

PureTex Nitrile Cleanroom Gloves

Non-sterile - ISO Class 5+ Cleanrooms

LYNBOND



About

PureTex 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

Rev.12.24

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CLEANROOM SPECIFICATION (In accordance with ISO 14644-1)						TESTING METHOD
TYPICAL PARTICLE COUNT ≥0.5µm (Counts / cm²)			<1200			IEST-RP-CC005.4
NVR			<1 ug/cm²			
Outgassing (H₃S)			No Colour Variation			
Copper Corrosion Test						
CONTENT	SPEC (µg/cm²)	CONTENT	SPEC (µg/cm²)	CONTENT	SPEC (µg/cm²)	
Fluoride (F⁻)	<0.01	Sulphate (SO₄²⁻)	<0.20	Magnesium (Mg²⁺)	<0.20	
Chloride (Cl⁻)	<0.30	Sodium (Na⁺)	<0.05	Calcium (Ca²⁺)	<0.80	
				FTIR (1 ug/cm²) (1 ug/cm²)		
Bromide (Br)	<0.05	Ammonium (NH₄⁺)	<0.20	Silicone	ND	
Nitrate (NO₃⁻)	<0.40	Potassium (K⁺)	<0.10	Amide	ND	
Phosphate (PO₄³⁻)	<0.20	Nitrite (NO₂⁻)	<0.01	Dioctyl phthalate	ND	

PHYSICAL PROPERTIES	SPECIFICATION					TESTING METHOD
FREEDOM FROM HOLES	1.5 AQL					EN 455-1
LENGTH (mm/in)	300 / 12					EN 214202:2020
MINIMUM SINGLE WALL THICKNESS						
PALM	0.10mm					
FINGER	0.12mm					
CUFF	0.09mm					
PALM WIDTH						
SIZES	XS	SMALL	MEDIUM	LARGE	XL	
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						ASTM D257-93 FTMs No.101 (406)
SURFACE RESISTIVITY	10 ⁹ x 10 ¹¹ Ω/sq					
ESD (1000-100 V)	<3.0S					

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PRODUCT INFORMATION

PRODUCT SERIES	INCP
MATERIAL	Nitrile
COLOUR	Natural
SHAPE	Ambidextrous
CUFF	Beaded
POWDER CONTENT	Powder-Free
GLOVE SURFACE	Textured Fingertips
INTERNAL GLOVE SURFACE	Powder-Free
CLEANROOM CLASSIFICATION	ISO CLASS 5
STERILITY INFORMATION	Non Sterile
ESD PROPERTIES	Anti-static
SURFACE RESISTIVITY	$10^9 - 10^{11} \Omega \text{sq}$ (ASTM D257)
ESD (1000-100 V)	<3.0S
OUTGASSING (H ² S)	No Colour variation
AQL LEVEL	1.5
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 16523-1:2015+A1:2018, EN ISO 374-5:2016
MANUFACTURING STANDARDS	ISO 9001:2015
PACKAGING	Double Bagged - 100 pieces per bag

Chemicals

EN ISO 374-1



TYPE B

EN 374-1:2016+2018/Type B

(K) Sodium Hydroxide 40%
(P) Hydrogen peroxide 30%
(T) Formaldehyde 37%

Level

6
2
4

EN ISO 374-5



EN 374-5:2016

Protection against Bacteria and fungi
Protection against viruses

Level

Pass
Pass

Ordering Information

Item Code	Size	
INCP200	Xtra Small	5
INCP201	Small	6
INCP202	Medium	7
INCP203	Large	8
INCP204	Xtra Large	9



UKCA



CE

CAT III