



Nitrile

Product protection in class 100 / ISO class 5 environments

- Provides excellent product protection due to low particulate levels especially suited for electrical applications
- Allows comfort for longer wear times due to soft and flexible nitrile formulation
- Prevents the risk of Type I allergies related to latex proteins
- Silicone free



Industries

- Electronics Manufacturing
- Medical Laboratories
- Pharmaceutical
- Research Laboratories

Applications

- Analytical testing
- Assembly and inspection
- Biotechnologies
- Blending operations
- Chemical handling
- Filtration processes
- Handling active material
- Laboratory analysis
- Light assembly tasks
- Light duty maintenance
- Liquid Clean-up
- Maintaining equipment & instruments
- Medical device manufacturing
- Organic / material synthesis
- Pharmaceutical manufacturing
- Preparing pharmaceutical products
- Protection from fluids
- Shipping, transport & delivery
- Tablet press operation
- Weighing & dispensing

TECHNICAL DATA SHEET: PRODUCT INFORMATION:

Material	100% Nitrile polymer, manufactured in a clean environment
Color	Natural white
Glove Design	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.
Manufacturing/QMS Audit Standards	ISO 9001
Regulatory/Standards Compliance	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 double bagged 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
User Needs Segment	Controlled Environment Glove - Gloves that meet the special requirements of cleanroom and aseptic controlled environments.

PHYSICAL PROPERTIES:

PROPERTY	TYPICAL VALUES					TESTING METHOD
SIZE	XS - 5½-6	S - 6½-7	M - 7½-8	L - 8½-9	XL - 9½-10	
Length (mm)	300	300	300	300	300	ASTM D3767/EN 420
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
Modules @ 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	X 6½-7	M 7½-8	L 8½-9	XL 9½-10
Internal NA	119630	118247	118248	118249	118250
ASP/CAT# NA	119630	118247	118248	118249	118250
MRPN	933111XS	933111S	933111M	933111L	933111XL

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.

*Warning: No glove provides complete protection against all chemicals. Users must test the gloves against the particular chemicals and environment in which they will be used.

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Regulatory Compliance

CE 0493

Performance Standards



EN 374

Ansell