

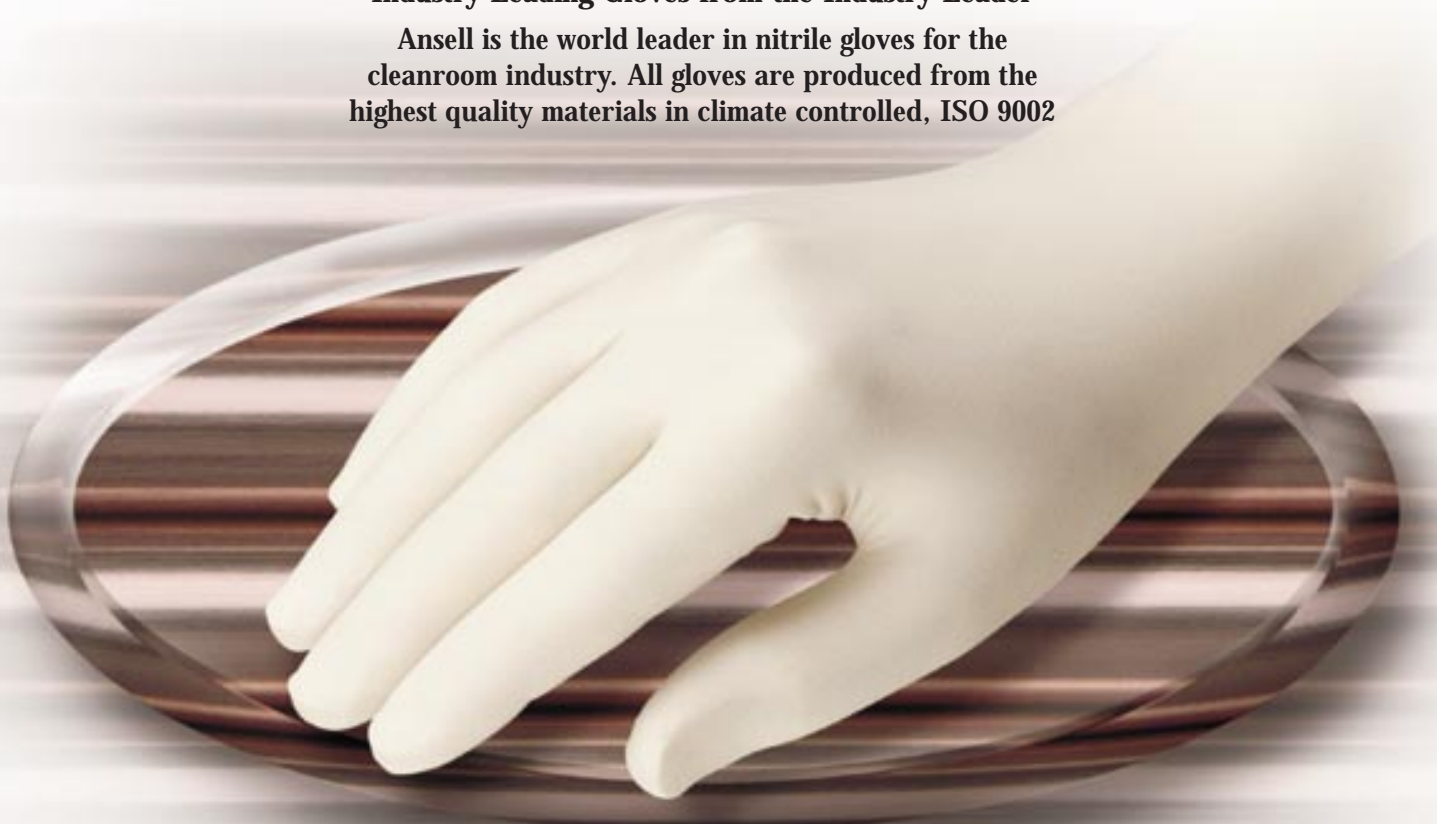
Nitrilite® Ultra-Clean

93-212

The ultra-low particulate and ultra-low extractable version of Nitrilite, with improved electrical properties. Introduced in 1993, Nitrilite® is the original thin-mil nitrile cleanroom glove. Manufactured in a controlled environment facility, Nitrilite Ultra-Clean is specially processed to be exceptionally clean and low in extractables with excellent electrical properties.

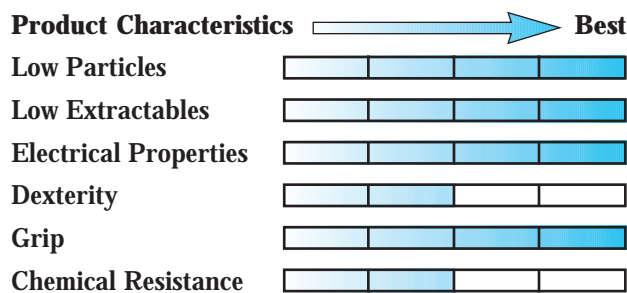
Industry Leading Gloves from the Industry Leader

Ansell is the world leader in nitrile gloves for the cleanroom industry. All gloves are produced from the highest quality materials in climate controlled, ISO 9002



registered, manufacturing facilities that produce *only* nitrile gloves. All Ansell gloves are produced and tested in accordance with ASTM standards and IEST recommended practices and are lot numbered and documented, ensuring the utmost consistency. Supporting you with the largest global technical group—Ansell is your best choice.

Recommended Usage:
Applications requiring an exceptionally clean glove with good electrical properties – Disk Drive, Electrical Device Manufacturing, BioTech, Flat Panel



Technical Data

93-212

Material	100% nitrile polymer, manufactured in a clean, powder-free environment.
Glove Design	Ambidextrous, ergonomically designed for improved dexterity, comfort and long wear.
Cuff Design	Rolled, beaded cuff to enhance donning.
Color and Finish	Natural white. Textured fingers for better feel and grip.
Cleanroom Compatability	Gloves are packed in a certified Class 10 cleanroom; double-bagged in cleanroom-compatible packaging and packed in a lined shipping carton. All printing done with cleanroom-compatible IPA-resistant ink. AQL for pinholes: 4.0
Quality Standards	Manufactured in ISO 9002 registered facilities. Each lot tested, certified and documented. Lot number printed on all packaging.
Total Non-Volatile Residue	1.0 µg/cm ² Max. (IEST-RPCC005.2-8)

Electrical Properties

Resistivity	1x10 ¹¹ ohms/square at 12.5% humidity (ASTM D257, EST S11.11) 1x10 ¹⁰ ohms/square at 50% humidity
Static Decay	<5 seconds @ 12.5% humidity (FTM Std 101C-Method 404) <2 seconds @ 50% humidity)

Extractable Values (Ionic Content)	Specification	Typical
Aluminum (Al ³⁺)	<0.010 µg/cm ²	0.0002 µg/cm ²
Chloride (Cl ⁻)	<0.200 µg/cm ²	0.0190 µg/cm ²
Copper (Cu ²⁺)	<0.0004 µg/cm ²	<0.0004 µg/cm ²
Iron (Fe ³⁺)	<0.020 µg/cm ²	0.0010 µg/cm ²
Lithium (Li ⁺)	<0.0004 µg/cm ²	<0.0004 µg/cm ²
Magnesium (Mg ²⁺)	<0.002 µg/cm ²	<0.0020 µg/cm ²
Nitrate (NO ₃ ⁻)	<0.100 µg/cm ²	0.0980 µg/cm ²
Potassium (K ⁺)	<0.030 µg/cm ²	0.0050 µg/cm ²
Silicone	None	
Sodium (Na ⁺)	<0.050 µg/cm ²	0.0290 µg/cm ²
Sulfate (SO ₄ ²⁻)	<0.050 µg/cm ²	0.0200 µg/cm ²
Zinc (Zn ²⁺)	<0.100 µg/cm ²	0.0290 µg/cm ²

	Specification	Typical
Particulate Data (particles/cm²)	Avg. Total .5-20µm	<800
		410

Test methods per IEST-RP-CC005.2-7 using an orbital shaker.

Typical Physical Values

Thickness:					
Finger Tip	0.12 mm/5 mil				
Palm	0.10 mm/4 mil				
Cuff	0.08 mm/3 mil				
Tensile Strength	Before Aging: 20.7 Mpa min. / 3,000 psi min.				
Elongation	Before Aging: 300% min.				
Sizes:	XS (5-5.5)	S (6-6.5)	M (7-7.5)	L (8-8.5)	XL (9-9.5)
Palm Width – mm	85	92	98	105	115
Surface Area – cm ²	1166	1287	1394	1500	1665
Length	305 mm/12 inches				

Packaging

50 gloves vacuum-sealed in an unprinted polybag, two bags of 50 gloves per master polybag; 10 master bags per lined carton. 1,000 gloves per case. Polybags are easy opening and printed with IPA-resistant ink.

NOTE: The information contained herein represents typical performance values and characteristics for the product and is not to be construed or used as actual product performance specifications.

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