



Nitrile



Clean
Environment

Nitrilite®

93-401 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.



Ansell

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 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 5½-6	S 6½-7	M 7½-8	L 8½-9	XL 9½-10	XXL 10½-11	
SIZE							ASTM D3767/EN 420
Length (mm)	300	300	300	300	300	300	
Average Palm Width (mm)	75	85	95	105	115	125	
Freedom from Holes (Inspection level I)	1.5 AQL						ASTM D5151/EN 374-2
Palm Thickness Single Wall	(mm: 0.1) / (mils: 3.9)						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 (%)	≥ 300			NA			ASTM D 412-06a
Modulus @ 500%	5-12			NA			ASTM D 412-06a

IONIC CONTENT	SPECIFICATION	TYPICAL	IONIC CONTENT	SPECIFICATION	TYPICAL
Aluminum (Al ³⁺)	<0.020 µg/cm ²	0.0067 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	<0.005 µg/cm ²	Silicone (Mg/Cm ³)	ND	ND
Iron (Fe ³⁺)	<0.020 µg/cm ²	0.0107 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	0.0020 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 5½-6	S 6½-7	M 7½-8	L 8½-9	XL 9½-10	XXL 10½-11
ASPEN	365757	365758	365759	365760	365761	365772
ORACLE	104945	104946	104947	104948	104949	104955



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