



## Non-sterile, accelerator-free nitrile cleanroom gloves, compatible with Class 100 (ISO 5) environments

- **Assured cleanliness:** Nitrilite™ 93-311 non-sterile gloves are specially designed for compatibility with Class 100 (ISO 5) cleanroom environments
- **Reduced allergy risks:** These cleanroom gloves are also free from latex proteins and chemical accelerators, reducing the susceptibility to Type I or Type IV allergic reactions
- **Heightened tactility:** Thanks to their optimally thick design, these silicone-free gloves ensure high levels of tactile sensitivity, making them ideal for precision handling
- **Class 100 (ISO 5) cleanroom compatibility:** Assured cleanliness
- **Latex-free nitrile formulation:** Type I latex allergy risks eliminated
- **No chemical accelerators:** Lower susceptibility to Type IV allergies and sensitivities



### Industries

- Biotechnology Manufacturing
- Medical Device Manufacturing
- Electronics manufacturing

### Recommended For

- Clean room cleaning and preparing
- Blending, compounding solids and liquids
- Spill or leakage cleanup
- Transferring liquids and solids
- Loading centrifuges and chromatography columns
- Assembly of parts
- Weighing and dispensing of solid and liquid raw materials



## TECHNICAL DATA SHEET

Product Information	
Material	Nitrile
Color	Natural
Shape	Ambidextrous
Cuff	Beaded
Manufacturing/QMS Audit Standards	ISO 9001:2015
Regulatory	Category III, EN ISO 21420:2020, EN ISO 374-1:2016, EN ISO 374-5:2016, FDA21 CFR 177-2600-US Food Contact Approved, ISO 14001
Packaging	50 gloves per inner bag; 2 inner bags per master polybag; 10 master polybags per (1000 gloves) per liner bag
Storage	Keep out of direct sunlight; store in a cool and dry place. Keep away from sources of ozone or ignition.
Country of Origin	Malaysia
Available sizes	XS (5.5 - 6), S (6.5 - 7), M (7.5 - 8), L (8.5 - 9), XL (9.5 - 10)
External Glove Surface	Textured Fingers
Internal Glove Surface	Powder-Free, Chlorinated
Cleanroom Class	Class 100/ISO 5
Shelf Life	5 Years
Tested for use with Chemotherapy Drugs	No
Protein Level	N/A: contains no natural rubber latex
Anti-static	Yes EN1149

Physical Properties		Testing Method
Typical Length (mm/in)	300 / 12	EN 420/ASTM D3767
Freedom from Holes	2.5 AQL	EN 455-1/ASTM D3577
Typical Particle Count $\geq 0.5\mu\text{m}$ (counts / cm <sup>2</sup> )	< 2,400 particles / cm <sup>2</sup>	IENT-RP-CC005.4
Target Single Wall Palm Thickness (mm/mil)	0.10 / 3.9	EN 420/ASTM D3767
Target Single Wall Finger Thickness (mm/mil)	0.13 / 5.1	EN 420/ASTM D3767
Target Single Wall Cuff Thickness (mm/mil)	0.075/3.0 mil	EN 420/ASTM D3767

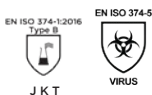
### IONIC CONTENT

Concentration in $\mu\text{g}/\text{cm}^2$	Typical	Concentration in $\mu\text{g}/\text{cm}^2$	Typical
Calcium	0.500	Potassium	0.050
Chloride	0.285	Sodium	0.038
Lithium	0.0004	Sulphate	0.080
Magnesium	0.050	Zinc	0.300
Nitrate	0.165		

### ORDERING INFORMATION

SIZE	XS (5.5 - 6)	S (6.5 - 7)	M (7.5 - 8)	L (8.5 - 9)	XL (9.5 - 10)
REORDER NO.	365752	365753	365754	365755	365756

### PERFORMANCE STANDARDS AND REGULATORY COMPLIANCE



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