

PURTECH Nitrile Cleanroom Gloves

Non-sterile - ISO Class 4 + Cleanrooms

LYNBOND



About

Puretech 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
- Protein Levels: Latex free
- Surface: Textured Fingertips
- Shape: Ambidextrous
- Colour: White

Features

- Powder-free & Latex free
- Resistant to a range of chemicals*
- Anti-static
- Double bagged in non-particulating packaging



ISO CLASS 4+

LATEX FREE

TEXTURED FINGERTIPS

CHEMICAL RESISTANT*

Rev.2208

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PHYSICAL PROPERTIES

	SPECIFICATION	TESTING METHOD
LENGTH (mm/in)	300 / 12	EN 420
FREEDOM FROM HOLES	1.5 AQL	EN 455-1
TYPICAL PARTICLE COUNT $\geq 0.5\mu\text{m}$ (Counts / cm^2)	<900n	IEST-RP-CC005.4
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

TEST METHOD - ASTM D412

TENSILE PROPERTIES	TENSILE STRENGTH	ELONGATION
BEFORE AGING	>14 MPa	>500%
AFTER AGING	>14 MPa	>400%

IONIC CONTENT - Test Method IEST-RP-CC005

CONCENTRATION IN $\mu\text{g}/\text{cm}^2$	SPECIFICATION	CONCENTRATION IN $\mu\text{g}/\text{cm}^2$	SPECIFICATION	CONCENTRATION IN $\mu\text{g}/\text{cm}^2$	SPECIFICATION
Fluoride	<0.005	Sulphate	<0.100	Magnesium	<0.050
Chloride	<0.200	Sodium	<0.050	Calcium	<0.500
Bromide	<0.020	Ammonium	<0.100	Silicone	ND
Nitrate	<0.300	Potassium	<0.050	Amide	ND
Phosphate	<0.100	Nitrite	<0.005	Diocetyl phthalate	ND

FREE FROM SILICONE OIL, AMIDE & DOP - Test Method IEST-RP-CC005

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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 & Chlorinated
CLEANROOM CLASSIFICATION	ISO CLASS 4
STERILITY INFORMATION	Non Sterile
ESD PROPERTIES	Anti-static
SURFACE RESISTIVITY	$10^9 - 10^{11}/Sq$ (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 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
NG10-S	Small
NG10-M	Medium
NG10-L	Large
NG10-XL	Xtra Large



CAT III



KTP



EN ISO 374-5:2016

*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.