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## PRODUCT SPECIFICATION SHEET

**Part No.** QL-NGA-size (-S, -M, -L, -XL, -XXL)

**Product Description:** Cleanroom ISO Class 5 Nitrile Gloves, 12" length, white, ambidextrous

### Features/Benefit

- Sizes small through XX large (5 sizes)
- Very low particle count and extractables
- Beaded cuff with micro-textured finger tips and tapered finish for better fit
- Excellent puncture resistance, 5 mil thickness
- Complies with FDA 21 CFR
- 50 pieces x 2 (100 pcs) in a sealed CR polybag, double bagged. 10 bags/carton

### Physical Properties

Properties	Typical Value	Test Method
<b>Tensile Strength</b>	≥ 18 MPa	ASTM D412
<b>Modulus @ 300%</b>	≤ 9 MPa	ASTM D412
<b>Ultimate Elongation</b>	≥ 500%	ASTM D412
<b>Pinhole</b>	G1 AQL 1.5	ASTM D5151
<b>Nominal thickness</b>	5 mil/0.13 mm	ASTM D 3767
<b>Surface Resistivity @ 50% RH</b>	≤ 5 x 10 <sup>11</sup> Ohms	ESD/EOS S 11.11
<b>Static Decay @ 50% RH</b>	≤ 2 sec.	FTMS 101-C, 4046

### Dimensional Parameters

Nominal Size	Glove Wt.(g/pc)	Total length	Palm Width	Thickness
<b>Small (S)</b>	6.0 ± 0.2	300 mm	85 mm	Cuff .08 -.10 mm
<b>Medium (M)</b>	6.5 ± 0.2	300 mm	95 mm	
<b>Large (L)</b>	7.0 ± 0.2	300 mm	105 mm	Palm .10-.12 mm
<b>X-Large (XL)</b>	7.5 ± 0.2	300 mm	115 mm	
<b>XX-Large (XXL)</b>	8.0 ± 0.2	300 mm	125 mm	Fingers .12-.14 mm

### Purity Characteristics

Ions/particles	Maximum	Test Method
<b>LPC ≥ 0.5 μm</b>	< 900 particles/cm <sup>2</sup>	IEST RP-CC005.4
<b>Cl<sup>-</sup></b>	< 0.200 μg/cm <sup>2</sup>	IEST RP-CC005.4
<b>NO<sub>3</sub><sup>-</sup>, Zn<sup>2+</sup></b>	< 0.100 μg/cm <sup>2</sup>	IEST RP-CC005.4
<b>SO<sub>4</sub><sup>2+</sup>, Na<sup>+</sup>, K<sup>+</sup></b>	< 0.05 μg/cm <sup>2</sup>	IEST RP-CC005.4
<b>Ca<sup>2+</sup></b>	< 0.500 μg/cm <sup>2</sup>	IEST RP-CC005.4
<b>Al<sup>3+</sup>, Fe<sup>3+</sup></b>	< 0.010 μg/cm <sup>2</sup>	IEST RP-CC005.4
<b>Cu<sup>2+</sup></b>	< 0.0004 μg/cm <sup>2</sup>	IEST RP-CC005.4
<b>Total NVR in IPA</b>	< 8.0 μg/cm <sup>2</sup>	IEST RP-CC005.4
<b>Silicone, Amide, DOP</b>	ND	IEST RP-CC005.4

Q-Leap lab meets ISO 17025 Standards for testing cleanroom materials.