

XTRA CLEAN Vinyl Cleanroom Glove

Non-sterile - ISO Class 5+ Cleanrooms

LYNBOND



About

The Xtraclean Vinyl Cleanroom Glove offers an economic alternative to Nitrile. The Xtraclean Glove is a blend of PVC resins which combines exceptional physical properties, cleanliness and are latex free. The Xtraclean Glove provides high levels of sensitivity, enhanced tensile strength and elongation giving operators great levels of comfort. The Xtraclean Glove is anti-static, has very low particle emissions and low metal ions and suitable for ISO Class 5+ cleanrooms in electronically sensitive environments. The ambidextrous, clear 300mm (12") is powder-free and features a beaded cuff for additional strength.

Specification

- Suitable for ISO Class 5+ Cleanrooms
- Length: 300 (12")
- Material: Vinyl (PVC Resin Copolymer)
- Beaded Cuff
- Antistatic
- Protein Levels: Latex free
- Shape: Ambidextrous
- Colour: Natural
- Available in Sizes - S, M, L, XL

Features

- Powder-free
- Low levels of particle counts, Ionic content, NVRs
- Silicone, Amide & DOP Free
- Clear, smooth, non-textured finish
- Excellent Grip
- Flexible with high levels of sensitivity
- Double bagged in non-particulating packaging



Application

- Suitable for ISO Class 5+ non sterile Cleanrooms
- Wafer Manufacturing & Fabrication
- Research & Development
- ESD environments

Rev.2023

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CLEANROOM SPECIFICATION						TESTING METHOD
TYPICAL PARTICLE COUNT $\geq 0.5\mu\text{m}$ (Counts / cm^2)			<3'500			IEST-RP-CC005.4
NVR			<2.5 $\mu\text{g}/\text{cm}^2$			
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)	NT	Sulphate (SO_4^{2-})	<0.30	Magnesium (Mg^{2+})	<0.03	
Chloride (Cl)	<0.09	Sodium (Na^+)	<0.533	Calcium (Ca^{2+})	<0.22	
				FTIR		
Bromide (Br)	NT	Ammonium (NH_4^+)	< 0.05	Silicone	ND	
Nitrate (NO_3^-)	NT	Potassium (K^+)	NT	Amide	ND	
Phosphate (PO_4^{3-})	NT	Nitrite (NO_2^-)	NT	Diocetyl phthalate	ND	
NT = Not Tested, ND = Not detected						

PHYSICAL PROPERTIES	SPECIFICATION				TESTING METHOD
LENGTH (mm/in)	300 / 12				EN 420
FREEDOM FROM HOLES	4.0 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	SMALL	MEDIUM	LARGE	XL	EN 420
PALM (mm) +/- 5mm	85	95	105	115	
TENSILE PROPERTIES	TENSILE STRENGTH		ELONGATION		ASTM D412
BEFORE AGING	>11 MPa		>300%		
AFTER AGING	>11 MPa		>300%		
ESD PROPERTIES					
SURFACE RESISTIVITY	1 x $10^{11}\Omega/\text{sq}$ @ 50 - 60% relative humidity				ASTM D257-93
ESD (1000-100 V)	<3.0S				FTMs No.101 (4046)

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PRODUCT INFORMATION

PRODUCT SERIES	XTRA
MATERIAL	Vinyl (PVC resin, Co-polymer)
COLOUR	Natural
SHAPE	Ambidextrous
CUFF	Beaded
FINGER TIP SURFACE	Smooth Fingertip
INTERNAL GLOVE SURFACE	Powder-Free
EXTERNAL GLOVE SURFACE	Non-smooth (not suitable for double donning)
STERILITY INFORMATION	Non-sterile
ESD PROPERTIES	Anti-static
PROTIEN LEVELS	Contains no rubber Latex
SHELF LIFE	36 Months
STORAGE	Keep out of direct sunlight; Store in a cool and dry place
REGULATORY	EN 420, EN 455-1
PPE CLASSIFICATION	This product is classified as non PPE
MANUFACTURING STANDARDS	ISO 9001:2015 & ISO 13485
PACKAGING	Double Bagged - 100 pieces per bag

ORDERING INFORMATION

ITEM CODE	SIZE
XTRA-S	SMALL
XTRA-M	MEDIUM
XTRA-L	LARGE
XTRA-XL	X LARGE

