

Reliable protection for clean environments

Nitrilite® 93-311 is a clean nitrile glove with low levels of ionic content and particles - for reliable product protection. Designed for use in Class 100 / ISO 5 Cleanroom Environments.

- Compatible with Class 100 (ISO 5) / Grade A Cleanroom Environments
- Low levels of ionic content and particles for excellent product protection



Industries

- Biotechnology Manufacturing
- Medical Device Manufacturing

Recommended For

- Transferring liquids
- Clean room cleaning and preparing



TECHNICAL DATA SHEET

PRODUCT INFORMATION

	93-311
Material	Nitrile
Shape	Ambidextrous
Manufacturing/QMS Audit Standards	ISO 9001:2015
Regulatory/Standards Compliance	Category III, EN ISO 374-1:2016, EN ISO 374-5:2016, EN 420:2003 + A1:2009, FDA21 CFR 177-2600, ISO 14001, ISO 9001
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)
Sterilization Method	Not Applicable
Cleanroom Class	Class 100/ISO 5 & EU GMP Grade A
Shelf Life	5 Years
Tested for use with Chemotherapy Drugs	No
Protein Level	N/A: contains no natural rubber latex
Anti-static	Yes
Vulcanization Chemical Accelerators	<ul style="list-style-type: none"> None

PHYSICAL PROPERTIES

	Typical Values	Testing Method
Length (mm/in)	300 / 12	EN 420/ASTM D3767
Freedom from Holes	2.5 AQL	EN 455-1/ASTM D3577
Typical Particle Count ≥0.5µm (counts / cm ²)	< 2,400 particles / cm ²	IEST-RP-CC005.4
Minimum Single Wall Palm Thickness (mm/mil)	0.10 / 3.9	EN 420/ASTM D3767
Minimum Single Wall Finger Thickness (mm/mil)	0.13 / 4.9	EN 420/ASTM D3767
Minimum Single Wall Cuff Thickness (mm/mil)	0.075 / 3.0 mil	EN 420/ASTM D3767

IONIC CONTENT

Concentration in µg/cm ²	Typical	Concentration in µg/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)
93-311	REORDER NO.	93311060	93311070	93311080	93311090	93311100

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Performance Standards and Regulatory Compliance



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