



Nitrile



Clean
Environment

Nitrilite®

93-311

Clean Nitrile Glove

Product protection in Life Science and Electronics

FEATURES AND BENEFITS:

Low particulate levels

The Ansell Nitrilite® glove range offers two levels of cleanliness. Produced in a controlled powder-free environment, they feature exceptionally low levels of extractable and particles for excellent product protection.

Packed clean to stay clean

Packed in a class 100 environment, double bagged in clean room compatible packaging and then packed into a lined shipper carton. Printed using IPA-resistant ink.

Excellent electrical properties

Well suited for electrically sensitive applications requiring low particulate and superior hand protection.

Fit, comfort and dexterity

The soft, flexible polymer formulation allows for an improved user fit for longer term wearing comfort.

100% Nitrile made

The 100% nitrile polymer prevents the risk of allergies related to latex proteins for the wearer.

Certified quality and traceability

All lots are supported with Certificate of Certification (CoC) traceability and quality monitoring.



TECHNICAL DATA SHEET:

PRODUCT INFORMATION:

Material	100% Nitrile polymer, manufactured in a clean environment
Color	Natural white
Glove Design	Ambidextrous, ergonomically designed for improved dexterity, comfort and long wear
Cuff	Rolled, beaded cuff to enhance donning
Clean Room Compatibility	Gloves are double-wrapped in cleanroom-compatible packaging and packed in a lined shipping carton. Recommended for ISO 5 areas.
Audit Standards	ISO 9002
Quality Control	EN420, EN,474-1, EN 374-2, EN 374-3, FDA 21 CFR 177-2600
Packaging	50 Gloves per polybag, 2 polybags per Master polybag, 10 Master Polybags per case. 1000 gloves per case. Packaging and labeling is printed with IPA-resistant ink. The gloves are doublebagged for superior contamination control. Packed in a Class 100 cleanroom.
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

PHYSICAL PROPERTIES:

PROPERTY	TYPICAL VALUES					TESTING METHOD
	XS 5½-6	S 6½-7	M 7½-8	L 8½-9	XL 9½-10	
SIZE						ASTM D3767/EN 420
Length (mm)	300	300	300	300	300	
Average Palm Width (mm)	82	90	100	105	115	
Freedom from Holes (Inspection level I)	2.5 AQL					ASTM D5151/EN 374-2
Palm Thickness Single Wall	(mm: 0.1) / (mils: 3.9)					ASTM D3767/EN 420
Particle Count	< 2,400 part./cm ²					IEST-RP-CC005.2-7

	BEFORE AGING	AFTER AGING	
Ultimate Tensile Strength	≥ 18 Mpa	NA	ASTM D 412-06a
Elongation at Break (%)	≥ 300	NA	ASTM D 412-06a
Modulus @ 500%	5-12	NA	ASTM D 412-06a
Electrical Properties: Resistivity	1x10 ¹¹ ohms/square at 12.5% humidity, 1x10 ¹⁰ ohms/square at 50% humidity		ASTM D257, EST S11.11
Static Decay	<3 seconds @ 12.5% humidity, <1 second @ 50% humidity		FTM Std 101C- Method 404

IONIC CONTENT	SPECIFICATION	IONIC CONTENT	SPECIFICATION
Aluminum (Al ³⁺)	<0.050 µg/cm ²	Nitrate (NO ₃ ⁻)	<0.500 µg/cm ²
Chloride (Cl ⁻)	<0.600 µg/cm ²	Potassium (K ⁺)	<0.050 µg/cm ²
Copper (Cu ²⁺)	<0.050 µg/cm ²	Silicone (Mg/Cm ³)	ND
Iron (Fe ³⁺)	<0.050 µg/cm ²	Sodium (Na ⁺)	<0.500 µg/cm ²
Lithium (Li ⁺)	<0.0004 µg/cm ²	Sulfate (SO ₄ ²⁻)	<0.200 µg/cm ²
Magnesium (Mg ²⁺)	<0.050 µg/cm ²	Zinc (Zn ²⁺)	<0.300 µg/cm ²

Test methods per IEST-RP-CC005.2 using an orbital shaker. ND=None Detected

ORDERING INFORMATION:

	SIZE	XS 5½-6	S 6½-7	M 7½-8	L 8½-9	XL 9½-10
93-311	ASPEN	365752	365753	365754	365755	365756
	ORACLE	104940	104941	104942	104943	104944



EN 374



CE 0493

For additional information visit us at www.ansell.com, or call us at

North America, Latin America and Caribbean: +1800 800 0444

Asia Pacific: +852 2185 0600

Europe: +32 2 528 74 00

Australia: +61 3 9270 7270

® and ™ are trademarks owned by Ansell Limited or one of its affiliates. © 2013 All Rights Reserved.

