

**Q125 Qualatrilite XC White Nitrile
 ISO 5 (Class 100) Specification Sheet**

Reference Documents: IES-RP-CC-005-87 (Cleanroom Gloves and Fingercots)
 ASTM D6319 (Examination Gloves)

Material: 100% Nitrile (Acrylonitrile-butadiene) rubber, free of plasticizers,
 phthalate esters, silicone oil and amides

Particle Counts: Test procedures follow IES-RP-CC-005. Particle counts range from
 800 to 1,200 particles per cm²

Extractables: Maximum limits utilizing IES-RCC-005 test procedures

Key Trace Elements	Maximum µg/cm ²
Calcium (Ca)	0.500
Magnesium (Mg)	<0.01
Potassium (K)	0.300
Sodium (Na)	0.300
Chloride (Cl)	1.000
Additional Trace Elements	Maximum µg/cm ²
Aluminum (Al)	<0.020
Chromium (Cr)	<0.002
Copper (Cu)	<0.002
Fluoride (F)	<0.007
Iron (Fe)	<0.002
Nickel (Ni)	<0.002
Phosphate (PO ₄)	<0.002
Sulphate (SO ₄)	<0.002
Nitrate (NO ₃)	<0.800
Zinc (Zn)	0.500

Dimensions: Per ASTM D6319 Examination Gloves

Size	Minimum Length	Width
	(mm)	(mm)
Small	290	84+/- .03
Medium	290	94+/- .03
Large	290	104+/- .03
X-Large	290	115+/- .03

Length can vary +/- 0.5 inches. Gloves are double chlorinated (inner and outer surfaces)
 utilizing a fully automated process.

Distributed by:
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Thickness: Per ASTM D6319 Examination gloves

Finger (mm)	Palm (mm)	Cuff (mm)
0.15	0.11	0.08

Surface Resistivity: Maximum 10^9 ohms/square (ASTM-257)

Static Decay: Maximum 3 seconds (FTMS 101-C, 4046)

Triboelectric Charge: Maximum 50 volts

Physical Properties: Maximum levels for tensile strength, elongation, modulus and ageing

Tensile strength before ageing	14 MPa
Tensile strength after ageing 7 days at 70°	14 MPa
Elongation at break before ageing	500%
Elongation at break before ageing 7 days at 70°	500%

Packaging: 100 gloves per double poly bag in bag
10 polybags per master polybag
1 master polybag per shipping carton

Certificate of Conformance: A certificate of conformance is available upon request

Quality Assurance: Manufactured under ISO 9002 Quality System