

N310

Nitrile Cleanroom Gloves

Ambidextrous

300mm

Non-Sterile

Finger Textured

ISO Class 5

Key Features

- These premium 300mm nitrile cleanroom gloves provide exceptional protection, superior cleanliness, and reliable quality. Their extended length enhances coverage, offering increased protection and comfort while reducing the risk of contamination from the wearer.
- The nitrile construction delivers exceptional strength and chemical resistance, providing reliable protection against a broad range of hazards, including micro-organisms and viruses.
- These nitrile gloves are packaged in cleanroom-compatible materials and are suitable for use in ISO Class 5 environments, ensuring they meet stringent cleanliness standards for critical applications.
- Free from silicone, powder and latex, making them suitable for individuals with latex protein allergies.

Quality Assurance

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

Compliance

- PPE Cat III according to Regulation (EU) 2016/425
- EN ISO 374-1:2016 +A1:2018 Type B (KPT) Chemical Splash protection
- EN 374-4:2019 Resistance to degradation by chemicals.
- EN ISO 374-5:2016 Micro Organism and VIRUS Protection
- FTIR test for silicone free and non detectable levels of amide and DOP



Specifications

Feature	Specification
Material:	Nitrile
Length	300mm
ISO Class:	Class 5
Sterility:	Non-Sterile
Colour:	White
Shape:	Ambidextrous
Texture:	Finger Textured
Wash:	DI Wash

Cleanroom Characteristics

	Typical Levels	Test Method
Liquid Particle Count		IENT-RP-CC005
Per cm ² ≥ 0.5 µm	900 counts/cm ²	
Extractables	µg/cm²	IENT-RP-CC005
Total Anions	NA	
Flouride (F)	0.1	
Chloride (Cl)	0.5	
Nitrite (NO ₂)	0.1	
Bromide (Br)	ND	
Nitrate (NO ₃)	0.5	
Phosphate (PO ₄)	0.1	
Sulphate (SO ₄)	0.5	
Lithium (Li)	ND	
Sodium (Na)	0.2	
Ammonium (NH ₄)	0.1	
Potassium (K)	0.1	
Magnesium (Mg)	0.1	
Calcium (Ca)	0.1	
Other Tests	Description	Test Method
FTIR	silicone, amide and DOP non detectable	IENT-RP-CC005.4

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 (Size M)	6						
Freedom From Holes	AQL 1.5 ²						
EN 374-2:2014 and ASTM D 5151							
Tensile Properties	Tensile Strength			Ultimate Elongation			
Before Ageing	14.0 MPa, Nominal			500% Nominal			ASTM D 412, ASTM D 573 and ASTM D 3578
After Accelerated Ageing	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 Pack
- 2 Packs per Bag
- 5 Bags per Case
- 84 Cases per Pallet



Pack Dimensions (mm):
244mm x 162mm x 66mm



Outer Dimensions (mm):
330mm x 290mm x 180mm

Sizing & Barcodes

Size	Product Code	Pack 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.



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

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