

# N310

## Nitrile Cleanroom Gloves

Ambidextrous

300mm

Non-Sterile

Finger Textured

ISO Class 5

### Key Features

- Industry-leading low dermatitis disposable gloves offer high levels of protection, cleanliness and quality. The 300mm long length increases protection and reduces cross contamination risk up the arm.
- Nitrile construction results in products that are stronger and more resistant to chemicals than latex gloves, featuring better protection against a wide range of contaminants including micro-organisms and viruses.
- Cleanroom compatible to ISO Class 5, anti static, and silicone free composition ensures compliance and safety in a wide range of applications in the most critical of environments.
- Silicone free to avoid contamination in critical environments such as the manufacturing of semiconductors and microelectronics, ultimately reducing rejects rates. The gloves are latex free, making them ideal for sufferers of latex protein allergies.

### Quality Assurance

- Certificate of analysis available online upon request to ensure all products shipped conform to specified specifications.
- Packaged to meet ISO Class 5 Cleanroom Standard.
- Manufactured in accordance with Quality System ISO 9001:2015 and ISO 13485:2016 and US FDA.

### Compliance

- PPE Cat III according to Regulation (EU) 2016/425
- EN ISO 374-1:2016+A1:2018 Type C (K) Chemical Splash protection
- EN ISO 374-5:2016 Micro Organism and VIRUS Protection
- NVR test at Maximum 30 micro g/ g using IEST-RP-CC005.4 test method
- FTIR test for Silicon free and non detectable levels of amide and DOP
- ESD (Ohm ( $\Omega$ ))  $\leq 10^9 \Omega$  (ohm) conforming to test method ANSI/ESD STM15.1-2019



### Specifications

Feature	Specification
Material:	Nitrile
Length	300mm
ISO Class:	Class 5
Sterility:	Non-Sterile
Colour:	White
Shape:	Ambidextrous
Texture:	Finger Textured
Resistivity:	ESD (Ohm) $\leq 10^9 \Omega$
Wash:	DI Wash

### Cleanroom Characteristics

	Typical Levels	Test Method
<b>Liquid Particle Count</b>		<b>IEST-RP-CC005</b>
Per $\text{cm}^2 \geq 0.5 \mu\text{m}$	900 counts/ $\text{cm}^2$	
<b>Extractables</b>	<b><math>\mu\text{g}/\text{cm}^2</math></b>	<b>IEST-RP-CC005</b>
Total Anions	NA	
Flouride (F)	0.1	
Chloride (Cl)	0.5	
Nitrite ( $\text{NO}_2$ )	0.1	
Bromide (Br)	ND	
Nitrate ( $\text{NO}_3$ )	0.5	
Phosphate ( $\text{PO}_4$ )	0.1	
Sulphate ( $\text{SO}_4$ )	0.5	
Lithium (Li)	ND	
Sodium (Na)	0.2	
Ammonium ( $\text{NH}_4$ )	0.1	
Potassium (K)	0.1	
Magnesium (Mg)	0.1	
Calcium (Ca)	0.1	
<b>Other Tests</b>	<b>Description</b>	<b>Test Method</b>
NVR	Maximum 30 $\mu\text{g}/\text{g}$	IEST-RP-CC005.4
FTIR	silicone, amide and DOP non detectable	IEST-RP-CC005.4
ESD (Ohm ( $\Omega$ ))	$\leq 10^9 \Omega$ (ohm)	ANSI/ESD STM15.1-2019

# Physical Properties

Typical Measurement							
Thickness (mm) ± 0.02mm	Middle Finger		Palm		Cuff		ASTM D 3767, ASTM D 6319 and EN 420:2003 + A1:2009
	0.10		0.08		0.06		
Palm Width (mm) ± 5mm	XS	S	M	L	XL	XXL	
	-	85	95	106	116	-	
Length (mm) ± 10mm	Minimum 295						
Weight (g) ± 0.5g	-		6			-	
Freedom From Holes	AQL 1.5 <sup>2</sup>						EN 374-2:2014 and ASTM D 5151
Tensile Properties	Tensile Strength			Ultimate Elongation			ASTM D 412, ASTM D 573 and ASTM D 3578
Before Aging	14.0 MPa, Nominal			500% Nominal			
After Accelerated Aging	14.0 MPa, Nominal			400% Nominal			

## Caution Statements

Contains accelerators which may cause an allergic reaction in some users. If allergic reaction occurs, discontinue use and consult a doctor.

## Packing

100 Gloves per Bag  
10 Bags per Case  
84 Cases per Pallet



**Pouch Dimensions (mm):**  
244mm x 162mm x 66mm



**Outer Dimensions (mm):**  
300mm x 280mm x 180mm

## Sizing & Barcodes

Size	Product Code	Inner Barcode	Outer Barcode
S	N310-S	5061048640004	5061048640042
M	N310-M	5061048640011	5061048640059
L	N310-L	5061048640028	5061048640066
XL	N310-XL	5061048640035	5061048640073

## Disposal

Please follow local regulation and guidance. The inner packaging bags are made of polythene and the outer packaging case is made of cardboard.



Inner Pack



Outer Bag & Carton Liner



Outer Pack



## Storage

Store in a cool, dry and well ventilated area, away from direct sunlight, UV light, ozone generated equipment, electrical sources and excessive heat.

For additional information visit us at [www.otect.com](http://www.otect.com)

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