

PureTex Nitrile Cleanroom Gloves

Non-sterile - ISO Class 4+ Cleanrooms

LYNBOND



About

PureTex Nitrile Gloves are compatible for ISO Class 4+ 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

- Compatibility: ISO Class 4
- 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 4+

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)			<900			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⁻)	<0.005	Sulphate (SO₄²⁻)	<0.100	Magnesium (Mg²⁺)	<0.050	
Chloride (Cl⁻)	<0.200	Sodium (Na⁺)	<0.050	Calcium (Ca²⁺)	<0.500	
				FTIR (1 ug/cm²)	(1 ug/cm²)	
Bromide (Br)	<0.020	Ammonium (NH₄⁺)	<0.100	Silicone	ND	
Nitrate (NO₃⁻)	<0.300	Potassium (K⁺)	<0.050	Amide	ND	
Phosphate (PO₄³⁻)	<0.100	Nitrite (NO²⁻)	<0.005	Diocetyl phthalate	ND	

PHYSICAL PROPERTIES		SPECIFICATION						TESTING METHOD	
FREEDOM FROM HOLES		1.5 AQL						EN 455-1	
LENGTH (mm/in)		300 / 12						EN 21420:2020	
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									
SURFACE RESISTIVITY		10 ⁹ x 10 ¹¹ Ω/sq						ASTM D257-93	
ESD (1000-100 V)		<3.0S						FTMs No.101C 4046	

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PRODUCT INFORMATION

PRODUCT SERIES	NG10
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 4
STERILITY INFORMATION	Non Sterile
ESD PROPERTIES	Anti-static
SURFACE RESISTIVITY	$10^9 - 10^{11}/\text{Sq}$ (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	EN 374-1:2016+2018/Type B	Level
	(K) Sodium Hydroxide 40%	6
	(P) Hydrogen peroxide 30%	2
	(T) Formaldehyde 37%	4

EN ISO 374-5	EN 374-5:2016	Level
	Protection against Bacteria and fungi	Pass
	Protection against viruses	Pass

Ordering Information

Item Code	Size	
NG10-XS	Xtra Small	5
NG10-S	Small	6
NG10-M	Medium	7
NG10-L	Large	8
NG10-XL	Xtra Large	9

