



Reliable protection for clean environments

ULTRACLEAN CR1000 Nitrile is a clean nitrile glove with low levels of ionic content and particles - for reliable product protection. Designed for use in Class 1000/ ISO 6 Cleanroom Environments.

- Compatible with Class 1000 (ISO 6)
- Low levels of ionic content and particles for excellent product protection

Industries

- Biotechnology Manufacturing Medical Device
- Manufacturing Electronics Manufacturing

Recommended For

- Cleanroom cleaning and preparing
- Blending, compounding solids and liquids
- Spill or leakage cleanup
- Transferring liquids and solids
- Loading centrifuges and chromatography columns
- Assembly of parts
- Weighing and dispensing of solid and liquid raw materials

TECHNICAL DATA SHEET

Product Information

	Nitrile Glove
Material	Nitrile
Color	Blue
Shape	Ambidextrous
Packaging	100 gloves per inner polybag; 1 inner bag per master polybag; 10 master polybags per (1000 gloves) per liner bag.
Storage	Keep out of direct sunlight; store in a cool and dry place. Keep away from sources of ozone origination.
Country of Origin	Malaysia
Available Sizes	S, M, L
Special Features	Zinc, Sulphur + Accelerator Free
Internal Gloves Surface	Powder-Free
Cleanroom Class	Class 1000/ ISO 6
Shelf Life	3 years
Tested For Use With Chemotherapy Drugs	No
Protein Level	N/S: contains no natural rubber latex
Anti-static	Yes

PHYSICAL PROPERTIES

Sizes/ Specification	Small	Medium	Large	Testing Method
Length (mm/ in)(+/-5mm)	245/ 9	245/ 9	245/ 9	Ruler
Palm Width (mm/ in)(+/-5mm)	83	95	106	Ruler

Freedom From Holes	1.5 AQL		EN 455-1/ ASTM D3577
Typical Particle Count ≥ 0.5µm (counts/ cm ²)	< 2500 particles/ cm ²		IENT-RP-CC005.4
Minimum Single Wall Palm Thickness (mm/ mil) (+/-0.03mm)	0.08/ 3.1 mil		EN 420/ ASTM D3767
Minimum Single Wall Finger Thickness (mm/ mil) (+/-0.03mm)	0.14/ 5.5 mil		EN 420/ ASTM D3767
Minimum Single Wall Cuff Thickness (mm/ mil) (+/-0.03mm)	0.07/ 2.75 mil		EN 420/ ASTM D3767

	Standard	Before Ageing	After Ageing
Force at Break (N)	EN 455-2	Min. 6N	Min. 6N
Tensile Strength (Mpa)	ASTM D6319	Min. 14	Min. 14
Elongation (%)	ASTM D6319	>600	>500

DISPOSABLE NITRILE CLEANROOM

GLOVES TECHNICAL DATA SHEET

Parameter	Class 1000
Chloride, Cl^-	< 1.5ug/cm ²
Nitrate, NO_3^-	< 1.5ug/cm ²
Sulphate, SO_4^{2-}	< 0.8ug/cm ²
Fluoride, F^-	< 0.05ug/cm ²
Bromide, Br	< 0.05ug/cm ²
Nitrite, NO_2^-	< 0.05ug/cm ²
Calcium, Ca^{2+}	< 1.5ug/cm ²
Sodium, Na	< 0.5ug/cm ²
TNVR (solvent)	Absent

OTHER PARAMETERS

Parameter	Class 1000
Silicone, Amide, DOP by FTir	Absent
Surface Resistivity	Max 1.0x10E10
Tribo Charge	Max 25volts
Static Decay	<0.5 Second