requirements	Pass	EN 455-3: 2015
ASTM Standards		
Viral penetration	Pass	ASTM F 1671M-13
Residual dust in medical globes	Pass	ASTM D 6124-06
Medical globes NBR	Pass	ASTM D 6319-10
Breaking Tensile Strength	14 Mpa	ASTM D 6319-10

GD20BIOB
BLUE BIODEGRADABLE NITRILE GLOVE POWDER FREE
DATA SHEET

Elongation	500%	ASTM D 6319-10				
Biodegradability	Pass	ASTM D5511 and ASTM D5526				
Personal Protection Equipment Regulation (EU) 2016/425						
Dexterity	5	EN 420:2003+A1:2009				
Resistance to the permeation of microorganisms						
Air leak test	Pass	UNE EN 374-2: 2016				
Water leak test	Pass					
Protection against bacteria and fungi	Pass	EN 374-5: 2016  VIRUS				
Virus protection	Pass					
Resistance to chemical products permeation						
(K) Sodium hydroxide (40%)	Level 5 / Permeation time >240 min	EN 374-1:2014  KPT				
(P) Hydrogen peroxide (30 %)	Level 2/ Permeation time >30 min					
(T) Formaldehyde (37 %)	Level 4/ Permeation time >120 min					
Plastic materials intended to contact food Regulation 10/2011						
Migration Test: - Isooctane - Acetic acid 3% - Ethanol 10% - Vegetable oil	- Pass - Pass - Pass - Pass	EN 1186-7:2002 				
Sizes						
Glove dimensions						
Size	Weight (g) ± 0.3	Length (mm) ± 3	Palm wide (mm) ± 10	Thickness (mm) ±0.02		
				fingers	palm	sleeve
XS	2,90	≥240	≤80	0.07	0.06	0.05
S	3,20	≥240	80	0.07	0.06	0.05
M	3,50	≥240	95	0.07	0.06	0.05
L	3,85	≥240	110	0.07	0.06	0.05
XL	4,45	≥240	≥110	0.07	0.06	0.05

Logistic sheet

REF - Size	Cod. EAN		Kg Packaging	Volume m ³	Boxes/ Pallet	Assembly/ Pallet (Boxes x heights)
	Interior Box	Packaging				
GD20BIOBA-XS	8436613861554	8436613861561	3,6	0,015345	88	11 x 8
GD20BIOBB- S	8436613861578	8436613861585	4,1	0,015345	88	11 x 8
GD20BIOBC-M	8436613861592	8436613861608	4,3	0,015345	88	11 x 8
GD20BIOBD- L	8436613861615	8436613861622	4,8	0,015345	88	11 x 8
GD20BIOBE- XL	8436613861639	8436613861646	5,2	0,015345	88	11 x 8

Uses and applications

In the **sanitary** field, gloves for the realization of medical **examinations**, dentistry, clinical examination, diagnostic and therapeutic procedures, for laboratory uses and in general for all the activities that require a glove that acts as a protective barrier against infectious bodies, as in the field of research and veterinary medicine.

Only for a low risk exposure level.

Its protection against **chemical** risks is low. It meets the requirements for the verification of microbiological safety and low chemical risk (EN374-1,2,4,5).

They are also used in the **food, electronics and cleaning** industry because the NBR does not contain latex or chemical accelerators, so that skin irritation problems due to allergic causes are reduced and others offer acceptable comfort and elasticity. In the field of food, these gloves comply with the requirements of regulation 10/2011 regarding plastic materials intended to come into contact with food.

Storage conditions

Keep stored in a cool and dry place. Avoid excess heat and protect from direct sunlight or fluorescent lighting.



Directives and Reference Standards

- **Royal Decree 1591/2009**, by which Sanitary Products are regulated.
- **Regulation (EU) 2017/745** on medical devices.
 - **EN 455 / 1-2-3-4**; Medical protection gloves for single use.
- **Regulation (EU) 2016/425**, on personal protective equipment and repealing Council Directive 89/686/EEC
 - **EN 420**; Protective gloves, general requirements and test methods.
 - **EN 374 / 1-2-4-5**; Protective gloves against chemical products and microorganisms.
- **Royal Decree 866/2008**, concerning plastic materials intended to come into contact with food, which transposes directive 2002/72 / EEC, repealed by **Regulation 10/2011 (Regulation 2016/1416)**.
- **Regulation (EU) 2016/1416**, which modifies and corrects Regulation (EU) No. 10/2011 on plastic materials and articles intended to come into contact with food
- **Regulation 10/2011 (Regulation 2020/1245)**, on plastic materials and objects intended to come into contact with food. Relevant text for the purposes of the EEA.
 - **EN 1186-7**; Test methods for global migration in simulators of aqueous foods using a bag.
- **ASTM D 6124-06**, residual powder content.
- **ASTM D 6319**, Standard Specification for nitrile examination gloves for medical use.
- **ASTM D5511**, *method for evaluating the anaerobic biodegradability of plastic materials in an aqueous medium.*
- **ASTM D5526**, *method for evaluating the aerobic biodegradability (i.e., in the presence of oxygen) of plastic materials in a soil matrix.*

Management system

Quality management system according to ISO 13485.

Product conformity

