

# PURTECH Nitrile Cleanroom Gloves

Non-sterile - ISO Class 5+ Cleanrooms

## LYNBOND



### About

Puretech Nitrile Gloves are compatible for ISO Class 5+ Cleanrooms, and resistant to a range of Chemicals\*. Featuring a beaded cuff with textured fingertips and excellent synthetic rubber copolymers composition to ensure superior grip and ideal for use within electrically sensitive applications.

### Specification

- Suitable for ISO Class 5+ Cleanrooms
- Length: 300 (12")
- Material: Nitrile
- Beaded Cuff
- Protein Levels: Latex free
- Surface: Textured Fingertips
- Shape: Ambidextrous
- Powder-free
- Colour: White

### Features

- Laundered & Packed in a Class 5 Cleanroom
- Resistant to a range of chemicals\*
- Non-smooth surface for excellent grip
- Anti-static
- Double bagged in non-particulating packaging
- Low extractables and NVRs
- Free of Silicone, Amide & DOP



ISO CLASS 5+

LATEX FREE

TEXTURED FINGERTIPS

CHEMICAL RESISTANT\*

Rev.2023

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CLEANROOM SPECIFICATION (In accordance with ISO 14644-1)						TESTING METHOD
TYPICAL PARTICLE COUNT $\geq 0.5\mu\text{m}$ (Counts / $\text{cm}^2$ )			<1200			IEST-RP-CC005.4
NVR			<1 $\mu\text{g}/\text{cm}^2$			
CONTENT	SPEC ( $\mu\text{g}/\text{cm}^2$ )	CONTENT	SPEC ( $\mu\text{g}/\text{cm}^2$ )	CONTENT	SPEC ( $\mu\text{g}/\text{cm}^2$ )	
Fluoride (F)	<0.01	Sulphate ( $\text{SO}_4^{2-}$ )	<0.20	Magnesium ( $\text{Mg}^{2+}$ )	<0.20	
Chloride ( $\text{Cl}^-$ )	<0.30	Sodium ( $\text{Na}^+$ )	<0.05	Calcium ( $\text{Ca}^{2+}$ )	<0.80	
				FTIR (1 $\mu\text{g}/\text{cm}^2$ )		
Bromide (Br)	<0.05	Ammonium ( $\text{NH}_4^+$ )	<0.20	Silicone	ND	
Nitrate ( $\text{NO}_3^-$ )	<0.40	Potassium ( $\text{K}^+$ )	<0.10	Amide	ND	
Phosphate ( $\text{PO}_4^{3-}$ )	<0.20	Nitrite ( $\text{NO}_2^-$ )	<0.01	Diocetyl phthalate	ND	

PHYSICAL PROPERTIES	SPECIFICATION						TESTING METHOD
LENGTH (mm/in)	300 / 12						EN 420
FREEDOM FROM HOLES	1.5 AQL						EN 455-1
MINIMUM SINGLE WALL THICKNESS							
PALM	0.10mm						EN 420 / ASTM D6319
FINGER	0.12mm						EN 420 / ASTM D6319
CUFF	0.09mm						EN 420 / ASTM D6319
PALM WIDTH							
SIZES	XS	SMALL	MEDIUM	LARGE	XL	EN 420	
PALM (mm) +/- 10mm	70	80	95	110	120		
TENSILE PROPERTIES	TENSILE STRENGTH			ELONGATION			ASTM D412
BEFORE AGING	>14 MPa			>500%			
AFTER AGING	>14 MPa			>400%			
ESD PROPERTIES							
SURFACE RESISTIVITY	$10^9 \times 10^{11} \Omega/\text{sq}$						ASTM D257-93
ESD (1000-100 V)	<3.0S						FTMs No.101 (406)

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### PRODUCT INFORMATION

PRODUCT SERIES	INCP
MATERIAL	Nitrile
COLOUR	White
SHAPE	Ambidextrous
CUFF	Beaded
GLOVE SURFACE	Textured Fingertips
INTERNAL GLOVE SURFACE	Powder-Free
EXTERNAL GLOVE SURFACE	Non-smooth (not suitable for double donning)
STERILITY INFORMATION	Non-sterile
ESD PROPERTIES	Anti-static
OUTGASSING (H <sup>2</sup> S)	No Colour variation
PROTIEN LEVELS	Contains no rubber Latex
SHELF LIFE	36 Months
STORAGE	Keep out of direct sunlight; Store in a cool and dry place
REGULATORY	CAT III, EN ISO 374-1:2016, EN 374-4:2019, EN ISO 374-2, EN 16523-1:2015+A1:2018, EN ISO 374-5:2016, EN 420
MANUFACTURING STANDARDS	ISO 9001:2015
PACKAGING	Double Bagged - 100 pieces per bag

### ORDERING INFORMATION

ITEM CODE	SIZE
INCP200	X SMALL
INCP201	SMALL
INCP202	MEDIUM
INCP203	LARGE
INCP204	X LARGE



\*Warning: No glove provides complete protection against all chemicals. Users must test the gloves against the particular chemicals and environment in which they will be used.

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