

Product protection in Class 10/ISO 4 environments



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.

Prevention from Type I Allergies

Contains no natural rubber proteins, therefore protects against Type I skin allergies.

Certified Quality and Traceability

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



Industries

- Electronics Manufacturing
- Medical Laboratories
- Pharmaceutical
- Research Laboratories

Applications

- Acid Resistance
- Assembly and inspection
- Chemical handling
- Filtration processes
- Laboratory analysis
- Light assembly tasks
- Light duty maintenance

TECHNICAL DATA SHEET:

PRODUCT INFORMATION:

Material	100% Nitrile polymer, manufactured in a clean environment
Color	Natural
Glove Design	Ambidextrous and textured fingers
Cuff	Rolled, beaded cuff
Clean Room Compatibility	Gloves are double-wrapped in cleanroom-compatible packaging and packed in a lined shipping carton. Recommended for ISO 4 areas.
Audit Standards	ISO 9002
Quality Control	EN 420, EN 374-1, 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 5-5½	S 6-6½	M 7-7½	L 8-8½	XL 9-9½	
SIZE						
Length (mm)	300	300	300	300	300	ASTM D3767/EN 420
Average Palm Width (mm)	75	85	95	105	115	
Freedom from Holes (Inspection level I)	1.5 AQL					ASTM D5151/EN 374-2
Palm Thickness Single Wall	(mm: 0.11) / (mils: 4.3)					ASTM D3767/EN 420
Particle Count	≤ 400					IEST-RP-CC005.2-7

	BEFORE AGING	AFTER AGING	
Ultimate Tensile Strength	≥ 18 Mpa	NA	ASTM D 412-06a
Elongation at Break (%)	≥ 500	NA	ASTM D 412-06a
Modulus @300%	≤ 9	NA	ASTM D 412-06a

IONIC CONTENT	SPECIFICATION	TYPICAL	IONIC CONTENT	SPECIFICATION	TYPICAL
Aluminum (Al ³⁺)	<0.020 µg/cm ²	<0.010 µg/cm ²	Nitrate (NO ₃ ⁻)	<0.100 µg/cm ²	0.0235 µg/cm ²
Chloride (Cl ⁻)	<0.200 µg/cm ²	0.05 µg/cm ²	Potassium (K ⁺)	<0.020 µg/cm ²	0.0099 µg/cm ²
Copper (Cu ²⁺)	<0.01 µg/cm ²	<0.0004 µg/cm ²	Silicone (Mg/Cm ³)	ND	ND
Iron (Fe ³⁺)	<0.020 µg/cm ²	<0.010 µg/cm ²	Sodium (Na ⁺)	<0.050 µg/cm ²	0.014 µg/cm ²
Lithium (Li ⁺)	<0.0001 µg/cm ²	<0.0001 µg/cm ²	Sulfate (SO ₄ ²⁻)	<0.010 µg/cm ²	0.0095 µg/cm ²
Magnesium (Mg ²⁺)	<0.005 µg/cm ²	<0.001 µg/cm ²	Zinc (Zn ²⁺)	<0.05 µg/cm ²	0.0096 µg/cm ²

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

ORDERING INFORMATION:

	SIZE	XS	S	M	L	XL
93-401	ASPN	93-401-XS	93-401-S	93-401-M	93-401-L	93-401-XL

Neither this document nor any other statement made herein by or on behalf of Ansell should be construed as a warranty of merchantability or that any Ansell product is fit for a particular purpose. Ansell assumes no responsibility for the suitability or adequacy of an end user's selection of gloves for a specific application.

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Regulatory Compliance



Performance Standards

